

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLV CAT Interactive (VCI) Demo *** 00023
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cblv v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
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**
37 vol1 type //
37 volume 8 type cyl/hd recfm lrecl //
alias noindex merge //
merge //

**
LRECL **
*\EndTUNE*/ * | Tailor DSN to be tuned.
Get actual LRECL.
*\EndTUNE*/ * | Tailor Average LRECL.
tune growth=0 avlrecl=1024 define
ned)
inespace=4
*\EndTUNE*
```

Welcome to the CBLV CAT Interactive demonstration which runs in the CBLi environment.

This presentation covers CBLV CAT Interactive only and does not include the large number of additional tools and applications that are included within CBLi (e.g. CBL Text Editor, Volume, Catalog and VTOC Lists, etc.) These are featured in separate presentations.

Descriptions of CBLV CAT syntax and output report fields are not included in this presentation but may be found in the CBLV CAT User manual that can be downloaded or viewed on-line at <http://www.cbl.com>.

For the purposes of this presentation, CBLi is executed in z/OS TSO ISPF using IBM Personal Communications 3270 emulation with terminal size 62x160 (the maximum screen dimensions supported by ISPF). This screen size requires use of a dynamic VTAM LOGMODE over TN3270.

CBLi may also be executed directly from TSO, CMS and as a VTAM application in MVS and VSE.

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.CBLV *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbli v listvcat ref=usercat.cblcat 00025
00026
<e cbl.wvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbli v < cbl.wvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbli v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbli v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbli v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned. 00055
Get actual LRECL. 00056
<nomsg getavrl nbj.cblidemo.test 00057
00058
<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL. 00058
00059
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define 00059
00060
<ams repro indataset(nbj.cblidemo.test) \ 00061
outdataset(nbj.cblidemo.test.tuned) 00062
00063
<cbli v listcat key=nbj.cblidemo.test linespace=4 00064
*EndTUNE* 00065
00066
```

Click "File"...

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbl v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

- Execute SELCOPY ...
- Execute CBLVCAT ...
- Edit ...
- DB2 Dynamic SQL ...
- Allocate NonVSAM ...
- Execute IDCAMS ...
- Define KSDS ...
- Define ESDS ...
- Define RRDS ...
- Define LDS ...
- Define AIX ...
- Define Path ...
- Define Alias ...
- Define Catalog ...
- Execute POWER ...

```
-CBLi
File Edit Actions Options Window Help  Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

- Execute SELCOPY ...
- Execute CBLVCAT ...
- Edit ...
- DB2 Dynamic SQL ...
- Allocate NonVSAM ...
- Execute IDCAMS ...
- Define KSDS ...
- Define ESDS ...
- Define RRDS ...
- Define LDS ...
- Define AIX ...
- Define Path ...
- Define Alias ...
- Define Catalog ...
- Execute POWER ...

...and "Execute CBLVCAT" to start the CBLVCAT Interactive window.  
Note that drop down menu items that appear in blue are unselectable.

```
-CBLI.CMX(CBLIDEMO) 252 V PDS
-CBLI.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

- Execute SELCOPY ...
- Execute CBLVCAT ...
- Edit ...
- DB2 Dynamic SQL ...
- Allocate NonVSAM ...
- Execute IDCAMS ...
- Define KSDS ...
- Define ESDS ...
- Define RRDS ...
- Define LDS ...
- Define AIX ...
- Define Path ...
- Define Alias ...
- Define Catalog ...
- Execute POWER ...

```
-CBLe
File Edit Actions Options Window Help  Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
```

Opening the Execute CBLVCAT window via the CBLi main menu is equivalent to executing the CBLi CLI command "VCAT" with no parameters.

By default, CBLi inserts CBLVCAT operations in the VCAT Command area that generate a report of all user catalogs cataloged in the master catalog. The command is not automatically executed, allowing the user to change the syntax if desired.

The default CBLVCAT operation(s) may be configured by tailoring the CBLVCAT.DefaultCommand CBLiINI file variable.

<ENTER> actions the command.

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```

No list view yet, enter parameters

```
<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```



```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV

No list view yet, enter parameters
```

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```

```
<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```

This frame's title will come here...

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
-----SysPrint-----
ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 05/10/21 PAGE 1
report vcat dsn type vol2
listcat type=u ref=CATALOG.Z16.MASTER

ICF CAT Z6SYS1 (3390)
-----
CATALOG.0S390.MASTER
USERCAT.CBLCAT
USERCAT.Z16.CICS
USERCAT.Z16.DB2V7
USERCAT.Z16.DB2V8
USERCAT.Z16.IMS
USERCAT.Z16.PRODS
USERCAT.Z16.WAS
TYPE
VOLSER DEVICE ...
USERCAT 0S39M1 3390
USERCAT CBLMCT 3390
USERCAT Z6CIC1 3390
USERCAT Z6DB71 3390
USERCAT Z6DB81 3390
USERCAT Z6IMS1 3390
USERCAT Z6RES2 3390
USERCAT Z6WAS2 3390

CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222
** Expiry: 2006-07-25 **
```

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```

Line 1 of 23 Col 1 of 135 Views 1 select \*

```
<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
-----SysPrint-----
ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 05/10/21 PAGE 1
-----
report vcat dsn type vol2
listcat type=u ref=CATALOG.Z16.MASTER

ICF CAT Z6SYS1 (3390)
-----
CATALOG.0S390.MASTER
USERCAT.CBLCAT
USERCAT.Z16.CICS
USERCAT.Z16.DIAV7
USERCAT.Z16.DB2V8
USERCAT.Z16.IMS
USERCAT.Z16.PRODS
USERCAT.Z16.WAS
TYPE          VOLSER  DEVICE ...
-----
USERCAT      0S39M1  3390
USERCAT      CBLMCT  3390
USERCAT      Z6CIC1  3390
USERCAT      Z6DB71  3390
USERCAT      Z6DB81  3390
USERCAT      Z6IMS1  3390
USERCAT      Z6RES2  3390
USERCAT      Z6WAS2  3390

CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222
** Expiry: 2006-07-25 **
```

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```

Line 1 of 23 Col 1 of 135 Views 1 select \*

```
<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
-----SysPrint-----
ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 05/10/21 PAGE 1

report vcat dsn type vol2
listcat type=u ref=CATALOG.Z16.MASTER

ICF CAT Z6SYS1 (3390)
-----
CATALOG.0S390.MASTER
USERCAT.CBLCAT
USERCAT.Z16.CICS
USERCAT.Z16.DIAV7
USERCAT.Z16.DB2V8
USERCAT.Z16.IMS
USERCAT.Z16.PRODS
USERCAT.Z16.WAS
CF 652222
```

All output from CBLV version 2.10 and above is displayed with colour highlighting when executed within CBLi.

We select one of the user catalog names (position the cursor and hit <ENTER>) to open a new Execute CBLVCAT window containing a standard report of the catalog contents.

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
-----SysPrint-----
ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 05/10/21 PAGE 1
-----
report vcat dsn type vol2
listcat type=u ref=CATALOG.Z16.MASTER

ICF CAT Z6SYS1 (3390)
-----
CATALOG.OS390.MASTER
USERCAT.CBLCAT
USERCAT.Z16.CICS
USERCAT.Z16.DIAV7
USERCAT.Z16.DB2V8
USERCAT.Z16.IMS
USERCAT.Z16.PRODS
USERCAT.Z16.WAS

TYPE          VOLSER  DEVICE ...
-----
USERCAT      OS39M1  3390
USERCAT      CBLMCT  3390
USERCAT      Z6CIC1  3390
USERCAT      Z6DB71  3390
USERCAT      Z6DB81  3390
USERCAT      Z6IMS1  3390
USERCAT      Z6RES2  3390
USERCAT      Z6WAS2  3390

CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222
** Expiry: 2006-07-25 **
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Line 1 of 23 Col 1 of 135 Views 1 select \*

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<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
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Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc ref=USERCAT.CBLCAT**  
VCAT Program> **CBLV**

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 10.55 FRI 21 OCT 2005 PAGE 1

**lc ref=USERCAT.CBLCAT**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	----	TOTAL	PRIME	SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
USERCAT.CBLCAT	KSDS	186***	ALL**		C=1	C=1	C=1		32400V	45,9	20480	SPANNED		2002/03/26
	IX	1+	2.1		1	1	1		505		512			** 011 CI SPLITS**
ABS.DDIR	KSDS(R)	8341	57.3		C=6	C=3	C=3		3072V128,0		18432	40960*	3216	2002/11/15 15.37.29
					VOL1=OS39M1									** 151 CI SPLITS**
	IX	6	50.0		1	1	1		4089		+4096+	IXL=2	179	** 004 CA SPLITS**
					VOL1=OS39M1									** 004 CI SPLITS**
ABS.HCD.MSGLOG	NONVSAM				VOL1=OS39M1	3390								2002/11/13
ABS.HCD.TERM	NONVSAM				VOL1=OS39M1	3390								2002/10/23
ABS.HCD.TRACE	NONVSAM				VOL1=OS39M1	3390								2002/10/23
ABS.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2002/11/13
ABS.SLC.DB2	NONVSAM				VOL1=CBLMCT	3390								2002/11/14
ABS.SPFLOG1.LIST	NONVSAM				VOL1=OS39M1	3390								2004/03/19
ABS2.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2002/10/21
ABS3.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2002/10/21
APE110.ADA	NONVSAM				VOL1=CBLM01	3390								2000/04/10
APE110.ASM	NONVSAM				VOL1=CBLM03	3390								1999/05/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	LDS (R)	12 **	ALL**		1	1	1		4096		4096	8192	1	2002/04/10 15.43.10
					VOL1=CBLM02									
APE110.EXE	NONVSAM				VOL1=CBLM03	3390								1999/05/10
APE110.HTM	NONVSAM				VOL1=CBLM01	3390								1999/05/19
APE110.JCL	NONVSAM				VOL1=CBLM04	3390								1999/05/10
APE110.LNK	NONVSAM				VOL1=CBLM03	3390								1999/05/10
APE110.LSA	NONVSAM				VOL1=CBLM04	3390								1999/05/19
APE110.LST	NONVSAM				VOL1=CBLM03	3390								2002/11/21
APE110.LSX	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.MAC	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.OBJ	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.REX	NONVSAM				VOL1=CBLM04	3390								1999/05/10
CBL.AM.LOAD	NONVSAM				VOL1=CBLM04	3390								1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM				VOL1=CBLM04	3390								1998/09/16

Line 1 of 1364 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 10.55 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	---- ALLOC	TRACKS ----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
USERCAT.CBLCAT	KSDS	186***	ALL**	C=1	C=1	C=1	32400V	45,9	20480	SPANNED		2002/03/26
	IX	1+	2.1	1	1	1	505		512			** 011 CI SPLITS**
ABS.DDIR	KSDS(R)	8341	57.3	C=6	C=3	C=3	3072V128,0		18432	40960*	3216	2002/11/15 15.37.29
	IX	6	50.0	1	1	1	4089		+4096+	IXL=2	179	** 151 CI SPLITS**
												** 004 CA SPLITS**
ABS.HCD.MSGLOG	NONVSAM			VOL1=OS39M1								** 004 CI SPLITS**
ABS.HCD.TERM	NONVSAM			VOL1=OS39M1	3390							2002/11/13
ABS.HCD.TRACE	NONVSAM			VOL1=OS39M1	3390							2002/10/23
ABS.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390							2002/10/23
ABS.SLC.DB2	NONVSAM			VOL1=OS39M1	3390							2002/11/13
ABS.SPFL0G1.LIST	NONVSAM			VOL1=CBLMCT	3390							2002/11/14
ABS2.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390							2004/03/19
ABS3.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390							2002/10/21
APE110.ADA	NONVSAM			VOL1=OS39M1	3390							2002/10/21
APE110.ASM	NONVSAM			VOL1=CBLM01	3390							2000/04/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	NONVSAM			VOL1=CBLM03	3390							1999/05/10
LDS (R)		12 **	ALL**	1	1	1	4096		4096	8192	1	2002/04/10 15.43.10
				VOL1=CBLM02								
APE110.EXE	NONVSAM			VOL1=CBLM03	3390							1999/05/10
APE110.HTM	NONVSAM			VOL1=CBLM03	3390							1999/05/19
APE110.JCL	NONVSAM			VOL1=CBLM04	3390							1999/05/10
APE110.LNK	NONVSAM			VOL1=CBLM03	3390							1999/05/10
APE110.LSA	NONVSAM			VOL1=CBLM04	3390							1999/05/19
APE110.LST	NONVSAM			VOL1=CBLM03	3390							2002/11/21
APE110.LSX	NONVSAM			VOL1=CBLM01	3390							1999/05/10
APE110.MAC	NONVSAM			VOL1=CBLM01	3390							1999/05/10
APE110.OBJ	NONVSAM			VOL1=CBLM01	3390							1999/05/10
APE110.REX	NONVSAM			VOL1=CBLM04	3390							1999/05/10
CBL.AM.LOAD	NONVSAM			VOL1=CBLM04	3390							1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM			VOL1=CBLM04	3390							1998/09/16

Line 1 of 1364 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.05 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	----	TOTAL	PRIME	SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
USERCAT.CBLCAT	KSDS	186***	ALL**		C=1	C=1	C=1		32400V	45,9	20480	SPANNED		2002/03/26
	IX	1+	2.1		1	1	1		505		512			** 011 CI SPLITS**
ABS.DDIR	KSDS(R)	8341	57.3		C=6	C=3	C=3		3072V128,0		18432	40960*	3216	2002/11/15 15.37.29
	IX	6	50.0		1	1	1		4089		+4096+	IXL=2	179	** 151 CI SPLITS**
					VOL1=OS39M1									** 004 CA SPLITS**
ABS.HCD.MSGLOG	NONVSAM				VOL1=OS39M1	3390								** 004 CI SPLITS**
ABS.HCD.TERM	NONVSAM				VOL1=OS39M1	3390								2002/11/13
ABS.HCD.TRACE	NONVSAM				VOL1=OS39M1	3390								2002/10/23
ABS.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2002/10/23
ABS.SLC.DB2	NONVSAM				VOL1=CBLMCT	3390								2002/11/13
ABS.SPFLOG1.LIST	NONVSAM				VOL1=OS39M1	3390								2002/11/14
ABS2.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2004/03/19
ABS3.ISPF.ISPPROF	NONVSAM				VOL1=OS39M1	3390								2002/10/21
APE110.ADA	NONVSAM				VOL1=CBLM01	3390								2002/10/21
APE110.ASM	NONVSAM				VOL1=CBLM03	3390								2000/04/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	LDS (R)	12 **	ALL**		1	1	1		4096		4096	8192	1	1999/05/10
					VOL1=CBLM02									2002/04/10 15.43.10
APE110.EXE	NONVSAM				VOL1=CBLM03	3390								1999/05/10
APE110.HTM	NONVSAM				VOL1=CBLM01	3390								1999/05/19
APE110.JCL	NONVSAM				VOL1=CBLM04	3390								1999/05/10
APE110.LNK	NONVSAM				VOL1=CBLM03	3390								1999/05/10
APE110.LSA	NONVSAM				VOL1=CBLM04	3390								1999/05/19
APE110.LST	NONVSAM				VOL1=CBLM03	3390								2002/11/21
APE110.LSX	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.MAC	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.OBJ	NONVSAM				VOL1=CBLM01	3390								1999/05/10
APE110.REX	NONVSAM				VOL1=CBLM04	3390								1999/05/10
CBL.AM.LOAD	NONVSAM				VOL1=CBLM04	3390								1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM				VOL1=CBLM04	3390								1998/09/16

Line 1 of 1365 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.05 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
USERCAT.CBLCAT	KSDS	186***	ALL**	C=1	C=1	C=1			32400V	45,9	20480	SPANNED		2002/03/26
	IX	1+	2.1	1	1	1			505		512			** 011 CI SPLITS**
ABS.DDIR	KSDS(R)	8341	57.3	C=6	C=3	C=3			3072V128,0		18432	40960*	3216	2002/11/15 15.37.29
	IX	6	50.0	1	1	1			4089		+4096+	IXL=2	179	** 151 CI SPLITS**
														** 004 CA SPLITS**
ABS.HCD.MSGLOG	NONVSAM			VOL1=OS39M1										** 004 CI SPLITS**
ABS.HCD.TERM	NONVSAM			VOL1=OS39M1	3390									2002/11/13
ABS.HCD.TRACE	NONVSAM			VOL1=OS39M1	3390									2002/10/23
ABS.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2002/10/23
ABS.SLC.DB2	NONVSAM			VOL1=OS39M1	3390									2002/11/13
ABS.SPFLOG1.LIST	NONVSAM			VOL1=CBLMCT	3390									2002/11/14
ABS2.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2004/03/19
ABS3.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2002/10/21
APE110.ADA	NONVSAM			VOL1=OS39M1	3390									2002/10/21
APE110.ASM	NONVSAM			VOL1=CBLM01	3390									2000/04/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	NONVSAM			VOL1=CBLM03	3390									1999/05/10
LDS (R)		12 ** ALL**		1	1	1			4096		4096	8192	1	2002/04/10 15.43.10
				VOL1=CBLM02										
APE110.EXE	NONVSAM			VOL1=CBLM03	3390									1999/05/10
APE110.HTM	NONVSAM			VOL1=CBLM03	3390									1999/05/19
APE110.JCL	NONVSAM			VOL1=CBLM04	3390									1999/05/10
APE110.LNK	NONVSAM			VOL1=CBLM03	3390									1999/05/10
APE110.LSA	NONVSAM			VOL1=CBLM04	3390									1999/05/19
APE110.LST	NONVSAM			VOL1=CBLM03	3390									2002/11/21
APE110.LSX	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.MAC	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.OBJ	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.REX	NONVSAM			VOL1=CBLM04	3390									1999/05/10
CBL.AM.LOAD	NONVSAM			VOL1=CBLM04	3390									1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM			VOL1=CBLM04	3390									1998/09/16

Line 1 of 1365 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s
VCAT Program> CBLV
```

We can make changes to the CBLVCAT control statements and re-execute.

In this instance we will use the subsetting parameters "TYPE" (with argument "C") and "KEY" to generate a new report containing only VSAM clusters that have DSN beginning "CBL.S".

ICF CAT CBLMCT (3390)	TYPE						KCPS	TIMESTAMP	
USERCAT.CBLCAT	KSDS							2002/03/26	
								** 011 CI SPLITS**	
ABS.DDIR	IX KSDS(R)	8341	57.3	C=6	C=3	C=3	505 3072V128,0	512 18432	40960* 3216
				VOL1=OS39M1					2002/11/15 15.37.29
									** 151 CI SPLITS**
									** 004 CA SPLITS**
	IX	6	50.0	1	1	1	4089	+4096+	IXL=2 179
				VOL1=OS39M1					** 004 CI SPLITS**
ABS.HCD.MSGLOG	NONVSAM			VOL1=OS39M1	3390				2002/11/13
ABS.HCD.TERM	NONVSAM			VOL1=OS39M1	3390				2002/10/23
ABS.HCD.TRACE	NONVSAM			VOL1=OS39M1	3390				2002/10/23
ABS.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390				2002/11/13
ABS.SLC.DB2	NONVSAM			VOL1=CBLMCT	3390				2002/11/14
ABS.SPFLOG1.LIST	NONVSAM			VOL1=OS39M1	3390				2004/03/19
ABS2.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390				2002/10/21
ABS3.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390				2002/10/21
APE110.ADA	NONVSAM			VOL1=CBLM01	3390				2000/04/10
APE110.ASM	NONVSAM			VOL1=CBLM03	3390				1999/05/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	LDS (R)	12	** ALL**	1	1	1	4096	4096 8192	1 2002/04/10 15.43.10
				VOL1=CBLM02					
APE110.EXE	NONVSAM			VOL1=CBLM03	3390				1999/05/10
APE110.HTM	NONVSAM			VOL1=CBLM01	3390				1999/05/19
APE110.JCL	NONVSAM			VOL1=CBLM04	3390				1999/05/10
APE110.LNK	NONVSAM			VOL1=CBLM03	3390				1999/05/10
APE110.LSA	NONVSAM			VOL1=CBLM04	3390				1999/05/19
APE110.LST	NONVSAM			VOL1=CBLM03	3390				2002/11/21
APE110.LSX	NONVSAM			VOL1=CBLM01	3390				1999/05/10
APE110.MAC	NONVSAM			VOL1=CBLM01	3390				1999/05/10
APE110.OBJ	NONVSAM			VOL1=CBLM01	3390				1999/05/10
APE110.REX	NONVSAM			VOL1=CBLM04	3390				1999/05/10
CBL.AM.LOAD	NONVSAM			VOL1=CBLM04	3390				1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM			VOL1=CBLM04	3390				1998/09/16

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Line 1 of 1365 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.05 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
USERCAT.CBLCAT	KSDS	186***	ALL**	C=1	C=1	C=1			32400V	45,9	20480	SPANNED		2002/03/26
	IX	1+	2.1	1	1	1			505		512			** 011 CI SPLITS**
ABS.DDIR	KSDS(R)	8341	57.3	C=6	C=3	C=3			3072V128,0		18432	40960*	3216	2002/11/15 15.37.29
	IX	6	50.0	VOL1=OS39M1	1	1			4089		+4096+	IXL=2	179	** 151 CI SPLITS**
ABS.HCD.MSGLOG	NONVSAM			VOL1=OS39M1										** 004 CA SPLITS**
ABS.HCD.TERM	NONVSAM			VOL1=OS39M1	3390									2002/11/13
ABS.HCD.TRACE	NONVSAM			VOL1=OS39M1	3390									2002/10/23
ABS.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2002/11/13
ABS.SLC.DB2	NONVSAM			VOL1=CBLMCT	3390									2002/11/14
ABS.SPFL0G1.LIST	NONVSAM			VOL1=OS39M1	3390									2004/03/19
ABS2.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2002/10/21
ABS3.ISPF.ISPPROF	NONVSAM			VOL1=OS39M1	3390									2002/10/21
APE110.ADA	NONVSAM			VOL1=CBLM01	3390									2000/04/10
APE110.ASM	NONVSAM			VOL1=CBLM03	3390									1999/05/10
APE110.DSNDBC.APE110DB.APE110TS.I0001.A001	LDS (R)	12 ** ALL**		1	1	1			4096		4096	8192	1	2002/04/10 15.43.10
				VOL1=CBLM02										
APE110.EXE	NONVSAM			VOL1=CBLM03	3390									1999/05/10
APE110.HTM	NONVSAM			VOL1=CBLM01	3390									1999/05/19
APE110.JCL	NONVSAM			VOL1=CBLM04	3390									1999/05/10
APE110.LNK	NONVSAM			VOL1=CBLM03	3390									1999/05/10
APE110.LSA	NONVSAM			VOL1=CBLM04	3390									1999/05/19
APE110.LST	NONVSAM			VOL1=CBLM03	3390									2002/11/21
APE110.LSX	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.MAC	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.OBJ	NONVSAM			VOL1=CBLM01	3390									1999/05/10
APE110.REX	NONVSAM			VOL1=CBLM04	3390									1999/05/10
CBL.AM.LOAD	NONVSAM			VOL1=CBLM04	3390									1996/09/18
CBL.AM.LOAD.SQ10152	NONVSAM			VOL1=CBLM04	3390									1998/09/16

Line 1 of 1365 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc ref=USERCAT.CBLCAT type=c key=cbl.s**  
VCAT Program> **CBLV**

-----SysPrint-----

1CBLCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

**lc ref=USERCAT.CBLCAT type=c key=cbl.s**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.SDF	KSDS	3	0.1	C=5	C=5	C=1			8185V	72,0	8192	17408	36	2005/02/03 14.00.39
	IX	1	3.1	VOL1=CBLM04	1	1			1017		1024		20	
CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	VOL1=CBLM04	1	1			100V	6,0	4096	8704	24	2005/01/11 13.35.40
	IX	1	2.1	VOL1=CBLM01	1	1			505		512		19	
CBL.SELCOPY.NAM.ESDS	ESDS(R)	4	8.4	VOL1=CBLM01	1	1			4089V		4096	8192	7	2002/04/10 11.32.21
				VOL1=CBLM03	1	1								
CBL.SMS.ACDS	LDS	0		C=1	C=1	C=1			4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.ACDS.COPY	LDS	0		VOL1=CBLM06	1	1			4096		4096	8192		2005/01/14
CBL.SMS.COMMDS	LDS	0		1	1	1			4096		4096	8192		2002/03/26
CBL.SMS.SCDS	LDS	24	13.4	C=1	C=1	C=1			4096		4096	8192	7	2002/03/26
CBL.SQ10299.ESDS.EMPTY	ESDS	0(10)		VOL1=CBLM01	1	1			4089		20480	41472		2002/04/10 11.32.21
				VOL1=CBLM02	1	1								
CBL.SQ10299.KSDS.EMPTY	KSDS	0(10)		VOL1=CBLM02	1	1			4089	64,0	20480	41472		1999/03/10
	IX			1	1	1			505		512			
CBL.SQ10612.MMEXTCUS	KSDS	56	8.4	VOL1=CBLM03	1	1		9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		4	
CBL.SQ10612.MMMASCDE	KSDS	74	8.4	VOL1=CBLM02	1	1		9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
	IX	1	2.1	VOL1=CBLM02	1	1			505		512		5	
CBL.SQ10612.MMMASSCH	KSDS	223	42.3	VOL1=CBLM02	1	1		9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		3	

Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s  
VCAT Program> CBLV

-----SysPrint-----  
ICBLCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF	CAT	CBLMCT (3390)	TYPE	NRECS	PCNT	ALLOC TOTAL	TRACKS PRIME	SEC	FRSP CI CA	LMAX	KL,RKP /BLK/IMB	CISIZE	BUFSP /IXL	EXCPS	TIMESTAMP
CBL.SDF			KSDS	3	0.1	C=5	C=5	C=1		8185V	72,0	8192	17408	36	2005/02/03 14.00.39
			IX	1	3.1	VOL1=CBLM04	1	1		1017		1024		20	
■ CBL.SELCOPY.DEMO.KSDS			KSDS(R)	9	1.3	VOL1=CBLM04	1	1		100V	6,0	4096	8704	24	2005/01/11 13.35.40
			IX	1	2.1	VOL1=CBLM01	1	1		505		512		19	
CBL.SELCOPY.N			ESDS	4	8.4	VOL1=CBLM01	1	1		4089V		4096	8192	7	2002/04/10 11.32.21
CBL.SMS.				1						4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.				1						4096		4096	8192		2005/01/14
CBL.SMS.				1						4096		4096	8192		2002/03/26
CBL.SMS.				1						4096		4096	8192	7	2002/03/26
CBL.SQ10				1						4089		20480	41472		2002/04/10 11.32.21
CBL.SQ10				1						4089	64,0	20480	41472		1999/03/10
CBL.SQ10				1						505		512			
CBL.SQ10				1					9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
CBL.SQ10				1						505		512		4	
CBL.SQ10				1					9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
CBL.SQ10				1						505		512		5	
CBL.SQ10612.MMMASCH			KSDS	223	42.3	VOL1=CBLM02	1	1	9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
			IX	1	2.1	VOL1=CBLM03	1	1		505		512		3	
						VOL1=CBLM03									

Line 1 of 69 Col 1 of 135 Views 1 select \*

Select an entry in the report to open the CBL text editor and display the contents of the data set.

Note that selecting a line that contains "VOLn=volser" would open another Execute CBLVCAT window containing a LISTVTOC report for the volume labelled "volser".

In this case, we select a reusable KSDS file (denoted as such by the KSDS(R) entry in the TYPE column.)

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
-----  
CBL.SELCOPY.DEMO.KSDS  
-----  
CBL.SELCOPY.NAM.ESDS  
-----  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
-----  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
-----  
CBL.SQ10299.KSDS.EMPTY  
-----  
CBL.SQ10612.MMEXTCUS  
-----  
CBL.SQ10612.MMMASCDE  
-----  
CBL.SQ10612.MMMASSCH  
-----  
Line 1 of 69 Col 1 of 1

CBLI  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000003
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000004
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000005
000006Mark ARank 000006
000008Jane JSampson 000007
000009John DWeathers 000008
000015Dave CDiamond 000009
*** End of File *** 000010
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
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\*\*\* Combined VTOC and catalog report \*\*\*  
<cbli v report vcat defined 15 sort  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl \\  
listvcat key=NBj. noalias noindex merge \\  
listvtoc vol=cblm\* key=NBj. merge

\*\*\* Tune a KSDS data set using actual average LRECL \*\*\*  
<c /nbj.cblidemo.test/\_nbj.cblidemo.test/ /\*EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/\_avrlrecl=1024/ /\*EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
\*EndTUNE\*

Line=1 Col=1 Alt=0,0;0 Size=9 Recl=100 Fmt=V Files=3 Views=3

Usually, VSAM data sets may only be edited by CBLI in Read Only mode. However, if no data has ever been written to the file or if it is defined with REUSE, then CBLI will allow it to be edited Read/Write.

Execute CBLVCAT View Back Forward FDB Edit Raw Help

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc ref=USER
VCAT Program> CBLV
-----
1CBLVCAT REL 2.10z14 CB
-----
lc ref=USERCAT.CBLC
-----
ICF CAT CBLMCT (3390)
-----
CBL.SDF
CBL.SELCOPY.DEMO.KSDS
CBL.SELCOPY.NAM.ESDS
CBL.SMS.ACDS
CBL.SMS.ACDS.COPY
CBL.SMS.COMMDS
CBL.SMS.SCDS
CBL.SQ10299.ESDS.EMPTY
CBL.SQ10299.KSDS.EMPTY
CBL.SQ10612.MMEXTCUS
CBL.SQ10612.MMMASCDE
CBL.SQ10612.MMMASSCH
```

Line 1 of 69 Col 1 of 1

CBL File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

```
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel Wd Davies 000002
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000003
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000004
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000005
000006Mark ARank 000006
000008Jane JSampson 000007
000009John DWeather's 000008
000015Dave CDiamond 000009
*** End of File *** 000010
```

```
** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge //

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
....9....+...10....+...11
parameter. 00023
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```

Line=1 Col=1 Alt=0,0;0 Size=9 Recl=100 Fmt=V Files=3 Views=3

```
Execute CBLV CAT
View Back Forward FDB Edit Raw Help

Execute CBLV CAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc ref=USER
VCAT Program> CBLV
-----
1CBLV CAT REL 2.10z14 CB
-----

lc ref=USERCAT.CBLC

ICF CAT CBLMCT (3390)
-----
CBL.SDF
CBL.SELCOPY.DEMO.KSDS
CBL.SELCOPY.NAM.ESDS
CBL.SMS.ACDS
CBL.SMS.ACDS.COPY
CBL.SMS.COMMDS
CBL.SMS.SCDS
CBL.SQ10299.ESDS.EMPTY
CBL.SQ10299.KSDS.EMPTY
CBL.SQ10612.MMEXTCUS
CBL.SQ10612.MMMASCDE
CBL.SQ10612.MMMASSCH

Line 1 of 69 Col 1 of 1

-CBLI
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
-CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel W Davies 000002
000002Nigel W Davies 000003
000003Nick B Jones TSP81721990-07-22M1973-03-14 ..&. 000004
000004John M Williams ADM81801996-06-01M1956-10-10 ... 000005
000005James G Evans TSP81711986-01-01M1967-12-14 ...* 000006
000006Mark A Rank 000007
000008Jane J Sampson 000008
000009John D Weathers 000009
000015Dave C Diamond 000010
*** End of File *** 000011

....9....+...10....+...11
parameter. 000023
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000027
data set. 000028
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at key=cbl. ext 000031
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** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge //

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*

Line=1 Col=1 Alt=1,1;1 Size=10 Recl=100 Fmt=V Files=3 Views=3
```



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH  
  
Line 1 of 69 Col 1 of 1

CBL  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS  
CBL.CMX(JGE2) 252 V PDS  
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000002Tom WDavies 000003
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006
000006Mark ARank 000007
000008Jane JSampson 000008
000009John DWeathers 000009
000015Dave CDiamond 000010
*** End of File *** 000011
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
\*\* 000039  
000040  
000041  
000042  
000043  
000044  
000045  
000046  
000047  
000048  
000049  
000050  
000051  
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000063  
000064  
000065  
000066

```
** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

Line=1 Col=1 Alt=1,1;1 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT View Back Forward FDB Edit Raw Help

```
Execute CBLVCAT  
View Back Forward FDB Edit  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH  
  
Line 1 of 69 Col 1 of 1
```

CBL File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

```
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...  
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001  
000002Nigel WDavies 000002  
000002Tom GWhite 000003  
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004  
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005  
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006  
000006Mark ARank 000007  
000008Jane JSampson 000008  
000009John DWeathers 000009  
000015Dave CDiamond 000010  
*** End of File *** 000011
```

```
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //  
listvcat key=NBJ. noalias noindex merge //  
listvtoc vol=cbim* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavr1 nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
*EndTUNE*
```

```
....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbi. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
** 000039  
000040  
000041  
000042  
000043  
000044  
000045  
000046  
000047  
000048  
000049  
000050  
000051  
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000057  
000058  
000059  
000060  
000061  
000062  
000063  
000064  
000065  
000066
```

Line=1 Col=1 Alt=1,1;1 Size=10 Recl=100 Fmt=V Files=3 Views=3

-Execute CBLV CAT View Back Forward FDB Edit Raw Help

```
-Execute CBLV CAT  
View Back Forward FDB Edit  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLV CAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH
```

Line 1 of 69 Col 1 of 1

-CBL File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

```
-CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...  
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001  
000002Nigel WDavies 000002  
000002Tom GWhite 000003  
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004  
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005  
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006  
000006Mark ARank 000007  
000008Jane JSampson 000008  
000009John DWeathers 000009  
000015Dave CDiamond 000010  
*** End of File *** 000011
```

```
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //  
listvcat key=NBJ. noalias noindex merge //  
listvtoc vol=cbli* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
*EndTUNE*
```

```
....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbli. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
** 000039  
000040  
000041  
000042  
000043  
000044  
000045  
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000055  
000056  
000057  
000058  
000059  
000060  
000061  
000062  
000063  
000064  
000065  
000066
```

Line=1 Col=1 Alt=1,1;1 Size=10 Recl=100 Fmt=V Files=3 Views=3

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
-----  
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
-----  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
-----  
CBL.SELCOPY.DEMO.KSDS  
-----  
CBL.SELCOPY.NAM.ESDS  
-----  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
-----  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
-----  
CBL.SQ10299.KSDS.EMPTY  
-----  
CBL.SQ10612.MMEXTCUS  
-----  
CBL.SQ10612.MMMASCDE  
-----  
CBL.SQ10612.MMMASSCH  
-----  
Line 1 of 69 Col 1 of 1
```

```
CBL  
File Edit Actions Options Window Help  
-----  
CBL.CMX(CBLIDEMO) 252 V PDS  
-----  
CBL.CMX(JGE2) 252 V PDS  
-----  
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...  
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001  
000002Nigel WDavies 000002  
000002Tom GWhite 000003  
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004  
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005  
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006  
000006Mark ARank 000007  
000008Jane JSampson 000008  
000009John DWeathers 000009  
000015Dave CDiamond 000010  
*** End of File *** 000011
```

Having inserted a new record in the file, we can use the "Sv" button to execute the SV macro (supplied by CBL to action "SAVE" and maintain a file header.)

```
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //  
listvcat key=NBJ. noalias noindex merge //  
listvtoc vol=cbim* key=NBJ. merge //  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*`EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
*EndTUNE*
```

```
....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
** 000039  
000040  
000041  
000042  
000043  
000044  
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000063  
000064  
000065  
000066
```

Execute CBLV CAT  
View Back Forward FDB Edit Raw Help

Execute CBLV CAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLV CAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
CBL.SELCOPY.DEMO.KSDS  
CBL.SELCOPY.NAM.ESDS  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
CBL.SQ10299.KSDS.EMPTY  
CBL.SQ10612.MMEXTCUS  
CBL.SQ10612.MMMASCDE  
CBL.SQ10612.MMMASSCH  
Line 1 of 69 Col 1 of 1

CBL  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000002Tom GWhite 000003
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006
000006Mark ARank 000007
000008Jane JSampson 000008
000009John DWeathers 000009
000015Dave CDiamond 000010
*** End of File *** 000011
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
\*\* 000039  
000040  
000041  
000042  
000043  
000044  
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000051  
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000059  
000060  
000061  
000062  
000063  
000064  
000065  
000066

```
** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

Line=1 Col=1 Alt=1,1;1 Size=10 Recl=100 Fmt=V Files=3 Views=3

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH
```

Line 1 of 69 Col 1 of 1

```
CBL  
File Edit Actions Options Window Help SV ToF BoF wS wR Pfx <>  
-----  
CBL.CMX(CBLIDEMO) 252 V PDS  
-----  
CBL.CMX(JGE2) 252 V PDS  
-----  
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)  
Command>  
SV: ## FAILED ## rc=12 - CBL.SELCOPY.DEMO.KSDS  
EDT086E Duplicate keys - records 2 and 3 have the same key.  
000002Nigel WDavies  
000002Tom GWhite  
000003Nick BJones TSP81721990-07-22M1973-03-14  
000004John MWilliams ADM81801996-06-01M1956-10-10  
000005James GEvans TSP81711986-01-01M1967-12-14  
000006Mark ARank  
000008Jane JSampson  
000009John DWeathers  
000015Dave CDiamond  
* * * End of File * * *  
  
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type :\  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl :\  
listvcat key=NBJ. noalias noindex merge :\  
listvtoc vol=cbim* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
*EndTUNE*
```

"SV" failed because CBLe checks that there are no duplicate keys and also that keys are in sequence prior to actioning the "SAVE".  
We will correct the mistake and use the CBLe CLI command "SORT" to ensure key sequence prior to re-issuing "SV".

```
00036  
00037  
00038  
00039  
00040  
00041  
00042  
00043  
00044  
00045  
00046  
00047  
00048  
00049  
00050  
00051  
00052  
00053  
00054  
00055  
00056  
00057  
00058  
00059  
00060  
00061  
00062  
00063  
00064  
00065  
00066
```

Line=1 Col=1 Alt=3,3;2 Size=10 Recl=100 Fmt=V Files=3 Views=3

-Execute CBLVCAT -+X  
View Back Forward FDB Edit Raw Help

```
-Execute CBLVCAT  
View Back Forward FDB Edit  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH
```

Line 1 of 69 Col 1 of 1

-CBLI  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X

-CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R) -+X

```
Command>  
SV: ## FAILED ## rc=12 - CBL.SELCOPY.DEMO.KSDS  
EDT086E Duplicate keys - records 2 and 3 have the same key.  
000002Nigel WDavies 000002  
000003Tom GWhite 000003  
000003Nick BJones 000004  
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005  
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006  
000006Mark ARank 000007  
000008Jane JSampson 000008  
000009John DWeathers 000009  
000015Dave CDiamond 000010  
*** End of File *** 000011
```

```
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //  
listvcat key=NBJ. noalias noindex merge //  
listvtoc vol=cbli* key=NBJ. merge //  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cbliidemo.test/_nbj.cbliidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cbliidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cbliidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cbliidemo.test) \  
outdataset(nbj.cbliidemo.test.tuned)  
  
<cbli v listcat key=nbj.cbliidemo.test linespace=4  
*EndTUNE*
```

```
....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbli. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
** 000039  
000040  
000041  
000042  
000043  
000044  
000045  
000046  
000047  
000048  
000049  
000050  
000051  
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000053  
000054  
000055  
000056  
000057  
000058  
000059  
000060  
000061  
000062  
000063  
000064  
000065  
000066
```

Line=1 Col=1 Alt=3,3;2 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH  
  
Line 1 of 69 Col 1 of 1

CBL  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
SV: ## FAILED ## rc=12 - CBL.SELCOPY.DEMO.KSDS
EDT086E Duplicate keys - records 2 and 3 have the same key.
000002Nigel          WDavies          TSP81721990-07-22M1973-03-14 ..&.
000022Tom           GWhite          ADM81801996-06-01M1956-10-10 ...
000003Nick          BJones          TSP81711986-01-01M1967-12-14 ...*
000004John          MWilliams
000005James         GEvans
000006Mark          ARank
000008Jane          JSampson
000009John          DWeathers
000015Dave          CDiamond
*** End of File ***
```

....9....+...10....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
00035  
00036  
00037  
00038  
\*\* 00039  
00040  
00041  
00042  
00043  
00044  
00045  
00046  
00047  
00048  
00049  
00050  
00051  
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00057  
00058  
00059  
00060  
00061  
00062  
00063  
00064  
00065  
00066

```
** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type          /\
report vtoc created 15 sort dsn 37 volume 8 type          cyl/hd recfm lrecl /\
listvcat key=NBJ. noalias noindex                          merge      /\
listvtoc vol=cblm* key=NBJ.                                merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavr1 nbj.cblidemo.test | Get actual LRECL.

<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

Line=1 Col=1 Alt=3,3;2 Size=10 Recl=100 Fmt=V Files=3 Views=3



Execute CBLVCAT View Back Forward FDB Edit Raw Help

```
Execute CBLVCAT
View Back Forward FDB Edit
Command>
VCAT Command> lc ref=USER
VCAT Program> CBLV
-----
1CBLVCAT REL 2.10z14 CB
-----
lc ref=USERCAT.CBLC
-----
ICF CAT CBLMCT (3390)
-----
CBL.SDF
CBL.SELCOPY.DEMO.KSDS
CBL.SELCOPY.NAM.ESDS
CBL.SMS.ACDS
CBL.SMS.ACDS.COPY
CBL.SMS.COMMDS
CBL.SMS.SCDS
CBL.SQ10299.ESDS.EMPTY
CBL.SQ10299.KSDS.EMPTY
CBL.SQ10612.MMEXTCUS
CBL.SQ10612.MMMASCDE
CBL.SQ10612.MMMASSCH
Line 1 of 69 Col 1 of 1
```

CBL File Edit Actions Options Window Help \$v ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

```
CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000022Tom GWhite 000003
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006
000006Mark ARank 000007
000008Jane JSampson 000008
000009John DWeathers 000009
000015Dave CDiamond 000010
*** End of File *** 000011
```

```
** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cbli* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cbli.demo.test/_nbj.cbli.demo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cbli.demo.test | Get actual LRECL.

<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cbli.demo.test tune growth=0 avrlrecl=1024 define

<ams repro indataset(nbj.cbli.demo.test) \
outdataset(nbj.cbli.demo.test.tuned)

<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```

```
....9....+...10....+...11
parameter. 00023
00024
00025
00026
00027
00028
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038
00039
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00059
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00061
00062
00063
00064
00065
00066
```

Line=1 Col=1 Alt=4,4;3 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT,CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH

Line 1 of 69 Col 1 of 1

CBLI  
File Edit Actions Options Window Help \$v ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command> sort * 1 6  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...  
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001  
000002Nigel WDavies 000002  
000022Tom GWhite 000003  
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000004  
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000005  
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000006  
000006Mark ARank 000007  
000008Jane JSampson 000008  
000009John DWeathers 000009  
000015Dave CDiamond 000010  
*** End of File *** 000011
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
\*\* 000039  
000040  
000041  
000042  
000043  
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000064  
000065  
000066

```
** Combined VTOC and catalog report hlq NBJ **  
<!cbli v report vcat defined 15 sort dsn 37 vol1 type \\  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl \\  
listvcat key=NBJ. noalias noindex merge \\  
listvtoc vol=cblm* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavr1 nbj.cblidemo.test | Get actual LRECL.  
  
<c /avrlrecl=1024/_avrlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avrlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
*EndTUNE*
```

Line=1 Col=1 Alt=4,4;3 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH  
  
Line 1 of 69 Col 1 of 1

CBL  
File Edit Actions Options Window Help \$v ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000003
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000004
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000005
000006Mark ARank 000006
000008Jane JSampson 000007
000009John DWeathers 000008
000015Dave CDiamond 000009
000022Tom GWhite 000010
*** End of File *** 000011
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
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000064  
000065  
000066

```
** Combined VTOC and catalog report hlq NBJ **
<lcbl v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

Line=1 Col=1 Alt=5,5;4 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
  
CBL.SELCOPY.DEMO.KSDS  
  
CBL.SELCOPY.NAM.ESDS  
  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
  
CBL.SQ10299.KSDS.EMPTY  
  
CBL.SQ10612.MMEXTCUS  
  
CBL.SQ10612.MMMASCDE  
  
CBL.SQ10612.MMMASSCH  
  
Line 1 of 69 Col 1 of 1

CBLI  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

CBL.CMX(CBLIDEMO) 252 V PDS

CBL.CMX(JGE2) 252 V PDS

CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001
000002Nigel WDavies 000002
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000003
000004John MWilliams ADM81801996-06-01M1956-10-10 ... 000004
000005James GEvans TSP81711986-01-01M1967-12-14 ...* 000005
000006Mark ARank 000006
000008Jane JSampson 000007
000009John DWeathers 000008
000015Dave CDiamond 000009
000022Tom GWhite 000010
*** End of File *** 000011
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
000035  
000036  
000037  
000038  
\*\* 000039  
000040  
000041  
000042  
000043  
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000064  
000065  
000066

```
** Combined VTOC and catalog report hlq NBJ **
<lcbl v report vcat defined 15 sort dsn 37 vol1 type //
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl //
listvcat key=NBJ. noalias noindex merge //
listvtoc vol=cblm* key=NBJ. merge
```

```
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test) \
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

Line=1 Col=1 Alt=5,5;4 Size=10 Recl=100 Fmt=V Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USER  
VCAT Program> CBLV  
-----  
1CBLVCAT REL 2.10z14 CB  
-----  
lc ref=USERCAT.CBLC  
-----  
ICF CAT CBLMCT (3390)  
-----  
CBL.SDF  
-----  
CBL.SELCOPY.DEMO.KSDS  
-----  
CBL.SELCOPY.NAM.ESDS  
-----  
CBL.SMS.ACDS  
CBL.SMS.ACDS.COPY  
-----  
CBL.SMS.COMMDS  
CBL.SMS.SCDS  
CBL.SQ10299.ESDS.EMPTY  
-----  
CBL.SQ10299.KSDS.EMPTY  
-----  
CBL.SQ10612.MMEXTCUS  
-----  
CBL.SQ10612.MMMASCDE  
-----  
CBL.SQ10612.MMMASSCH  
-----  
Line 1 of 69 Col 1 of 1

CBLi  
File Edit Actions Options Window Help SV ToF BoF wS wR Pfx <>  
-----  
-CBL.CMX(CBLIDEMO) 252 V PDS  
-----  
-CBL.CMX(JGE2) 252 V PDS  
-----  
-CBL.SELCOPY.DEMO.KSDS 100 V KSDS(R)  
-----  
Command>  
SV: Saved L=none ## Warning ## --- 2005/10/21 14:27:05 Alt=3 - CBL.SELCOPY.DEMO.  
000001Laurence FCross TSP81701996-06-01M1947-11-30 .i . 000001  
000002Nigel WDavies 000002  
000003Nick BJones TSP81721990-07-22M1973-03-14 ..&. 000003  
000004John MWilliams ADM81801996-06-01M1956-10-10 .... 000004  
000005James GEvans TSP81711986-01-01M1967-12-14 ...\* 000005  
000006Mark ARank 000006  
000008Jane JSampson 000007  
000009John DWeathers 000008  
000015Dave CDiamond 000009  
000022Tom GWhite 000010  
\* \* \* End of File \* \* \* 000011  
-----  
\*\* Combine  
<cbli v  
-----  
\*\* Tune a  
<c /nbj.cb  
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.  
-----  
<c /avirecl=1024/\_avirecl=1024/ /\*EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avirecl=1024 define  
-----  
<ams repro indataset(nbj.cblidemo.test) \  
outdataset(nbj.cblidemo.test.tuned)  
-----  
<cbli v listcat key=nbj.cblidemo.test linespace=4  
\*EndTUNE\*  
-----  
Line=1 Col=1 Alt=0,0;3 Size=10 Recl=100 Fmt=V Files=3 Views=3

.....9.....+...10.....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
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000036  
000037  
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\*\* 000039  
000040  
000041  
000042  
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The data set is saved but the SV macro issues a warning message indicating that no header record containing a level number (L=nnn) was found in the first 10 records of the file. This is acceptable.

Hit <F3> to exit the edit display. Focus is placed back on the window from which the edit was invoked. i.e. the Execute CBLVCAT window.

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s  
VCAT Program> CBLV

-----SysPrint-----

ICBLCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.SDF	KSDS	3	0.1	C=5	C=5	C=1			8185V	72,0	8192	17408	36	2005/02/03 14.00.39
	IX	1	3.1	VOL1=CBLM04	1	1			1017		1024		20	
■ CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	VOL1=CBLM04	1	1			100V	6,0	4096	8704	24	2005/01/11 13.35.40
	IX	1	2.1	VOL1=CBLM01	1	1			505		512		19	
CBL.SELCOPY.NAM.ESDS	ESDS(R)	4	8.4	VOL1=CBLM01	1	1			4089V		4096	8192	7	2002/04/10 11.32.21
				VOL1=CBLM03	1	1								
CBL.SMS.ACDS	LDS	0		C=1	C=1	C=1			4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.ACDS.COPY	LDS	0		1	1	1			4096		4096	8192		2005/01/14
				VOL1=CBLM06	1	1								
CBL.SMS.COMMDS	LDS	0		1	1	1			4096		4096	8192		2002/03/26
CBL.SMS.SCDS	LDS	24	13.4	C=1	C=1	C=1			4096		4096	8192	7	2002/03/26
CBL.SQ10299.ESDS.EMPTY	ESDS	0(10)		1	1	1			4089		20480	41472		2002/04/10 11.32.21
				VOL1=CBLM01	1	1								
CBL.SQ10299.KSDS.EMPTY	KSDS	0(10)		VOL1=CBLM02	1	1			4089	64,0	20480	41472		1999/03/10
	IX			1	1	1			505		512			
				VOL1=CBLM02	1	1								
CBL.SQ10612.MMEXTCUS	KSDS	56	8.4	VOL1=CBLM03	1	1		9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
	IX	1	2.1	1	1	1			505		512		4	
				VOL1=CBLM03	1	1								
CBL.SQ10612.MMMASCDE	KSDS	74	8.4	VOL1=CBLM02	1	1		9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
	IX	1	2.1	1	1	1			505		512		5	
				VOL1=CBLM02	1	1								
CBL.SQ10612.MMMASSCH	KSDS	223	42.3	VOL1=CBLM03	1	1		9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
	IX	1	2.1	1	1	1			505		512		3	
				VOL1=CBLM03	1	1								

Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc ref=USERCAT.CBLCAT type=c key=cbl.s  
VCAT Program> CBLV

-----SysPrint-----  
1CBLCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.SDF	KSDS	3	0.1	C=5	C=5	C=1			8185V	72,0	8192	17408	36	2005/02/03 14.00.39
	IX	1	3.1	VOL1=CBLM04	1	1			1017		1024		20	
CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	VOL1=CBLM04	1	1			100V	6,0	4096	8704	24	2005/01/11 13.35.40
	IX	1	2.1	VOL1=CBLM01	1	1			505		512		19	
CBL.SELCOPY.NAM.ESDS	ESDS(R)	4	8.4	VOL1=CBLM01	1	1			4089V		4096	8192	7	2002/04/10 11.32.21
				VOL1=CBLM03	1	1								
CBL.SMS.ACDS	LDS	0		C=1	C=1	C=1			4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.ACDS.COPY	LDS	0		VOL1=CBLM06	1	1			4096		4096	8192		2005/01/14
CBL.SMS.COMMDS	LDS	0		1	1	1			4096		4096	8192		2002/03/26
CBL.SMS.SCDS	LDS	24	13.4	C=1	C=1	C=1			4096		4096	8192	7	2002/03/26
CBL.SQ10299.ESDS.EMPTY	ESDS	0(10)		VOL1=CBLM01	1	1			4089		20480	41472		2002/04/10 11.32.21
				VOL1=CBLM02	1	1								
CBL.SQ10299.KSDS.EMPTY	KSDS	0(10)		VOL1=CBLM02	1	1			4089	64,0	20480	41472		1999/03/10
	IX			1	1	1			505		512			
CBL.SQ10612.MMEXTCUS	KSDS	56	8.4	VOL1=CBLM03	1	1		9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		4	
CBL.SQ10612.MMMASCDE	KSDS	74	8.4	VOL1=CBLM02	1	1		9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
	IX	1	2.1	VOL1=CBLM02	1	1			505		512		5	
CBL.SQ10612.MMMASSCH	KSDS	223	42.3	VOL1=CBLM03	1	1		9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		3	

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Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.SDF	KSDS	3	0.1	C=5	C=5	C=1			8185V	72,0	8192	17408	36	2005/02/03 14.00.39
	IX	1	3.1	VOL1=CBLM04	1	1			1017		1024		20	
CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	VOL1=CBLM04	1	1			100V	6,0	4096	8704	24	2005/01/11 13.35.40
	IX	1	2.1	VOL1=CBLM01	1	1			505		512		19	
CBL.SELCOPY.NAM.ESDS	ESDS(R)	4	8.4	VOL1=CBLM01	1	1			4089V		4096	8192	7	2002/04/10 11.32.21
				VOL1=CBLM03	1	1								
CBL.SMS.ACDS	LDS	0		C=1	C=1	C=1			4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.ACDS.COPY	LDS	0		VOL1=CBLM06	1	1			4096		4096	8192		2005/01/14
CBL.SMS.COMMDS	LDS	0		1	1	1			4096		4096	8192		2002/03/26
CBL.SMS.SCDS	LDS	24	13.4	C=1	C=1	C=1			4096		4096	8192	7	2002/03/26
CBL.SQ10299.ESDS.EMPTY	ESDS	0(10)		VOL1=CBLM01	1	1			4089		20480	41472		2002/04/10 11.32.21
				VOL1=CBLM02	1	1								
CBL.SQ10299.KSDS.EMPTY	KSDS	0(10)		VOL1=CBLM02	1	1			4089	64,0	20480	41472		1999/03/10
	IX			1	1	1			505		512			
CBL.SQ10612.MMEXTCUS	KSDS	56	8.4	VOL1=CBLM03	1	1		9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		4	
CBL.SQ10612.MMMASCDE	KSDS	74	8.4	VOL1=CBLM02	1	1		9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
	IX	1	2.1	VOL1=CBLM02	1	1			505		512		5	
CBL.SQ10612.MMMASSCH	KSDS	223	42.3	VOL1=CBLM02	1	1		9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		3	

Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.SDF	KSDS	3	0.1	C=5	C=5	C=1			8185V	72,0	8192	17408	36	2005/02/03 14.00.39
	IX	1	3.1	VOL1=CBLM04	1	1			1017		1024		20	
CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	VOL1=CBLM04	1	1			100V	6,0	4096	8704	24	2005/01/11 13.35.40
	IX	1	2.1	VOL1=CBLM01	1	1			505		512		19	
CBL.SELCOPY.NAM.ESDS	ESDS(R)	4	8.4	VOL1=CBLM01	1	1			4089V		4096	8192	7	2002/04/10 11.32.21
				VOL1=CBLM03	1	1								
CBL.SMS.ACDS	LDS	0		C=1	C=1	C=1			4096		4096	8192	15	2002/04/08 12.12.22
CBL.SMS.ACDS.COPY	LDS	0		VOL1=CBLM06	1	1			4096		4096	8192		2005/01/14
CBL.SMS.COMMDS	LDS	0		1	1	1			4096		4096	8192		2002/03/26
CBL.SMS.SCDS	LDS	24	13.4	C=1	C=1	C=1			4096		4096	8192	7	2002/03/26
CBL.SQ10299.ESDS.EMPTY	ESDS	0(10)		VOL1=CBLM01	1	1			4089		20480	41472		2002/04/10 11.32.21
				VOL1=CBLM02	1	1								
CBL.SQ10299.KSDS.EMPTY	KSDS	0(10)		VOL1=CBLM02	1	1			4089	64,0	20480	41472		1999/03/10
	IX			1	1	1			505		512			
CBL.SQ10612.MMEXTCUS	KSDS	56	8.4	VOL1=CBLM03	1	1		9 3	90V	4,0	4096	45568	3	2002/04/10 11.32.23
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		4	
CBL.SQ10612.MMMASCDE	KSDS	74	8.4	VOL1=CBLM02	1	1		9 3	400V	5,0	4096	45568	4	2002/04/10 11.32.25
	IX	1	2.1	VOL1=CBLM02	1	1			505		512		5	
CBL.SQ10612.MMMASSCH	KSDS	223	42.3	VOL1=CBLM02	1	1		9 3	420V	8,0	4096	45568	2	2002/04/10 11.32.29
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		3	

Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj sev=2  
VCAT Program> CBLV

CBLVCAT may be used to identify VSAM data sets that display characteristics of being out of tune. It does this by assigning severity levels 1 to 3 (3 being the most severe) to conditions that affect a data set's processing performance (i.e. I/O efficiency) and its use of disk space.

Here, we use CBLVCAT subsetting to list cataloged data sets that have DSN beginning "NBJ" and also have at least one tune status condition that has been assigned a severity level of 2 or above. Messages reflecting tune status conditions and their severity level are reported for each data set.

```
-----SysPrint-----
11.06 FRI 21 OCT 2005 PAGE 1
1CBLVCAT REL 2.10z14
lc ref=USERCAT.
ICF CAT CBLMCT (33
CBL.SDF
CBL.SELCOPY.DEMO.K
CBL.SELCOPY.NAM.ESD
CBL.SMS.ACDS LDS 0 VOL1=CBLM03
CBL.SMS.ACDS.COPY LDS 0 C=1 C=1 C=1 4096 4096 8192 15 2002/04/08 12.12.22
CBL.SMS.COMMDS LDS 0 VOL1=CBLM06
CBL.SMS.SCDS LDS 24 13.4 C=1 C=1 C=1 4096 4096 8192 7 2002/03/26
CBL.SQ10299.ESDS.EMPTY ESDS 0(10) 1 1 1 4089 20480 41472 2002/04/10 11.32.21
CBL.SQ10299.KSDS.EMPTY KSDS 0(10) 1 1 1 4089 64,0 20480 41472 1999/03/10
IX 1 1 1 505 512
CBL.SQ10612.MMEXTCUS KSDS 56 8.4 VOL1=CBLM02
IX 1 2.1 VOL1=CBLM03
CBL.SQ10612.MMMASCDE KSDS 74 8.4 VOL1=CBLM03
IX 1 2.1 VOL1=CBLM02
CBL.SQ10612.MMMASSCH KSDS 223 42.3 VOL1=CBLM02
IX 1 2.1 VOL1=CBLM03
VOL1=CBLM03
```

BUFSP /IXL	EXCPS	TIMESTAMP
17408	36	2005/02/03 14.00.39
	20	
8704	24	2005/01/11 13.35.40
	19	
8192	7	2002/04/10 11.32.21
	15	2002/04/08 12.12.22
		2005/01/14
		2002/03/26
	7	2002/03/26
		2002/04/10 11.32.21
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Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj sev=2  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 11.06 FRI 21 OCT 2005 PAGE 1

lc ref=USERCAT.CBLCAT type=c key=cbl.s

ICF	CAT	CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
							TOTAL	PRIME	SEC	CI	CA	----	BLK/IMB	IXL		
CBL.SDF			KSDS	3	0.1		C=5	C=5	C=1			8185V	72,0	8192	17408	36 2005/02/03 14.00.39
			IX	1	3.1		VOL1=CBLM04	1	1			1017		1024	20	
CBL.SELCOPY.DEMO.KSDS			KSDS(R)	9	1.3		VOL1=CBLM04	1	1			100V	6,0	4096	8704	24 2005/01/11 13.35.40
			IX	1	2.1		VOL1=CBLM01	1	1			505		512	19	
CBL.SELCOPY.NAM.ESDS			ESDS(R)	4	8.4		VOL1=CBLM01	1	1			4089V		4096	8192	7 2002/04/10 11.32.21
							VOL1=CBLM03	1	1							
CBL.SMS.ACDS			LDS	0			C=1	C=1	C=1			4096		4096	8192	15 2002/04/08 12.12.22
CBL.SMS.ACDS.COPY			LDS	0			VOL1=CBLM06	1	1			4096		4096	8192	2005/01/14
CBL.SMS.COMMDS			LDS	0			1	1	1			4096		4096	8192	2002/03/26
CBL.SMS.SCDS			LDS	24	13.4		C=1	C=1	C=1			4096		4096	8192	7 2002/03/26
CBL.SQ10299.ESDS.EMPTY			ESDS	0(10)			VOL1=CBLM01	1	1			4089		20480	41472	2002/04/10 11.32.21
							VOL1=CBLM02	1	1			4089	64,0	20480	41472	1999/03/10
CBL.SQ10299.KSDS.EMPTY			KSDS	0(10)			VOL1=CBLM02	1	1			505		512		
			IX				VOL1=CBLM02	1	1			90V	4,0	4096	45568	3 2002/04/10 11.32.23
CBL.SQ10612.MMEXTCUS			KSDS	56	8.4		VOL1=CBLM03	1	1	9	3	400V	5,0	4096	45568	4 2002/04/10 11.32.25
			IX	1	2.1		VOL1=CBLM02	1	1			505		512	5	
CBL.SQ10612.MMMASCDE			KSDS	74	8.4		VOL1=CBLM02	1	1	9	3	420V	8,0	4096	45568	2 2002/04/10 11.32.29
			IX	1	2.1		VOL1=CBLM03	1	1			505		512	3	
CBL.SQ10612.MMMASSCH			KSDS	223	42.3		VOL1=CBLM03	1	1	9	3	420V	8,0	4096	45568	2 2002/04/10 11.32.29
			IX	1	2.1		VOL1=CBLM03	1	1			505		512	3	

Line 1 of 69 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=nbj sev=2
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.06 FRI 21 OCT 2005 PAGE 1
-----
lc key=nbj sev=2
-----
ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS Timestmp
-----
----- TOTAL PRIME SEC ----- CI CA ----- /BLK/IMB ----- /IXL -----
NB.J.CBLIDEMO.KSDS KSDS 403 56.0 C=2 C=2 C=4 4089V 16,0 4096 12288* 1378 2005/02/08 11.22.50
VOL1=CBLM04 ** 071 CI SPLITS**
IX 3 25 4096 IXL=2 675 ** 001 CA SPLITS**
** SEV 2-04 ** BUFSP TOO SMALL FOR EF
** SEV 2-05 ** CA SPLITS EXIST
** SEV 2-08 ** CI SPLITS TOO HIGH (18
** SEV 2-25 ** INEFFICIENT DATA CISIZ
* SEV 1-14 * KSDS/AIX/VRDS HAS NO I
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT
NB.J.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84
VOL1=CBLM05
IX 13 39.4 1
VOL1=CBLM05
*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPAN
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT
NB.J.CBLIDEMO.V0001.KSDS
KSDS 4001 61.8 C=18 C=1 C=1 4089V 4,0 4096 12288* 5771 2005/09/22 15.49.50
VOL1=CBLM04
IX 19 79.2 2 1 1 4089 +4096+ IXL=2 179
VOL1=CBLM04
```

Execute CBLVCAT  
i CBLVCAT ended with return code 12  
OK

The run has completed with return code 12 which indicates that messages of severity level 3 (SEV 3-nn) have been reported. This implies that data sets exist that require urgent attention.

Detailed descriptions of SEV messages may be found in the CBLVCAT User Manual.

Hit <ENTER> to continue.

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Line 1 of 115 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc key=nbj sev=2**  
VCAT Program> **CBLV**

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.06 FRI 21 OCT 2005 PAGE 1

**lc key=nbj sev=2**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	---- ALLOC TRACKS ----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL PRIME SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
NBJ.CBLIDEMO.KSDS	KSDS	403	56.0	C=2 C=2 C=4		4089V	16,0	4096	12288*	1378	2005/02/08 11.22.50
				VOL1=CBLM04							** 071 CI SPLITS**
	IX	3	25.0	1 1 1		4089		4096	IXL=2	675	** 001 CA SPLITS**
				VOL1=CBLM04							** 001 CI SPLITS**
** SEV 2-04 **	BUFSP TOO SMALL FOR EFFICIENCY										
** SEV 2-05 **	CA SPLITS EXIST										
** SEV 2-08 **	CI SPLITS TOO HIGH (18 PC OF INSERTS)										
** SEV 2-25 **	INEFFICIENT DATA CISIZE										
* SEV 1-14 *	KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE										
* SEV 1-22 *	SPEED NOT DEFINED - RECOVERY IS DEFAULT										
NBJ.CBLIDEMO.V0000.KSDS	KSDS	500	24.9	84 21 7*4		4089V	4,0	4096	12288	3208	2005/10/07 15.45.51
				VOL1=CBLM05							** 022 CI SPLITS**
	IX	13	39.4	1 1 1		1017		1024	IXL=2	236	** 008 CA SPLITS**
				VOL1=CBLM05							** 008 CI SPLITS**
*** SEV 3-06 ***	CA SPLITS TOO HIGH (8 PC OF INSERTS)										
*** SEV 3-08 ***	CI SPLITS TOO HIGH (30 PC OF INSERTS)										
** SEV 2-19 **	SEC EXTENTS TOO HIGH										
** SEV 2-25 **	INEFFICIENT DATA CISIZE										
* SEV 1-14 *	KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE										
* SEV 1-15 *	3 CYLS CAN BE RECOVERED WHEN TUNED										
* SEV 1-22 *	SPEED NOT DEFINED - RECOVERY IS DEFAULT										
NBJ.CBLIDEMO.V0001.KSDS	KSDS	4001	61.8	C=18 C=1 C=1		4089V	4,0	4096	12288*	9771	2005/09/22 15.49.50
				VOL1=CBLM04							
	IX	19	79.2	2 1 1		4089		+4096+	IXL=2	179	
				VOL1=CBLM04							

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Line 1 of 115 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj sev=2  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.06 FRI 21 OCT 2005 PAGE 1

lc key=nbj sev=2

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	---- ALLOC TRACKS ----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL PRIME SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
NBJ.CBLIDEMO.KSDS	KSDS	403	56.0	C=2 C=2 C=4		4089V	16,0	4096	12288*	1378	2005/02/08 11.22.50
				VOL1=CBLM04							** 071 CI SPLITS**
	IX	3	25.0	1 1 1		4089		4096	IXL=2	675	** 001 CA SPLITS**
				VOL1=CBLM04							** 001 CI SPLITS**
** SEV 2-04 **	BUFSP TOO SMALL FOR EFFICIENCY										
** SEV 2-05 **	CA SPLITS EXIST										
** SEV 2-08 **	CI SPLITS TOO HIGH (18 PC OF INSERTS)										
** SEV 2-25 **	INEFFICIENT DATA CISIZE										
* SEV 1-14 *	KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE										
* SEV 1-22 *	SPEED NOT DEFINED - RECOVERY IS DEFAULT										
NBJ.CBLIDEMO.V0000.KSDS	KSDS	500	24.9	84 21 7*4		4089V	4,0	4096	12288	3208	2005/10/07 15.45.51
				VOL1=CBLM05							** 022 CI SPLITS**
	IX	13	39.4	1 1 1		1017		1024	IXL=2	236	** 008 CA SPLITS**
				VOL1=CBLM05							** 008 CI SPLITS**
*** SEV 3-06 ***	CA SPLITS TOO HIGH (8 PC OF INSERTS)										
*** SEV 3-08 ***	CI SPLITS TOO HIGH (30 PC OF INSERTS)										
** SEV 2-19 **	SEC EXTENTS TOO HIGH										
** SEV 2-25 **	INEFFICIENT DATA CISIZE										
* SEV 1-14 *	KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE										
* SEV 1-15 *	3 CYLS CAN BE RECOVERED WHEN TUNED										
* SEV 1-22 *	SPEED NOT DEFINED - RECOVERY IS DEFAULT										
NBJ.CBLIDEMO.V0001.KSDS	KSDS	4001	61.8	C=18 C=1 C=1		4089V	4,0	4096	12288*	9771	2005/09/22 15.49.50
				VOL1=CBLM04							
	IX	19	79.2	2 1 1		4089		+4096+	IXL=2	179	
				VOL1=CBLM04							

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Line 1 of 115 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj sev=3 tune  
VCAT Program> CBLV

Next, we further enhance our report by listing only data sets that have a tune status condition of severity level 3 and, for each data set, display tuning recommendations.

ICBLVCAT REL 2.10z14 OS JOB=JGE2 14.06 FRI 21 OCT 2005 PAGE 1

lc key=nbj sev=2

ICF	CAT	CBLMCT	(3390)					MAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP	
								---	/BLK/IMB	-----	/IXL	-----	-----	
NBJ.CBLIDEMO.	KSDS			403	56.0	C=2	C=2	C=4	4089V	16,0	4096	12288*	1378	2005/02/08 11.22.50
						VOL1=CBLM04								** 071 CI SPLITS**
	IX			3	25.0	1	1	1	4089		4096	IXL=2	675	** 001 CA SPLITS**
						VOL1=CBLM04								** 001 CI SPLITS**
** SEV 2-04 **	BUFSP	TOO	SMALL	FOR	EFFICIENCY									
** SEV 2-05 **	CA	SPLITS	EXIST											
** SEV 2-08 **	CI	SPLITS	TOO	HIGH	(18	PC	OF	INSERTS)						
** SEV 2-25 **	INEFFICIENT	DATA	CISIZE											
* SEV 1-14 *	KSDS/AIX/VRDS	HAS	NO	IMBEDDED	FREE	SPACE								
* SEV 1-22 *	SPEED	NOT	DEFINED	-	RECOVERY	IS	DEFAULT							
NBJ.CBLIDEMO.V0000.	KSDS			500	24.9	84	21	7*4	4089V	4,0	4096	12288	3208	2005/10/07 15.45.51
						VOL1=CBLM05								** 022 CI SPLITS**
	IX			13	39.4	1	1	1	1017		1024	IXL=2	236	** 008 CA SPLITS**
						VOL1=CBLM05								** 008 CI SPLITS**
*** SEV 3-06 ***	CA	SPLITS	TOO	HIGH	(8	PC	OF	INSERTS)						
*** SEV 3-08 ***	CI	SPLITS	TOO	HIGH	(30	PC	OF	INSERTS)						
** SEV 2-19 **	SEC	EXTENTS	TOO	HIGH										
** SEV 2-25 **	INEFFICIENT	DATA	CISIZE											
* SEV 1-14 *	KSDS/AIX/VRDS	HAS	NO	IMBEDDED	FREE	SPACE								
* SEV 1-15 *	3	CYLS	CAN	BE	RECOVERED	WHEN	TUNED							
* SEV 1-22 *	SPEED	NOT	DEFINED	-	RECOVERY	IS	DEFAULT							
NBJ.CBLIDEMO.V0001.	KSDS			4001	61.8	C=18	C=1	C=1	4089V	4,0	4096	12288*	9771	2005/09/22 15.49.50
						VOL1=CBLM04								
	IX			19	79.2	2	1	1	4089		+4096+	IXL=2	179	
						VOL1=CBLM04								

Line 1 of 115 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help

Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=nbj sev=3 tune
VCAT Program> CBLV

-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.06 FRI 21 OCT 2005 PAGE 1

lc key=nbj sev=2

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS Timestmp
-----
TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NB.J.CBLIDEMO.KSDS KSDS 403 56.0 C=2 C=2 C=4 4089V 16,0 4096 12288* 1378 2005/02/08 11.22.50
VOL1=CBLM04 ** 071 CI SPLITS**
IX 3 25.0 1 1 1 4089 4096 IXL=2 675 ** 001 CA SPLITS**
** 001 CI SPLITS**

** SEV 2-04 ** BUFSP TOO SMALL FOR EFFICIENCY
** SEV 2-05 ** CA SPLITS EXIST
** SEV 2-08 ** CI SPLITS TOO HIGH (18 PC OF INSERTS)
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

NB.J.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3208 2005/10/07 15.45.51
VOL1=CBLM05 ** 022 CI SPLITS**
IX 13 39.4 1 1 1 1017 1024 IXL=2 236 ** 008 CA SPLITS**
** 008 CI SPLITS**

*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

NB.J.CBLIDEMO.V0001.KSDS
KSDS 4001 61.8 C=18 C=1 C=1 4089V 4,0 4096 12288* 9771 2005/09/22 15.49.50
VOL1=CBLM04
IX 19 79.2 2 1 1 4089 +4096+ IXL=2 179
VOL1=CBLM04
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Line 1 of 115 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...



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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=nbj sev=3 tune
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.07 FRI 21 OCT 2005 PAGE 1
-----
lc key=nbj sev=3 tune

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
-----
TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NB.J.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3208 2005/10/07 15.45.51
IX 13 39 1024 IXL=2 236 ** 022 CI SPLITS**
*** SEV 3-06 *** CA SPLITS TOO HIGH (8
*** SEV 3-08 *** CI SPLITS TOO HIGH (30
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

*** WARN 016 *** LARGE ALLOC CHANGE

CBL TUNED
-----
DATA (
CISZ (18432) - * NEW PHYREC SIZE=18432, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2044,4089) - * DEFINED AVLRECL=1024
FREESPACE (18,5) - * GIVES FREE REC=2/9, FREE CI=2/45
BUFFERSPACE (40960) - * 40K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT

* USING AVLRECL=2044 --- FILE CAPACITIES (NRECS) ---
* --- TUNED --- --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
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Execute CBLVCAT
i CBLVCAT ended with return code 12
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Execute CBLVCAT
View Back Forward FDB Edit Raw Help

Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=nbj sev=3 tune
VCAT Program> CBLV

-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.07 FRI 21 OCT 2005 PAGE 1

lc key=nbj sev=3 tune

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
-----
TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NB.J.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3208 2005/10/07 15.45.51
VOL1=CBLM05 ** 022 CI SPLITS**
IX 13 39.4 1 1 1 1017 1024 IXL=2 236 ** 008 CA SPLITS**
** 008 CI SPLITS**

*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

*** WARN 016 *** LARGE ALLOC CHANGE

CBL TUNED
DATA (
CISZ (18432) - * NEW PHYREC SIZE=18432, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2044,4089) - * DEFINED AVLRECL=1024
FREESPACE (18,5) - * GIVES FREE REC=2/9, FREE CI=2/45
BUFFERSPACE (40960) - * 40K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT

* USING AVLRECL=2044 --- FILE CAPACITIES (NRECS) ---
* --- TUNED --- --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
* --- --- --- --- --- ---
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Line 1 of 61 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=nbj sev=3 tune

Position the cursor and page down with <F8>.

-----SysPrint-----  
idgend UK (Internal Only) OS JOB=JGE2 14.07 FRI 21 OCT 2005 PAGE 1

ICF	CAT	CBL	CT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	-----	-----	-----	-----	-----	-----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
NBJ	CBLIDEMO	V0000	KSDS	KSDS	500	24.9	84	21	7*4		4089V	4,0	4096	12288	3208	2005/10/07 15.45.51	
							VOL1=CBLM05									** 022 CI SPLITS**	
				IX	13	39.4	1	1	1		1017		1024	IXL=2	236	** 008 CA SPLITS**	
							VOL1=CBLM05									** 008 CI SPLITS**	

\*\*\* SEV 3-06 \*\*\* CA SPLITS TOO HIGH (8 PC OF INSERTS)  
\*\*\* SEV 3-08 \*\*\* CI SPLITS TOO HIGH (30 PC OF INSERTS)  
\*\* SEV 2-19 \*\* SEC EXTENTS TOO HIGH  
\*\* SEV 2-25 \*\* INEFFICIENT DATA CISIZE  
\* SEV 1-14 \* KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE  
\* SEV 1-15 \* 3 CYLS CAN BE RECOVERED WHEN TUNED  
\* SEV 1-22 \* SPEED NOT DEFINED - RECOVERY IS DEFAULT

\*\*\* WARN 016 \*\*\* LARGE ALLOC CHANGE

CBL TUNED

DATA (  
CISZ (18432) - \* NEW PHYREC SIZE=18432, CURRENT=4096  
CYLINDERS (2,1) - \* OPTIMISED FOR DEVICE GEOMETRY  
RECORDSIZE (2044,4089) - \* DEFINED AVLRECL=1024  
FREESPACE (18,5) - \* GIVES FREE REC=2/9, FREE CI=2/45  
BUFFERSPACE (40960) - \* 40K MINIMUM FOR DIRECT PROCESSING  
SPEED ) \* DON'T ALLOW DEFAULT

\* USING AVLRECL=2044 --- FILE CAPACITIES (NRECS) ---  
\* --- TUNED ---  
\* PCNT PRIME SEC PCNT ORIG (ESTD) ---  
\* --- PRIME SEC ---

Line 1 of 61 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=nbj sev=3 tune
VCAT Program> CBLV
-----SysPrint-----
ICF CAT CBLVCAT (3390) TYPE NRECS PCNT ALLOC TRACKS FRSP
----- TOTAL PRIME SEC CI CA
NBJ.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4
VOL1=CBLM05
IX 13 39.4 1 1 1
VOL1=CBLM05
*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
* SEV 1-14 * KSDS/AIX/VRDS HAS NO IMBEDDED FREE SPACE
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT
*** WARN 016 *** LARGE ALLOC CHANGE
CBL TUNED
DATA (
CISZ (18432) - * NEW PHYREC SIZE=18432, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2044,4089) - * DEFINED AVLRECL=1024
FREESPACE (18,5) - * GIVES FREE REC=2/9, FREE CI=2/45
BUFFERSPACE (40960) - * 40K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT
* USING AVLRECL=2044 --- FILE CAPACITIES (NRECS) ---
* --- TUNED --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
* --- --- ---
* INIT LOAD 74 602 301 44 252 84
* FREE 26 208 104 0 0 0
* --- --- ---
* 100 810 405 44 252 84
* --- --- ---
OPTIONAL JCL OVERRIDE FOR SEQ I/O
Line 8 of 61 Col 1 of 135 Views 1 select *

```

CBLVCAT's data set tuning recommendations are based on an average LRECL value, the current number of records and, by default, an assumption that records may be inserted uniformly throughout the data set after it has been re-organised.

We can see from the CBL TUNED block that CBLVCAT has recommended a FREESPACE definition for future inserts and has based its other recommendations on a calculated average record length (AVLRECL) of 2044 bytes.

The FILE CAPACITIES block indicates 100% usage of the prime allocation space is anticipated when the data set is tuned with these recommendations compared with only 44% in its current form.

However, using local knowledge of the data set NBJ.CBLIDEMO.V0000.KSDS, we can specify CBLVCAT tuning parameters to yield recommendations that more accurately reflect the data set's usage.

We hit <F3> to exit both Execute CBLVCAT windows and proceed using CLI commands from our edited CMX (command execution) file.

```

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00066

```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat dsn type vol2 ! listcat type=u ref=CATALOG.Z16.MASTER
VCAT Program> CBLV
-----SysPrint-----
ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 05/10/21 PAGE 1
-----
report vcat dsn type vol2
listcat type=u ref=CATALOG.Z16.MASTER

ICF CAT Z6SYS1 (3390)
-----
CATALOG.OS390.MASTER
USERCAT.CBLCA
USERCAT.Z16.CICS
USERCAT.Z16.DB2V7
USERCAT.Z16.DB2V8
USERCAT.Z16.IMS
USERCAT.Z16.PRODS
USERCAT.Z16.WAS
TYPE          VOLSER  DEVICE ...
-----
USERCAT       OS39M1  3390
USERCAT       CBLMCT  3390
USERCAT       Z6CIC1  3390
USERCAT       Z6DB71  3390
USERCAT       Z6DB81  3390
USERCAT       Z6IMS1  3390
USERCAT       Z6RES2  3390
USERCAT       Z6WAS2  3390

CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222
** Expiry: 2006-07-25 **
```

```
...11
00023
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00062
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00064
00065
00066
```

Line 1 of 23 Col 1 of 135 Views 1 select \*

```
<cbli v listcat key=nbj.cbli.demo.test linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...

<F21> to pass focus to the next window.

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.CBLV *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbli v listvcat ref=usercat.cblcat 00025
00026
<e cbl.wvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbli v < cbl.wvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbli v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbli v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbli v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned. 00055
Get actual LRECL. 00056
<nomsg getavrl nbj.cblidemo.test 00057
00058
<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL. 00058
00059
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define 00059
00060
<ams repro indataset(nbj.cblidemo.test) \ 00061
outdataset(nbj.cblidemo.test.tuned) 00062
00063
<cbli v listcat key=nbj.cblidemo.test linespace=4 00064
*EndTUNE* 00065
00066
```

```
0000 000000 00

-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.test/_nbj.cblidemo.test/*'EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL. 00056
00057
<c /avlrcl=1024/_avlrcl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define 00059
00060
<ams repro indataset(nbj.cblidemo.test) \ 00061
outdataset(nbj.cblidemo.test.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.test linespace=4 00064
*EndTUNE* 00065
00066

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
-----CBLi-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.Cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=use 00025
00026
<e cbl.wvc.ctl(i 00027
<cbl v < cbl.wvc.ctl(i 00028
00029
** Display all data sets 00030
<!cbl v opt linespace= 00031
key=cbl. ext 00032
00033
** Display the 20 largest 00034
<!cbl v report vcat v 00035
listvtoc vol=cbl 00036
00037
** Report of all VSAM ent 00038
<!cbl v opt pw=100 noiy 00039
report vcat ds 00040
listvcat ref=US 00041
listvcat ref=US 00042
listvcat ref=US 00043
listvcat ref=US 00044
00045
** Combined VTOC and cata 00046
<!cbl v report vcat de 00047
report vtoc ch 00048
listvcat 00049
listvtoc vol=cbl 00050
00051
** Tune a KSDS data set using actual average LRECL ** 00052
00053
<c /nbj.cblidemo.test/_nbj.cblidemo.test/ /*'EndTUNE*/ * | Tailor DSN to be tuned. 00054
Get actual LRECL. 00055
<nomsg getavrl nbj.cblidemo.test 00056
00057
<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define 00059
00060
<ams repro indataset(nbj.cblidemo.test) \ 00061
outdataset(nbj.cblidemo.test.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.test linespace=4 00064
*EndTUNE* 00065
00066
```

We have set up a sequence of commands in our CMX file that complete the task of VSAM data set tuning.

The benefit of storing commands in a data set becomes obvious when we have to execute the same, sometimes complex command or commands on more than one occasion.

First we use the CBLi CLI "CHANGE" command (synonym "C") to tailor the commands that follow so that they reference the data set to be tuned. Each command is actioned using <F4> which is assigned to the CMDTEXT function.

Note that CMDTEXT treats "" (back quote) characters as null and ' (OR symbol) as the command string termination.



```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.test/ /*EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.test tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.test)
outdataset(nbj.cblidemo.test.tuned)

<cbl v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.v0000.ksds /*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test)
outdataset(nbj.cblidemo.test.tuned)

<cblv v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.test/_nbj.cblidemo.v0000.ksds /*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.test | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.test tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.test)
outdataset(nbj.cblidemo.test.tuned)

<cbli v listcat key=nbj.cblidemo.test linespace=4
*EndTUNE*
```

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
EDT020I 6 occurrence(s) changed on 6 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start !\
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=1024/_avlrcl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
Command>
EDT020I 6 occurrence(s) changed on 6 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44
listvcat ref=USERCA
listvcat ref=USERCA
listvcat ref=USERCA

** Combined VTOC and catalog
<!cblv v report vcat define
report vtoc create
listvcat
listvtoc vol=cblm*

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Next, we hit <F4> to execute the CBL supplied GETAVRL macro against our data set. GETAVRL uses SELCOPY to read every record of the specified data set and return an accurate average LRECL value.

lrecl  
:/:  
:/:  
:/:

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
EDT020I 6 occurrence(s) changed on 6 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start !\
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

-CBLi

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

Command>  
EDT020I 6 occurrence(s) changed on 6 line(s).  
.cblv \*\*\* CBLVCAT Interactive (VCI) Demo \*\*\*  
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.  
<cblv v listvcat ref=usercat.cblcat  
  
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.  
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.  
  
\*\* Display all data sets with hlq CBL that possess SMS Extended attributes \*\*  
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext  
  
\*\* Display the 20 largest available extents across all CBL volumes \*\*  
<!cblv v report vtoc volume sortd alloc start !\  
 listvtoc vol=cbl\* summary freetab stopaft 20 merge  
  
\*\* Report of all VSAM entries in 3 pr cords \*\*  
<!cblv v opt pw=100 noindex novol  
 report vcat dsn 44 sortd  
 listvcat ref=USERCAT.Z16.DB  
 listvcat ref=USERCAT.Z16.WA  
 listvcat ref=USERCAT.Z16.PR  
  
\*\* Combined VTOC and catalog report hlq NBJ \*\*  
<!cblv v report vcat defined 15 sort dsn 37 vol1 type :\  
 report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl :\  
 listvcat key=NBJ. noalias noindex merge :\  
 listvtoc vol=cblm\* key=NBJ. merge :\  
  
\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avlrecl=1024/\_avlrecl=1024/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=1024 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
 outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

GETAVL Message

Average LRECL of Data Set  
'NBJ.CBLIDEMO.V0000.KSDS': 2,452

OK

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Line=23 Col=1 Alt=2,2;2 Size=791 Recl=252 Fmt=V Files=2 Views=2

-----CBLLe-----

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-----CBL.CMX(CBLIDEMO) 252 V PDS-----

-----CBL.CMX(JGE2) 252 V PDS-----

```
Command>
EDT020I 6 occurrence(s) changed on 6 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 pr
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd
listvcat ref=USERCAT.Z16.DB
listvcat ref=USERCAT.Z16.WA
listvcat ref=USERCAT.Z16.PR

sort hlq NBJ **
5 sort dsn 37 vol1 type
5 sort dsn 37 volume 8 type cyl/hd recfm lrecl
key=NBJ. noalias noindex merge
key=NBJ. merge

** Tune 3 KSDS data sets using actual average LRECL **
<c /nbj.cblidemo.v0000.kds/_nbj.cblidemo.v0000.kds/ /*'EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl _nbj.cblidemo.v0000.kds | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*'EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.kds tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.kds)
outdataset(nbj.cblidemo.v0000.kds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.kds linespace=4
*EndTUNE*
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GETAVL Message  
Average LRECL of Data Set  
'NBJ.CBLIDEMO.V0000.KSDS': 2,452  
OK

cordS \*\*

Line=23 Col=1 Alt=2,2;2 Size=791 Recl=252 Fmt=V Files=2 Views=2

To tailor subsequent commands, we use the average record length value (2452) in the 2nd of our CBL "CHANGE" commands.



```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avrlrecl=1024/_avrlrecl=1024/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avrlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrecl=1024/_avlrecl=2452 /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=1024 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
EDT020I 2 occurrence(s) changed on 2 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start !\
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrecl=2452/_avlrecl=2452 /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-----CBLi-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
EDT020I 2 occurrence(s) changed on 2 line(s).
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblvcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the number of records **
<cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Tailor DSN to be tuned. Get actual LRECL.
<cblv v listvtoc vol=cblm05 free | Tailor DSN to be tuned. Get actual LRECL.
<nomsg getavrl nbj.cblidemo.v0000.ksds

** Tailor Average LRECL.
<c /avirecl=2452/_avirecl=2452/ /*EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

As already mentioned, CBLVCAT Interactive may be invoked using the CBLi CLI command "VCAT" (synonym "V").

We re-generate our earlier report requesting tuning recommendations, but this time we override CBLVCAT's calculated average record length with our precise value. Also, using "GROWTH=0", we instruct CBLVCAT that we expect no further insertions following re-organisation of the data set. The "DEFINE" parameter will cause CBLVCAT to generate an IDCAMS DELETE/DEFINE job deck.

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
EDT020I 2 occurrence(s) changed on 2 line(s).
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start !\
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avirecl=2452/_avirecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.09 FRI 21 OCT 2005 PAGE 1
-----
listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
-----
NBJ.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3630 2005/10/07 15.45.51
IX 13 39 1024 IXL=2 248 ** 022 CI SPLITS**
** 008 CA SPLITS**
*** SEV 3-06 *** CA SPLITS TOO HIGH (8
*** SEV 3-08 *** CI SPLITS TOO HIGH (30
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
** SEV 2-27 ** TUNING FOR RECORDS/AVLRECL CHANGE REQUEST
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

*** WARN 016 *** LARGE ALLOC CHANGE

CBL TUNED
DATA (
CISZ (10240) - * NEW PHYREC SIZE=10240, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2452,4089) - * DEFINED AVLRECL=1024
BUFFERSPACE (24576) - * 24K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT
*** WARN 019 *** SKELETON DECK ONLY - ATTENTION REQUIRED

* USING AVLRECL=2452 --- FILE CAPACITIES (NRECS) ---
* --- TUNED --- --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
```

Execute CBLVCAT  
i CBLVCAT ended with return code 12  
OK

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This frame's title will come here...

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.09 FRI 21 OCT 2005 PAGE 1
-----
listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
-----
NBJ.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3630 2005/10/07 15.45.51
VOL1=CBLM05 ** 022 CI SPLITS**
IX 13 39.4 1 1 1 1017 1024 IXL=2 248 ** 008 CA SPLITS**
VOL1=CBLM05 ** 008 CI SPLITS**

*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
** SEV 2-27 ** TUNING FOR RECORDS/AVLRECL CHANGE REQUEST
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

*** WARN 016 *** LARGE ALLOC CHANGE

CBL TUNED
DATA (
CISZ (10240) - * NEW PHYREC SIZE=10240, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2452,4089) - * DEFINED AVLRECL=1024
BUFFERSPACE (24576) - * 24K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT
*** WARN 019 *** SKELETON DECK ONLY - ATTENTION REQUIRED

* USING AVLRECL=2452 --- FILE CAPACITIES (NRECS) ---
* ----- TUNED ----- --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
```

```
...11
00023
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```

```
Line 1 of 62 Col 1 of 135 Views 1 select *
/* CISZ (10240) - 000040
CISZ ( 4096) */ - 000041
CYLINDERS ( 2, 1) - 000042
Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3
```

This frame's title will come here...



```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 14.09 FRI 21 OCT 2005 PAGE 1
-----
listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define

ICF CAT CBLICT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
-----
NBJ.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3630 2005/10/07 15.45.51
VOL1=CBLM05 ** 022 CI SPLITS**
IX 13 39.4 1 1 1 1017 1024 IXL=2 248 ** 008 CA SPLITS**
VOL1=CBLM05 ** 008 CI SPLITS**

*** SEV 3-06 *** CA SPLITS TOO HIGH (8 PC OF INSERTS)
*** SEV 3-08 *** CI SPLITS TOO HIGH (30 PC OF INSERTS)
** SEV 2-19 ** SEC EXTENTS TOO HIGH
** SEV 2-25 ** INEFFICIENT DATA CISIZE
** SEV 2-27 ** TUNING FOR RECORDS/AVLRECL CHANGE REQUEST
* SEV 1-15 * 3 CYLS CAN BE RECOVERED WHEN TUNED
* SEV 1-22 * SPEED NOT DEFINED - RECOVERY IS DEFAULT

*** WARN 016 *** LARGE ALLOC CHANGE

CBL TUNED
DATA (
CISZ (10240) - * NEW PHYREC SIZE=10240, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2452,4089) - * DEFINED AVLRECL=1024
BUFFERSPACE (24576) - * 24K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT
*** WARN 019 *** SKELETON DECK ONLY - ATTENTION REQUIRED

* USING AVLRECL=2452 --- FILE CAPACITIES (NRECS) ---
* ----- TUNED ----- --- ORIG (ESTD) ---
* PCNT PRIME SEC PCNT PRIME SEC
```

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```
Line 1 of 62 Col 1 of 135 Views 1 select *
/* CISZ (10240) - 00040
CISZ (4096) */ - 00041
CYLINDERS (2, 1) - 00042
Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3
```

This frame's title will come here...

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
VCAT Program> CBLV
-----SysPrint-----
ICF CAT CBLNCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
----- TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NBJ.CBLIDEMO.V0000.KSDS
KSDS 500 24.9 84 21 7*4 4089V 4,0 4096 12288 3630 2005/10/07 15.45.51
VOL1=CBLM05 ** 022 CI SPLITS**
IX 13 39.4 1 1 1 1017 1024 IXL=2 248 ** 008 CI SPLITS**

*** SEV 3-06 ***
*** SEV 3-08 ***
*** SEV 2-19 ***
*** SEV 2-25 ***
*** SEV 2-27 ***
* SEV 1-15 *
* SEV 1-22 *

*** WARN 016

CBL TUNED
DATA (
CISZ (10240) - * NEW PHYREC SIZE=10240, CURRENT=4096
CYLINDERS (2,1) - * OPTIMISED FOR DEVICE GEOMETRY
RECORDSIZE (2452,4089) - * DEFINED AVLRECL=1024
BUFFERSPACE (24576) - * 24K MINIMUM FOR DIRECT PROCESSING
SPEED ) * DON'T ALLOW DEFAULT
*** WARN 019 *** SKELETON DECK ONLY - ATTENTION REQUIRED

* USING AVLRECL=2452 --- FILE CAPACITIES (NRECS) ---
* PCNT TUNED PRIME SEC PCNT ORIG (ESTD) SEC
* INIT LOAD 89 600 300 44 252 84
* FREE 0 0 0 0 0 0
* 89 600 300 44 252 84
* -- -- -- -- -- --
```

This time, no FREESPACE is recommended and our average record length value has resulted in different tuning recommendations for CISZ and BUFFERSPACE.  
We hit <F8> to view the rest of the report.

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```

```
Line 8 of 62 Col 1 of 135 Views 1 select *
/* CISZ (10240) - 000040
CISZ ( 4096) */ - 000041
CYLINDERS ( 2, 1) - 000042
Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
VCAT Program> CBLV
-----SysPrint-----
OPTIONAL JCL OVERRIDE FOR SEQ I/O
-----
BUFND=5      * (50K)  FAST
BUFND=8      * (80K)  URGENT
BUFND=27     * (270K) **TURBO** (BUT WILL IMPACT OTHER WORK)

*** WARN 001 *** 12 = RETURN CODE FROM CBLVCAT

** CBLVCAT 2.10.156 Licensed by Compu ***
```

Based on the existing data set characteristics, the JCL OVERRIDE block recommends numbers of data buffers that may be allocated to buffer pools in order to improve sequential processing of the data set.

<F3> to close the window and return to the CBL window where the IDCAMS DEFINE deck has been generated in an edit view.

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```

Line 50 of 62	Col 1 of 135	Views 1	select *	
/*	CISZ	(10240)	-	00040
/*	CISZ	( 4096)	*/	00041
	CYLINDERS	( 2, 1)	-	00042

Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS -+X

**-CBL.CMX(JGE2)** 252 V PDS -+X

**-CBL.CMX(TUNED)** 72 F SEQ -+X

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7.>..
//CBLDEF01 JOB                                000001
//JOB CAT DD DSN=USERCAT.CBLCAT,DISP=SHR      000002
//STEP2 EXEC PGM=IDCAMS                       000003
//SYS PRINT DD SYSOUT=*                       000004
//SYS IN DD *                                 000005
*** WARN @16 *** LARGE ALLOC CHANGE          000006
/* DEL NBJ.CBLIDEMO.V0000.KSDS                000007
/* CLUSTER - /*                               000008
/* PURGE - /*                                 000009
/* CATALOG (USERCAT.CBLCAT)                   000010
DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)   000011
INDEXED /* KSDS /*                            000012
BUFFERSPACE ( 24576)                          000013
/* BUFFERSPACE ( 12288) /*                     000014
/* RECORDSIZE ( 2452, 4089) /*                 000015
/* RECORDSIZE ( 1024, 4089) /*                000016
/* SPEED /*                                    000017
/* RECOVERY /*                                 000018
STORAGECLASS (CBLDFLT)                         000019
MANAGEMENTCLASS(CBLDFLT)                       000020
NOWRITECHECK -                                000021
NONSPANNED -                                  000022
FREESPACE ( 0, 0) -                           000023
KEYS ( 4, 0) -                                000024
NOIMBED -                                     000025
NOREPLICATE -                                000026
SHAREOPTIONS (1,3) -                          000027
NOERASE -                                     000028
UNORDERED -                                  000029
NOREUSE -                                     000030
NODESTAGWAIT -                               000031
STAGE -                                       000032
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)     000033
VOLUMES ('CBLM05') -                          000034
/* CISZ (10240) -                              000035
/* CISZ (4096) /*                              000036
CYLINDERS ( 2, 1) -                            000037
```

.....9.....+...10.....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
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o be tuned. 000055  
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Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

-CBLi  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V P

-CBL.CMX(JGE2) 252 V PD

-CBL.CMX(TUNED)

```
Command> cmxams  
|...+...1...+...2...+  
//CBLDEF01 JOB  
//JOB CAT DD DSN=USERCAT.  
//STEP2 EXEC PGM=IDCAMS  
//SYS PRINT DD SYSOUT=*  
//SYS IN DD *  
*** WARN @16 *** LARGE ALLOC CHANGE  
  
/* DEL NBJ.CBLIDEMO.V0000.KSDS - */  
/* CLUSTER - */  
/* PURGE - */  
/* CATALOG (USERCAT.CBLCAT) */  
  
DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS) /* */ -  
INDEXED /* KSDS */ -  
BUFFERSPACE ( 24576) -  
/* BUFFERSPACE ( 12288) */ -  
/* RECORDSIZE ( 2452, 4089) */ -  
/* RECORDSIZE ( 1024, 4089) */ -  
/* SPEED -  
/* RECOVERY -  
STORAGECLASS (CBLDFLT ) -  
MANAGEMENTCLASS(CBLDFLT ) -  
NOWRITECHECK -  
NONSPANNED -  
FREESPACE ( 0, 0) -  
KEYS ( 4, 0) -  
NOIMBED -  
NOREPLICATE -  
SHAREOPTIONS (1,3) -  
NOERASE -  
UNORDERED -  
NOREUSE -  
NODESTAGWAIT -  
STAGE -  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA) -  
VOLUMES ('CBLM05') -  
/* CISZ (10240) -  
/* CISZ ( 4096) */ -  
/* CYLINDERS ( 2, 1) -
```

Issuing the CBL supplied CMXAMS macro converts CBLV CAT IDCAMS DEFINE deck output into CBLi CLI "AMS" command format suitable for execution using <F4> (CMDTEXT).

```
.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
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00039  
** 00040  
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o be tuned. 00055  
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00065  
00066
```

Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

-CBLi

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx < >

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ

```
Command> cmxams  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7.>..  
//CBLDEF01 JOB 000001  
//JOB CAT DD DSN=USERCAT.CBLCAT,DISP=SHR 000002  
//STEP2 EXEC PGM=IDCAMS 000003  
//SYS PRINT DD SYSOUT=* 000004  
//SYS IN DD * 000005  
*** WARN @16 *** LARGE ALLOC CHANGE 000006  
000007  
/* DEL NBJ.CBLIDEMO.V0000.KSDS - /* 000008  
/* CLUSTER - /* 000009  
/* PURGE - /* 000010  
/* CATALOG (USERCAT.CBLCAT) /* 000011  
000012  
DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS) /* /* - 000013  
INDEXED /* KSDS /* - 000014  
BUFFERSPACE ( 24576) - 000015  
/* BUFFERSPACE ( 12288) /* - 000016  
RECORDSIZE ( 2452, 4089) - 000017  
/* RECORDSIZE ( 1024, 4089) /* - 000018  
SPEED - 000019  
/* RECOVERY /* - 000020  
STORAGECLASS (CBLDFLT) - 000021  
MANAGEMENTCLASS(CBLDFLT) - 000022  
NOWRITECHECK - 000023  
NONSPANNED - 000024  
FREESPACE ( 0, 0) - 000025  
KEYS ( 4, 0) - 000026  
NOIMBED - 000027  
NOREPLICATE - 000028  
SHAREOPTIONS (1,3) - 000029  
NOERASE - 000030  
UNORDERED - 000031  
NOREUSE - 000032  
NODESTAGWAIT - 000033  
STAGE - 000034  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA) - 000035  
VOLUMES ('CBLM05') - 000036  
CISZ (10240) - 000037  
/* CISZ ( 4096) /* - 000038  
CYLINDERS ( 2, 1) - 000039  
000040  
000041  
000042
```

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
000034  
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o be tuned. 000055  
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Line=1 Col=1 Alt=0,0;0 Size=53 Recl=72 Fmt=F Files=3 Views=3

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-CBLi

File Edit Actions Options Window Help    Sv ToF BoF wS wR Pfx < >

-CBL.CMX(CBLIDEMO)    252 V PDS

-CBL.CMX(JGE2)    252 V PDS

-CBL.CMX(TUNED)    72 F SEQ

Command>

```
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...  
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)                    000001  
INDEXED                                                                    000002  
BUFFERSPACE (    24576)                                                    000003  
RECORDSIZE (    2452, 4089)                                               000004  
SPEED                                                                       000005  
STORAGECLASS (CBLDFLT )                                                   000006  
MANAGEMENTCLASS(CBLDFLT )                                                000007  
NOWRITECHECK                                                               000008  
NONSPANNED                                                                 000009  
FREESPACE (    0,    0)                                                    000010  
KEYS (    4,    0)                                                         000011  
NOIMBED                                                                     000012  
NOREPLICATE                                                                000013  
SHAREOPTIONS (1,3)                                                         000014  
NOERASE                                                                     000015  
UNORDERED                                                                  000016  
NOREUSE                                                                     000017  
NODESTAGWAIT                                                               000018  
STAGE                                                                       000019  
  )                                                                         000020  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)                               000021  
  VOLUMES ( 'CBLM05'                                                       000022  
  )                                                                         000023  
  CISZ (    10240)                                                         000024  
  CYLINDERS (    2,    1)                                                   000025  
  )                                                                         000026  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)                             000027  
  VOLUMES ( 'CBLM05'                                                       000028  
  )                                                                         000029  
  CISZ (    1024)                                                         000030  
  )                                                                         000031  
CATALOG (USERCAT.CBLCAT)                                                 000032  
  )                                                                         000033  
  )                                                                         000034  
  )                                                                         000035  
  )                                                                         000035
```

\*\*\* End of File \*\*\*

.....9.....+...10.....+...11  
parameter.    000023  
   000024  
   000025  
   000026  
data set.     000027  
   000028  
   000029  
   000030  
at key=cbl. ext     000031  
   000032  
   000033  
   000034  
   000035  
   000036  
   000037  
   000038  
\*\*     000039  
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   000065  
   000066

Line=1    Col=1    Alt=12,12;1    Size=34    Recl=72    Fmt=F    Files=3    Views=3

-----CBLLe-----  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-----CBL.CMX(CBLIDEMO) 252 V PDS-----  
-----CBL.CMX(JGE2) 252 V PDS-----  
-----CBL.CMX(TUNED) 72 F SEQ-----  
Command> all/KSDS/

```
1...+...1...+...2...+...3...+...
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERASE
UNORDERED
NOREUSE
NODESTAGWAIT
STAGE
)
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)
VOLUMES ('CBLM05'
)
CISZ (10240)
CYLINDERS ( 2, 1)
)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)
VOLUMES ('CBLM05'
)
CISZ ( 1024)
)
CATALOG (USERCAT.CBLCAT)

*** End of File ***
```

00013  
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Line=1 Col=1 Alt=12,12;1 Size=34 Recl=72 Fmt=F Files=3 Views=3

For the purposes of this presentation, instead of re-organising data set NBJ.CBLIDEMO.V0000.KSDS, we shall define a new cluster, NBJ.CBLIDEMO.V0000.KSDS.TUNED, and REPRO data from our un-tuned cluster.

In what follows, we use CBLLe edit commands and features to tailor the AMS command. First we display all references to the cluster, data and index names (each contain the string "KSDS".) This is so that we can re-position the "\" backslash CMDTEXT continuation character on these lines only



**We now reposition the "\ (backslash) CMDTEXT continuation character on these lines so that their positions will be restored when we change all occurrences of ".KSDS" to ".KSDS.TUNED".**

**In this case we use <F15> to mark the top left and bottom right corners of a block, then <F13> to delete the block.**

```
.....9.....+...10.....+...11
parameter.          00023
                   00024
                   00025
                   00026
                   00027
data set.           00028
                   00029
                   00030
at key=cbl. ext    00031
                   00032
                   00033
                   00034
                   00035
                   00036
                   00037
                   00038
**                 00039
                   00040
                   00041
                   00042
                   00043
                   00044
                   00045
                   00046
                   00047
                   00048
                   00049
                   00050
                   00051
                   00052
                   00053
                   00054
o be tuned.        00055
                   00056
                   00057
                   00058
                   00059
                   00060
                   00061
                   00062
                   00063
                   00064
                   00065
                   00066
```

Line=1 Col=1 Alt=12,12;2 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

-CBLi

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ

Command>  
EDT008I 3 lines selected by ALL for target /KSDS/.  
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)     /     00001  
DATA       (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)     /     00021  
INDEX      (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)   /     00027  
\* \* \* End of File \* \* \*                             00035

....9....+...10....+...11  
parameter.                             00023  
                                       00024  
                                       00025  
                                       00026  
                                       00027  
data set.                              00028  
                                       00029  
                                       00030  
at key=cbl. ext                        00031  
                                       00032  
                                       00033  
                                       00034  
                                       00035  
                                       00036  
                                       00037  
                                       00038  
\*\*                                       00039  
                                       00040  
                                       00041  
                                       00042  
                                       00043  
                                       00044  
                                       00045  
                                       00046  
                                       00047  
                                       00048  
                                       00049  
                                       00050  
                                       00051  
                                       00052  
                                       00053  
                                       00054  
o be tuned.                             00055  
                                       00056  
                                       00057  
                                       00058  
                                       00059  
                                       00060  
                                       00061  
                                       00062  
                                       00063  
                                       00064  
                                       00065  
                                       00066

Line=1 Col=1 Alt=12,12;2 Size=34 Recl=72 Fmt=F Files=3 Views=3

This frame's title will come here...

```
-----CBLi-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
-----CBL.CMX(TUNED) 72 F SEQ-----
Command>
|...+...1....+...2....+...3....+...4....+...5....+...6....+...7.>...
<ams DEF CLUSTER (NAME (NB.J.CBLIDEMO.V0000.KSDS) 00001
DATA (NAME (NB.J.CBLIDEMO.V0000.KSDS.DATA) 00021
INDEX (NAME (NB.J.CBLIDEMO.V0000.KSDS.INDEX) 00027
*** End of File *** 00035

....9....+...10....+...11
parameter. 00023
00024
00025
00026
00027
00028
00029
00030
data set. 00031
at key=cbl. ext 00032
00033
00034
00035
00036
00037
00038
00039
** 00040
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o be tuned. 00055
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00063
00064
00065
00066
```

Line=1 Col=1 Alt=12,12;2 Size=34 Recl=72 Fmt=F Files=3 Views=3

The screenshot shows a multi-level window environment. The top-level window is titled 'CBLi'. Below it is a window titled 'CBL.CMX(CBLIDEMO) 252 V PDS'. Inside that is 'CBL.CMX(JGE2) 252 V PDS'. The active window is 'CBL.CMX(TUNED) 72 F SEQ'. The editor displays the following content:

```
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...  
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS) 00001  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA) 00021  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX) 00027  
*** End of File *** 00035
```

On the right side of the editor, there is a list of line numbers and offsets:

```
.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
00035  
00036  
00037  
00038  
** 00039  
00040  
00041  
00042  
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00046  
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o be tuned. 00055  
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00064  
00065  
00066
```

The status bar at the bottom of the editor window reads: Line=1 Col=1 Alt=12,12;2 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000      000000      00

-+X

File Edit Actions Options Window Help    Sv ToF BoF wS wR Pfx < >

-+X

-CBL.CMX(CBLIDEMO)    252 V PDS

-+X

-CBL.CMX(JGE2)    252 V PDS

-+X

-CBL.CMX(TUNED)    72 F SEQ

Command>

|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...

<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)                    00001

  DATA            (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)                00021

  INDEX           (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)               00027

\*\*\* End of File \*\*\*    00035

This frame's title will come here...

The screenshot displays a TSO environment with three overlapping windows:

- CBLLe**: The top-most window, showing a menu with options: File, Edit, Actions, Options, Window, Help. It also includes keyboard shortcuts: Sv, ToF, BoF, wS, wR, Pfx, and navigation arrows.
- CBL.CMX(CBLIDEMO)**: A window titled "252 V PDS" containing a file with the following content:

```
Command>  
|...+...1....+...2....+...3....+...4....+...5....+...6....+...7.>..  
<ams DEF CLUSTER (NAME (NB.J.CBLIDEMO.V0000.KSDS)           00001  
  DATA      (NAME (NB.J.CBLIDEMO.V0000.KSDS.DATA)         00021  
  INDEX      (NAME (NB.J.CBLIDEMO.V0000.KSDS.INDEX)        00027  
* * * End of File * * *                                00035
```
- CBL.CMX(TUNED)**: A window titled "72 F SEQ" containing a file with the following content:

```
.....9.....+...10.....+...11  
parameter.                                           00023  
                                                    00024  
                                                    00025  
                                                    00026  
data set.                                           00027  
                                                    00028  
                                                    00029  
                                                    00030  
at key=cbl. ext                                     00031  
                                                    00032  
                                                    00033  
                                                    00034  
                                                    00035  
                                                    00036  
                                                    00037  
                                                    00038  
**                                                    00039  
                                                    00040  
                                                    00041  
                                                    00042  
                                                    00043  
                                                    00044  
                                                    00045  
                                                    00046  
                                                    00047  
                                                    00048  
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                                                    00051  
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o be tuned.                                         00055  
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                                                    00059  
                                                    00060  
                                                    00061  
                                                    00062  
                                                    00063  
                                                    00064  
                                                    00065  
                                                    00066
```

At the bottom of the windows, a status bar displays: Line=1 | Col=1 | Alt=13,13;3 | Size=34 | Recl=72 | Fmt=F | Files=3 | Views=3

This frame's title will come here...

0000 000000 00

-CBLi

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx < >

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ

Command>

|...+...1...+...2...+...3...+...4...+...5...+...6...+...7.>..

<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS) 00001  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA) 00021  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX) 00027  
\* \* \* End of File \* \* \* 00035

....9....+...10....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
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Line=1 Col=1 Alt=13,13;3 Size=34 Recl=72 Fmt=F Files=3 Views=3

This frame's title will come here...

0000 000000 00

CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ

Command> all

```
...+...1...+...2...+...3...+...4...+...5...+...6...+...7.>...  
Name DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS) 00001  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA) 00021  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX) 00027  
*** End of File *** 00035
```

....9....+...10....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
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o be tuned. 00055  
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Line=1 Col=1 Alt=13,13;3 Size=34 Recl=72 Fmt=F Files=3 Views=3

"ALL" redisplay all lines.



0000      000000      00

**-CBLi**  
File Edit Actions Options Window Help    Sv ToF BoF wS wR Pfx < >

**-CBL.CMX(CBLIDEMO)**    252 V PDS

**-CBL.CMX(JGE2)**    252 V PDS

**-CBL.CMX(TUNED)**    72 F SEQ

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERASE
UNORDERED
NOREUSE
NODESTAGWAIT
STAGE
)
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)
VOLUMES ('CBLM05'
)
CISZ (10240)
CYLINDERS ( 2, 1)
)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)
VOLUMES ('CBLM05'
)
CISZ ( 1024)
)
CATALOG (USERCAT.CBLCAT)

* * * End of File * * *
```

.....9.....+...10.....+...11  
parameter.                    000023  
                                  000024  
                                  000025  
                                  000026  
                                  000027  
data set.                        000028  
                                  000029  
                                  000030  
at key=cbl. ext                 000031  
                                  000032  
                                  000033  
                                  000034  
                                  000035  
                                  000036  
                                  000037  
                                  000038  
\*\*                                 000039  
                                  000040  
                                  000041  
                                  000042  
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                                  000054  
o be tuned.                      000055  
                                  000056  
                                  000057  
                                  000058  
                                  000059  
                                  000060  
                                  000061  
                                  000062  
                                  000063  
                                  000064  
                                  000065  
                                  000066

Line=1    Col=1    Alt=13,13;4    Size=34    Recl=72    Fmt=F    Files=3    Views=3

Execute the "CHANGE" command to update the cluster, data and index names.

```
CBL.CMX(TUNED) 72 F 320
Command> C/.KSDS/.KSDS.TUNED/* *
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERASE
UNORDERED
NOREUSE
NODESTAGWAIT
STAGE
)
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.DATA)
VOLUMES ('CBLM05'
)
CISZ (10240)
CYLINDERS ( 2, 1)
)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.INDEX)
VOLUMES ('CBLM05'
)
CISZ ( 1024)
)
CATALOG (USERCAT.CBLCAT)

*** End of File ***
```

```
.....9.....+...10.....+...11
parameter.
data set.
at key=cbl. ext
**
o be tuned.
```

```
00001
00002
00003
00004
00005
00006
00007
00008
00009
00010
00011
00012
00013
00014
00015
00016
00017
00018
00019
00020
00021
00022
00023
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```

0000      000000      00

**-CBLi** File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS -+X

**-CBL.CMX(JGE2)** 252 V PDS -+X

**-CBL.CMX(TUNED)** 72 F SEQ -+X

```
Command>
EDT020I 3 occurrence(s) changed on 3 line(s).
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERASE
UNORDERED
NOREUSE
NODESTAGWAIT
STAGE
)
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA)
VOLUMES ('CBLM05'
)
CISZ (10240)
CYLINDERS ( 2, 1)
)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)
VOLUMES ('CBLM05'
)
CISZ ( 1024)
)
CATALOG (USERCAT.CBLCAT)

*** End of File ***
```

.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
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00036  
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00043  
00044  
00045  
00046  
00047  
00048  
00049  
00050  
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o be tuned. 00055  
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00057  
00058  
00059  
00060  
00061  
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00063  
00064  
00065  
00066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

Placing the cursor on the AMS command and hitting <F4> executes it. AMS will open the IDCAMS Command window, call IDCAMS to process the DEFINE and display the output.

```
-----CBLI-----
File Edit Actions Options Window Help  Sv ToF BoF Ws Wr Pfx <>
-----CBL.CMX(CBLIDEMO)----- 252 V PDS -----+X
-----CBL.CMX(JGE2)----- 252 V PDS -----+X
-----CBL.CMX(TUNED)----- 72 F SEQ -----+X
Command>
EDT020I 3 occurrence(s) changed on 3 line(s).
<ams DEF CLUSTER (NAME (NB.J.CBLIDEMO.V0000.KSDS.TUNED)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
GECLASS (CBLDFLT )
EMENTCLASS(CBLDFLT )
TECHCK
ANNED
PACE ( 0, 0)
( 4, 0)
ED
PLICATE
OPTIONS (1,3)
SE
UNORDERED
NOREUSE
NODESTAGWAIT
STAGE
)
DATA (NAME (NB.J.CBLIDEMO.V0000.KSDS.TUNED.DATA)
VOLUMES ('CBLM05'
)
CISZ (10240)
CYLINDERS ( 2, 1)
INDEX (NAME (NB.J.CBLIDEMO.V0000.KSDS.TUNED.INDEX)
VOLUMES ('CBLM05'
)
CISZ ( 1024)
)
CATALOG (USERCAT.CBLCAT)

* * * End of File * * *

////// 000001
////// 000002
////// 000003
////// 000004
////// 000005
////// 000006
////// 000007
////// 000008
////// 000009
////// 000010
////// 000011
////// 000012
////// 000013
////// 000014
////// 000015
////// 000016
////// 000017
////// 000018
////// 000019
////// 000020
////// 000021
////// 000022
////// 000023
////// 000024
////// 000025
////// 000026
////// 000027
////// 000028
////// 000029
////// 000030
////// 000031
////// 000032
////// 000033
////// 000034
////// 000035

.....9.....+...10.....+...11
parameter. 000023
000024
000025
000026
000027
000028
000029
000030
000031
000032
000033
000034
000035

data set. 000028
000029
000030
000031
000032
000033
000034
000035

at key=cbl. ext 000031
000032
000033
000034
000035

** 000039
000040
000041
000042
000043
000044
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o be tuned. 000055
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Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3
```

0000      000000      00

**-CBLi** File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS -+X

**-CBL.CMX(JGE2)** 252 V PDS -+X

**-CBL.CMX(TUNED)** 72 F SEQ -+X

Command>  
EDT020I 3 occurrence(s) changed on 3 line(s).  
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED))  
INDEXED  
BUFFERSPACE ( 24576)  
RECORDSIZE ( 2452, 4089)  
SPEED  
STORAGECLASS (CBLDFLT )  
MANAGEMENTCLASS(CBLDFLT )  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0)  
KEYS ( 4, 0)  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGWAIT  
STAGE )  
DATA (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA)  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
CATALOG (USERCAT.CBLCAT)

\*\*\* End of File \*\*\*

.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
00035  
00036  
00037  
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\*\* 00039  
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o be tuned. 00055  
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00059  
00060  
00061  
00062  
00063  
00064  
00065  
00066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)  
  
\* \* \* End of File \* \* \*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCommand> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 2457) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05' ) CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
  
Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE )  
) VOLUMES ('CBLM05' ) CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
Line 1 of 16 Col 1 of 126 Views 1 select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	o be tuned. 000055
000032	000056
000033	000057
000034	000058
000035	000059
	000060
	000061
	000062
	000063
	000064
	000065
	000066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)

\*\*\* End of File \*\*\*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCommand> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 24576) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05') CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05') CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)

Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE )  
) VOLUMES ('CBLM05') CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05') CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0

Line 1 of 16 Col 1 of 126 Views 1 select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	000055
000032	000056
000033	000057
000034	000058
000035	000059
	000060
	000061
	000062
	000063
	000064
	000065
	000066

o be tuned.

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)  
  
\* \* \* End of File \* \* \*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCOMMAND> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 24576) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05') CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05') CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
  
Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE )  
) VOLUMES ('CBLM05') CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05') CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
Line 1 of 16 Col 1 of 126 Views 1 select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	000055
000032	000056
000033	000057
000034	000058
000035	000059
	000060
	000061
	000062
	000063
	000064
	000065
	000066

o be tuned.

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3



0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGEWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)  
  
\* \* \* End of File \* \* \*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCOMMAND> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 24576) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGEWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05' ) CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
  
Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGEWAIT STAGE )  
) VOLUMES ('CBLM05' ) CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
Line 1 of 16 | Col 1 of 126 | Views 1 | select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	o be tuned. 000055
000032	000056
000033	000057
000034	000058
000035	000059
	000060
	000061
	000062
	000063
	000064
	000065
	000066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)  
  
\* \* \* End of File \* \* \*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCOMMAND> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 24576) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05' ) CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
  
Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE )  
) VOLUMES ('CBLM05' ) CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
Line 1 of 16 | Col 1 of 126 | Views 1 | select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	o be tuned.
000032	000056
000033	000057
000034	000058
000035	000059
	000060
	000061
	000062
	000063
	000064
	000065
	000066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000 000000 00

**-CBLi**  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

**-CBL.CMX(CBLIDEMO)** 252 V PDS

**-CBL.CMX(JGE2)** 252 V PDS

**-CBL.CMX(TUNED)** 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE  
UNORDERED  
NOREUSE  
NODESTAGEWAIT  
STAGE  
)  
DATA (NAME (NBJ.CBLID  
VOLUMES ('CBLM05'  
)  
CISZ (10240)  
CYLINDERS ( 2, 1)  
)  
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)  
VOLUMES ('CBLM05'  
)  
CISZ ( 1024)  
)  
CATALOG (USERCAT.CBLCAT)

\*\*\* End of File \*\*\*

**-IDCAMS Command**  
View Back Forward FDB Edit Help  
Command>  
AMSCOMMAND> DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED  
BUFFERSPACE ( 24576) RECORDSIZE ( 2452, 4089) SPEED STORAGECLASS  
(CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
FREESPACE ( 0, 0) KEYS ( 4, 0) NOIMBED NOREPLICATE SHAREOPTIONS  
(1,3) NOERASE UNORDERED NOREUSE NODESTAGEWAIT STAGE ) DATA (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA) VOLUMES ('CBLM05' ) CISZ  
(10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
(NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)

Asa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT) MANAGEMENTCLASS(CBLDFLT) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGEWAIT STAGE )  
) VOLUMES ('CBLM05' ) CISZ (10240) CYLINDERS ( 2, 1) ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024) ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0

Line 1 of 16 | Col 1 of 126 | Views 1 | select \*

000022	000046
000023	000047
000024	000048
000025	000049
000026	000050
000027	000051
000028	000052
000029	000053
000030	000054
000031	o be tuned.
000032	000056
000033	000057
000034	000058
000035	000059
	000060
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	000065
	000066

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

-----0000-----00000000-----00

-CBLi  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ  
Command>  
|...+...1...+...2...+...3  
<ams DEF CLUSTER (NAME (NBJ.C  
INDEXED  
BUFFERSPACE ( 2457  
RECORDSIZE ( 2452,  
SPEED  
STORAGECLASS (CBLDF  
MANAGEMENTCLASS(CBLDF  
NOWRITECHECK  
NONSPANNED  
FREESPACE ( 0, 0  
KEYS ( 4,  
NOIMBED  
NOREPLICATE  
SHAREOPTIONS (1,3)  
NOERASE

-----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) INDEXED BUFFERSPA  
RAGECLASS (CBLDFLT ) MANAGEMENTCLASS(CBLDFLT ) NOWRITECHECK NONSPANNED  
ICATE SHAREOPTIONS (1,3) NOERASE UNORDERED NOREUSE NODESTAGWAIT STAGE )  
) VOLUMES ('CBLM05' ) CISZ (10240) CYLINDERS ( 2, 1 ) INDEX (NAME  
TUNED.INDEX) VOLUMES ('CBLM05' ) CISZ ( 1024 ) CATALOG (USERCAT.CBLCAT)  
0 IDC0508I DATA ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
0 IDC0509I INDEX ALLOCATION STATUS FOR VOLUME CBLM04 IS 0  
0 IDC0181I STORAGECLASS USED IS CBLDFLT  
0 IDC0181I MANAGEMENTCLASS USED IS CBLDFLT  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 IDC0002I IDCAMS PROCESSING COMPLETE. MAXIMUM CONDITION CODE WAS 0

Line 1 of 16 Col 1 of 126 Views 1 select \*

000054  
000055  
000056

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

The IDCAMS output shows that the DEFINE was successful.

<F3> exits IDCAMS Command.

-----CBLLe-----

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-----CBL.CMX(CBLIDEMO) 252 V PDS-----

-----CBL.CMX(JGE2) 252 V PDS-----

-----CBL.CMX(TUNED) 72 F SEQ-----

Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...  
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED) 000001  
INDEXED 000002  
BUFFERSPACE ( 24576) 000003  
RECORDSIZE ( 2452, 4089) 000004  
SPEED 000005  
STORAGECLASS (CBLDFLT ) 000006  
MANAGEMENTCLASS(CBLDFLT ) 000007  
NOWRITECHECK 000008  
NONSPANNED 000009  
FREESPACE ( 0, 0) 000010  
KEYS ( 4, 0) 000011  
NOIMBED 000012  
NOREPLICATE 000013  
PARTITIONS (1,3) 000014  
000015  
000016  
000017  
000018  
000019  
000020  
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.....9.....+...10.....+...11  
parameter. 000023  
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data set. 000028  
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at key=cbl. ext 000031  
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o be tuned. 000056  
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\*\*\* End of File \*\*\*

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

<F3> to close the edit view and then select "No" from the dialog window that prompts us to save the text to disk.

0000 000000 00

-CBLi File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.CMX(TUNED) 72 F SEQ

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERAS
UNORDE
NOREUS
NODEST
STAGE )
DATA (
VOLUME
CISZ (10240)
CYLINDERS ( 2, 1)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)
VOLUMES ('CBLM05'
CISZ ( 1024)
CATALOG (USERCAT.CBLCAT)

*** End of File ***
```

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....9....+...10....+...11  
parameter.  
data set.  
at key=cbl. ext  
\*\*  
o be tuned.

CBLEdit Close  
 Do you want to save the changes to file CBL.CMX(TUNED)?  
Yes No Cancel

Line=1 Col=1 Alt=14,14;5 Size=34 Recl=72 Fmt=F Files=3 Views=3

0000      000000      00

-CBLi

File Edit Actions Options Window Help    Sv ToF BoF wS wR Pfx < >

-CBL.CMX(CBLIDEMO)    252 V PDS

-CBL.CMX(JGE2)    252 V PDS

-CBL.CMX(TUNED)    72 F SEQ

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...>...
<ams DEF CLUSTER (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED)
INDEXED
BUFFERSPACE ( 24576)
RECORDSIZE ( 2452, 4089)
SPEED
STORAGECLASS (CBLDFLT )
MANAGEMENTCLASS(CBLDFLT )
NOWRITECHECK
NONSPANNED
FREESPACE ( 0, 0)
KEYS ( 4, 0)
NOIMBED
NOREPLICATE
SHAREOPTIONS (1,3)
NOERAS
UNORDE
NOREUS
NODEST
STAGE )
DATA (
VOLUME
CISZ (10240)
CYLINDERS ( 2, 1)
INDEX (NAME (NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX)
VOLUMES ('CBLM05'
CISZ ( 1024)
CATALOG (USERCAT.CBLCAT)

*** End of File ***
```

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.....9.....+...10.....+...11  
parameter.  
data set.  
at key=cbl. ext  
\*\*  
o be tuned.

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CBLEDIT Close  
 Do you want to save the changes to file  
CBL.CMX(TUNED)?  
Yes    No    Cancel

Line=1    Col=1    Alt=14,14;5    Size=34    Recl=72    Fmt=F    Files=3    Views=3

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.wvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.wvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066
```



```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report volume 8 type cyl/hd recfm lrecl
list as noindex merge
list merge

** Tune a KSDS to REPRO data to the new cluster.
<c /nbj.cblidemo.v0000.ksds/ /*EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getav /*EndTUNE*/ * | Get actual LRECL.

<c /avirecl=2452/_avirecl=2452/ /*EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

We now execute another AMS command to REPRO data to the new cluster.

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CBLi

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

Command>  
|...+...1...+...2...+...3...  
<cbli v listvtoc vol=cblm05 fre  
<cbli v listvcat ref=usercat.cb

<e cbl.vvc.ctl(iali01)  
<cbli v < cbl.vvc.ctl(iali01)

\*\* Display all data sets with hl  
<cbli v listvcat ref=usercat.cb

Report vcat dsn 44 s  
listvcat ref=USERCAT.Z  
listvcat ref=USERCAT.Z  
listvcat ref=USERCAT.Z

\*\* Combined VTOC and catalog report hlq NBJ \*\*  
<cbli v report vcat defined 15 sort dsn 37 vol1 type  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl  
listvcat key=NBJ. noalias noindex merge  
listvtoc vol=cblm\* key=NBJ. merge

\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avirecl=2452/\_avirecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=4,4;4 Size=791 Recl=252 Fmt=V Files=2 Views=2

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ASa -----Line-----  
1 IDCAMS SYSTEM SERVICES TIME: 14  
0 MARGINS(1 32760)  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 REPRO INDATASET(NBJ.CBLIDEMO.V0000.KSDS) OUTDATASE  
0  
0 IDC0005I NUMBER OF RECORDS PROCESSED WAS 500  
0 IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0  
0  
0 IDC0002I IDCAMS PROCESSING COMPLETE. MAXIMUM CONDITION CODE WAS 0

Line 1 of 10 Col 1 of 126 Views 1 select \*

Again, the IDCAMS operation is successful.

<F3> to exit.

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066
```

```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.CBLV *** CBLVCAT Interactive (VCI) Demo ***
<cbli v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbli v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbli v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbli v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbli v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbli v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbli v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set **
<c /nbj.cblidemo.v0000.ksds
<nomsg getavrl
*/* * | Tailor DSN to be tuned.
| Get actual LRECL.
|
| or Average LRECL.
| avlrecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Executing this CBLVCAT command will report characteristics of both the tuned and untuned versions of the data sets.

CBLLe

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

```
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv          *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free          | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat
<e          cbl.vvc.ctl(iali01)          | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01)          | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start !\
      listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
      report vcat dsn 44 sortd nrecs catalog 30
      listvcat ref=USERCAT.Z16.DB2V8 type=m merge
      listvcat ref=USERCAT.Z16.WAS type=m merge
      listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
      report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
      listvcat key=NBJ. noalias noindex merge
      listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
<ams repro indataset(nbj.cblidemo.v0000.ksds) \
      outdataset(nbj.cblidemo.v0000.ksds.tuned)
<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=4,4;4 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listcat key=nbj.cblidemo.v0000  
VCAT Program> CBLV
```

The 500 records in our original data set occupy 84 tracks (over 5 cylinders). We can see that, when tuned, the same data would occupy only 2 cylinders, the size of a primary allocation.

<F3> to exit and continue working from our CMX file.

```
listcat key=nbj.cblidemo.v0000.ksds li
```

ICF	CAT	CBLMCT (3390)	TYPE	NRECS	PCNT	---	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
---	---	---	---	----	----	---	TOTAL	PRIME	SEC	CI	CA	---	-----	/IXL	-----	-----
NBJ.	CBLIDEMO.	V0000.	KSDS	500	24.9		84	21	7*4		4089V	4,0	4096	12288	3645	2005/10/07 15.45.51
			KSDS				VOL1=CBLM05									** 022 CI SPLITS**
			IX	13	39.4		1	1	1		1017		1024	IXL=2	260	** 008 CA SPLITS**
							VOL1=CBLM05									** 008 CI SPLITS**
NBJ.	CBLIDEMO.	V0000.	KSDS,TUNED	500	83.4		C=2	C=2	C=1		4089V	4,0	10240	24576	5	2005/10/21 14.15.08
			KSDS				VOL1=CBLM04									
			IX	3	9.1		1	1	1		1017		1024	IXL=2	8	
							VOL1=CBLM04									
							---	---	---							
							116	53	24							
							---	---	---							

```
** CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 **  
** Expiry: 2006-07-25 **
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```
Line 1 of 34 Col 1 of 135 Views 1 select *
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

```
Line=23 Col=1 Alt=4,4;4 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avirecl=2452/_avirecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cblv v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cblv v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cblv v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cblv v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066
```



CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

```
Command>
|...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+....10....+....11
.cblv *** CBLVCAT Interactive ***
<cbl v listvtoc vol=cblm05 free
<cbl v listvcat ref=usercat.cblcat

<e cbl.wvc.ctl(iali01)
<cbl v < cbl.wvc.ctl(iali01)

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avirecl=2452/_avirecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
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CLI parameter.  
S.  
from data set.

<F4> to execute CBLVCAT and generate a report for entries in the VTOC of volume CBLM05 (includes free extents.)

Line=23 Col=1 Alt=4,4;4 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avirecl=2452/_avirecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.44 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX	002/00	002/00	30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/09	003/09	54	1		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.IQ0073.PDS	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
	003/12	003/12	57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT	004/14	004/14	74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	

Line 1 of 288 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.44 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX	002/00	002/00	30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/09	003/09	54	1		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.IQ0073.PDS	003/10	003/10	55	1	1	PDS	*EXPD*	800	80	FB	2004/02/11	
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
	003/12	003/12	57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT	004/14	004/14	74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	

Line 1 of 288 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV
```

Re-execute CBLVCAT with the OVLAY parameter added. This will generate the same output except that, where the data set name is longer than 22 characters, it will overlay the report fields that follow instead of forcing them onto a new line of the report. (e.g. See entry "CBL.CBLI.DIST.INSTALL.VSE.TXT".)

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal

FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX												
SYS1.VVDS.VCBLM05	002/00	002/00	30	1		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/01	002/10	31	10		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX												
NBJ.SPFTEMP0.CNTL	003/09	003/09	54	1		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.IQ0073.PDS	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
DJH.CBLI.INI	003/12	003/12	57	1	1		*EXPD*	27920	80	FB	2004/02/13	
CBL.JGE.SPFTEMP0.CNTL	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
LAC.JCL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT												
CBL.SQ11389.FILE1	004/14	004/14	74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE2	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.TCPIP.ETC.PROTO	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.JGE.SPF104.IEBCOPY	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF105.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	

Line 1 of 288 Col 1 of 135 Views 1 select \*

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
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Line=23 Col=1 Alt=4,4;4 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.44 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX	002/00	002/00	30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/09	003/09	54	1		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.IQ0073.PDS	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
	003/12	003/12	57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT	004/14	004/14	74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	

Line 1 of 288 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.46 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.VSE.TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL.VCI.V200.V.MAN.CBLVCAT.HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL.VVC.LST.VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL.IQ0073.PDS	014/00	014/08	210	9	1	EXT=1						
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.VSE.TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL.VCI.V200.V.MAN.CBLVCAT.HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL.VVC.LST.VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL.IQ0073.PDS	014/00	014/08	210	9	1	EXT=1						
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command> where sysprint  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command> where sysprint << VSAM |  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command> where sysprint << VSAM | sysprint >>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free overlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << VSAM | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay

VCAT Program> CBLV
-----
1CBLVCAT REL 2.10z14 CBL - Bridgend U... RI 21 OCT 2005 PAGE 1
-----
listvtoc vol=cblm05 free overlay

VTOC OF CBLM05          CYL/HD LIM...
-----
VTOC          000/01 000/
SYS1.VTOCIX,CBLM05    001/00 001/14 15 15 15 *EXPD* 2048 2048 F 2003/12/04 NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX 30 1 VSAM *EXPD* 4096 U 2003/12/05 00031
SYS1.VVDS.VCBLM05    002/01 002/10 31 10 VSAM *EXPD* 4096 U 2003/12/05 00032
CBL,EXT,STR3,KSDS,DATA 002/11 002/14 41 4 VSAM *EXPD* 4096 U 2003/12/05 VOL SEQ 771
                                                                FILE SERIAL CBLM06 00034
CBL,EXT,STR2,KSDS,DATA 003/00 003/05 45 6 VSAM *EXPD* 4096 U 2003/12/05 00035
CBL,EXT,STR4,KSDS,DATA 003/06 003/08 51 3 VSAM *EXPD* 4096 U 2003/12/05 00036
CBL,EXT,STR4,KSDS,INDEX 003/05 003/08 54 1 VSAM *EXPD* 4096 U 2003/12/05 00037
NBJ.SPFTEMP0,CNTL    003/10 003/10 55 1 1 *EXPD* 800 80 FB 2004/02/11 00038
CBL,IQ0073,PDS       003/11 003/11 56 1 1 PDS *EXPD* 3200 80 FB 2004/06/08 MULTI-EXTENT 00039
CBL,CBLI,DIST,INSTALL,VSE,TEXT 003/13 003/13 57 1 1 *EXPD* 27920 80 FB 2004/02/13 00040
DJH,CBLI,INI         003/13 003/13 58 1 1 *EXPD* 27998 255 VB 2004/02/18 00041
CBL,JGE,SPFTEMP0,CNTL 003/14 003/14 59 1 1 *EXPD* 800 80 FB 2004/02/19 00042
LAC,JCL              004/00 004/01 60 2 PDSE *EXPD* 23440 80 FB 2004/03/08 MULTI-EXTENT 00043
LAC,JCL              004/02 004/06 62 5 EXT=1 *EXPD* 32760 255 VB 2004/10/07 MULTI-EXTENT 00044
LAC,JCL              004/07 004/11 67 5 EXT=2 *EXPD* 32760 80 FB 2004/03/26 MULTI-EXTENT 00045
DJH,LOAD            004/12 004/12 72 1 1 PDS *EXPD* 27920 80 FB 2004/03/26 00046
HWJ,HTTPD,CONF      004/13 004/13 73 1 1 *EXPD* 27998 80 VB 2004/02/23 00047
CBL,CBLI,DIST,INSTALL,CMS,TEXT 005/00 005/00 74 1 1 *EXPD* 27998 80 VB 2004/02/23 00048
CBL,SQ11389,FILE1    005/01 005/01 75 1 1 *EXPD* 27998 80 VB 2004/02/23 00049
CBL,SQ11389,FILE2    005/02 005/02 76 1 1 *EXPD* 27998 80 VB 2004/02/23 00050
CBL,SQ11389,OUT      005/03 005/03 77 1 1 *EXPD* 800 80 FB 2004/08/18 00051
LAC,SPFTEMP0,CNTL    005/04 005/04 78 1 1 *EXPD* 3120 80 FB 2005/02/23 00052
CBL,TCPIP,ETC,PROTO 005/05 005/09 80 5 *EXPD* 27951 121 FBA 2004/03/22 00053
CBL,JGE,SPF104,IEBCOPY 005/10 005/14 85 5 1 *EXPD* 27951 121 FBA 2004/03/22 00054
CBL,VVC,DUN,V210,VMST 006/00 006/14 90 15 1 *EXPD* 23440 80 FB 2004/01/16 00055
CBL,VCI,V200,V.MAN,CBLVCAT,HTM 008/00 013/14 120 90 PDSE *EXPD* 32760 255 VB 2004/02/11 00056
CBL,VVC,LST,VMST     014/00 014/08 210 9 1 EXT=1 *EXPD* 23408 133 FBA 2004/01/20 00057
CBL,IQ0073,PDS       014/09 014/09 219 1 PDSE *EXPD* 3120 80 FB 2004/04/16 MULTI-EXTENT 00058
NBJ,CBL210,OBJ       014/09 014/09 219 1 PDSE *EXPD* 3120 80 FB 2004/04/16 MULTI-EXTENT 00059
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```

Like LIST windows, we can use a WHERE clause (SQL style syntax) to filter entries from the report. The report itself is entirely contained in a single column field, SYSPRINT, and is of character format.

In this example, we select only rows that contain the string "VSAM" or begin "VTOC OF" (i.e the report header lines.)

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL,EXT,STR2,KSDS,INDEX 30      1      VSAM  *EXPD*  4096  U      2003/12/05
SYS1,VVDS,VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096  U      2003/12/05
CBL,EXT,STR3,KSDS,DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096  U      2003/12/05  VOL SEQ  771
CBL,EXT,STR2,KSDS,DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096  U      2003/12/05
CBL,EXT,STR4,KSDS,DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096  U      2003/12/05
CBL,EXT,STR4,KSDS,INDEX 54      1     VSAM  *EXPD*  4096  U      2003/12/05
LAC,TESTESDS,DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096  U      2004/11/01
NBJ,CBLIDEMO,V0010,KSDS,INDEX 82      1     VSAM  *EXPD*  4096  U      2005/10/07
NBJ,CBLIDEMO,V0000,KSDS,INDEX 83      1     VSAM  *EXPD*  4096  U      2005/10/07
NBJ,CBLIDEMO,V0010,KSDS,DATA 35     45     VSAM  *EXPD*  4096  U      2005/10/07  MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA 10     28     VSAM  *EXPD*  4096  U      2005/10/07  MULTI-EXTENT
```

The new report view is now of all VSAM objects in the VTOC.  
We can use <F12> to recall our previous WHERE clause and alter it slightly to generate another view containing only entries that span multiple extents.

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```
Line 1 of 12 Col 1 of 135 Views 2 select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << VSAM | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

```
<cbl v listcat key=nb.j.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << VSAM | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nb.j.cblidemo.v0000.ksds linespace=4
*EndTUNE*
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Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command> where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 2 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nb.j.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

```
Select *  
select * where sysprint << VSAM | sysprint >> ' VTOC OF'  
/ select * where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
```

-----SysPrint-----												
VTOC OF	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

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Select *  
select * where sysprint << VSAM | sysprint >> ' VTOC OF'  
/ select * where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
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VTOC OF	CYL/HD	LIMITS	START	ALLOC	USED	SysPrint	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS				1	1	PDS	*EXPD*	3200	80	FB		2004/06/08	MULTI-EXTENT
LAC.JCL						PDSE	*EXPD*	23440	80	FB		2004/03/08	MULTI-EXTENT
HWJ.HTTPD.COM					1		*EXPD*	32760	255	VB		2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ						PDSE	*EXPD*	3120	80	FB		2004/04/16	MULTI-EXTENT
CBL.CMX						PDSE	*EXPD*	23476	256	VB		2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST					75		*EXPD*	27920	80	FB		2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST					75		*EXPD*	27920	80	FB		2004/02/13	MULTI-EXTENT
CBL.SQ11484.U							*EXPD*	27900	100	FB		2005/03/02	MULTI-EXTENT
NBJ.FREE.VOL3					1		*EXPD*	27930	133	FB		2005/09/30	MULTI-EXTENT
NBJ.SQ11527.M					1		*EXPD*	1540	154	FB		2005/08/10	MULTI-EXTENT
NBJ.CBLI.INST						PDSE	*EXPD*	32720	80	FB		2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO						VSAM	*EXPD*	4096		U		2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO						VSAM	*EXPD*	4096		U		2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB		2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB		2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA		2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB		2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB		2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB		2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB		2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB		2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB		2004/11/19	MULTI-EXTENT

Selecting the "View" item from the menu bar allows us to jump directly to any of the generated report views.  
In this case, we select the full report.

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 3 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 3 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free ovlay  
VCAT Program> CBLV

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

listvtoc vol=cblm05 free ovlay

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL.EXT.STR2.KSDS.INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM06
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0.CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.VSE.TXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH.CBLI.INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL.JGE.SPFTEMP0.CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC.JCL	004/02	004/06	62	5		EXT=1						
LAC.JCL	004/07	004/11	67	5		EXT=2						
DJH.LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL.CBLI.DIST.INSTALL.CMS.TXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL.SQ11389.FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL.SQ11389.OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC.SPFTEMP0.CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL.TCPIP.ETC.PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL.JGE.SPF104.IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL.JGE.SPF105.IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL.VVC.DUN.V210.VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL.VCI.V200.V.MAN.CBLVCAT.HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL.VVC.LST.VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL.IQ0073.PDS	014/00	014/08	210	9	1	EXT=1						
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 3 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

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Execute CBLVCAT  
 View Back Forward FDB Edit Raw Help  
 Command>  
 VCAT Command> list vtoc vol=cblm05 free overlay

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Similarly, "Forward" and "Back" items in the menu bar scroll forwards and backwards through the generated views.

-----SysPrint-----  
 OS JOB=JGE2 15.52 FRI 21 OCT 2005 PAGE 1

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
VTOC	000/01	000/14	1	14	3	3390		96	96			
SYS1.VTOCIX.CBLM05	001/00	001/14	15	15	15		*EXPD*	2048	2048	F	2003/12/04	NOT LAST VOL
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771 FILE SERIAL CBLM05
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
NBJ.SPFTEMP0,CNTL	003/10	003/10	55	1	1		*EXPD*	800	80	FB	2004/02/11	
CBL,IQ0073,PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,VSE,TEXT			57	1	1		*EXPD*	27920	80	FB	2004/02/13	
DJH,CBLI,INI	003/13	003/13	58	1	1		*EXPD*	27998	255	VB	2004/02/18	
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59	1	1		*EXPD*	800	80	FB	2004/02/19	
LAC,JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
LAC,JCL	004/02	004/06	62	5		EXT=1						
LAC,JCL	004/07	004/11	67	5		EXT=2						
DJH,LOAD	004/12	004/12	72	1	1	PDS	*EXPD*	32760		U	2004/03/17	
HWJ,HTTPD,CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
CBL,CBLI,DIST,INSTALL,CMS,TEXT			74	1	1		*EXPD*	27920	80	FB	2004/03/26	
CBL,SQ11389,FILE1	005/00	005/00	75	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,FILE2	005/01	005/01	76	1	1		*EXPD*	27998	80	VB	2004/02/23	
CBL,SQ11389,OUT	005/02	005/02	77	1	1		*EXPD*	27998	80	VB	2004/02/23	
LAC,SPFTEMP0,CNTL	005/03	005/03	78	1	1		*EXPD*	800	80	FB	2004/08/18	
CBL,TCPIP,ETC,PROTO	005/04	005/04	79	1	1		*EXPD*	3120	80	FB	2005/02/23	
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80	5			*EXPD*	27951	121	FBA	2004/03/22	
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85	5	1		*EXPD*	27951	121	FBA	2004/03/22	
CBL,VVC,DUN,V210,VMST	006/00	006/14	90	15	1		*EXPD*	23440	80	FB	2004/01/16	
CBL,VCI,V200,V,MAN,CBLVCAT,HTM			05	15		PDSE	*EXPD*	32760	255	VB	2004/02/11	
CBL,VVC,LST,VMST	008/00	013/14	120	90		PDSE	*EXPD*	23408	133	FBA	2004/01/20	
CBL,IQ0073,PDS	014/00	014/08	210	9	1	EXT=1						
NBJ,CBL210,OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT

Line 1 of 255 Col 1 of 135 Views 3 select \*

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
 \*EndTUNE\*

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1      VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1      VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1      VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
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Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nb.j.cblidemo.v0000.ksds linespace=4
*EndTUNE*
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Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lis vtoc vol=cblm05 free overlay**  
VCAT Program> **CBLV**

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View BACK Forward FDB Edit Raw Help  
Command  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRCL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NB.J.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NB.J.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NB.J.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
```

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```

Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

```
<cbl v listcat key=nb.j.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=blm05 free overlay
VCAT Program> CBLV
-----
VTOC OF CBLM05
CBL,EXT,STR2,KSDS 4096 U 2003/12/05
SYS1.VVDS,VCBLM05 4096 U 2003/12/05
CBL,EXT,STR3,KSDS 4096 U 2003/12/05 VOL SEQ 771
CBL,EXT,STR2,KSDS 4096 U 2003/12/05
CBL,EXT,STR4,KSDS 4096 U 2003/12/05
CBL,EXT,STR4,KSDS 4096 U 2003/12/05
LAC.TESTESDS,DATA 4096 U 2004/11/01
NBJ,CBLIDEMO,V001 4096 U 2005/10/07
NBJ,CBLIDEMO,V000 4096 U 2005/10/07
NBJ,CBLIDEMO,V001 4096 U 2005/10/07 MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA 10 28 VSAM *EXPD* 4096 U 2005/10/07 MULTI-EXTENT
```

The "Raw" menu item opens a List window displaying data for all LISTVTOC or LISTVCAT report fields as appropriate.

The raw data list window contains data for fields that have been both included and excluded from the current CBLVCAT report output.

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Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1,VVDS,VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
LAC,TESTESDS,DATA	070/08	070/08	1058	1		VSAM	*EXPD*	4096		U	2004/11/01	
NBJ,CBLIDEMO,V0010,KSDS,INDEX			82	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0000,KSDS,INDEX			83	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0010,KSDS,DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT

Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
```

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1,VVDS,VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
LAC,TESTESDS,DATA	070/08	070/08	1058	1		VSAM	*EXPD*	4096		U	2004/11/01	
NBJ,CBLIDEMO,V0010,KSDS,INDEX			82	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0000,KSDS,INDEX			83	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0010,KSDS,DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT

```
-----SysPrint-----
Command>
-----DSN----- -----CYL/HD----- CISIZE -START-- -ALLOC
*FREE* 085/14 085/14 1289
Line 1 of 238 Col 1 of 176 Views 1 select * sort DSN
```

```
Line 1 of 12 Col 1 of 135 Views 3 select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

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```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096      U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096      U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096      U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096      U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096      U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096      U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096      U      2005/10/07  MULTI-EXTENT
```

```
CBLV LISTVTOC FDB
View Back Forward FDB Edit Help
Command>
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC
*FREE*                085/14  085/14                1289
Line 1 of 238 | Col 1 of 176 | Views 1 | select * sort DSN
```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2
```

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```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096    U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096    U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096    U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096    U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096    U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096    U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096    U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096    U      2005/10/07  MULTI-EXTENT
```

```
CBLV LISTVTOC FDB
View Back Forward FDB Edit Help
Command>
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC
*FREE*                085/14  085/14                1289
Line 1 of 238 | Col 1 of 176 | Views 1 | select * sort DSN
```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2
```

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```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.EXT.STR2.KSDS.INDEX 30      1      VSAM  *EXPD*  4096    U      2003/12/05
SYS1.VVDS.VCBLM05      002/01  002/10  31     10     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR3.KSDS.DATA 002/11  002/14  41      4     VSAM  *EXPD*  4096    U      2003/12/05  VOL SEQ  771
CBL.EXT.STR2.KSDS.DATA 003/00  003/05  45      6     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR4.KSDS.DATA 003/06  003/08  51      3     VSAM  *EXPD*  4096    U      2003/12/05
CBL.EXT.STR4.KSDS.INDEX 54      1     VSAM  *EXPD*  4096    U      2003/12/05
LAC.TESTESDS.DATA      070/08  070/08  1058    1     VSAM  *EXPD*  4096    U      2004/11/01
NBJ.CBLIDEMO.V0010.KSDS.INDEX 82      1     VSAM  *EXPD*  4096    U      2005/10/07
NBJ.CBLIDEMO.V0000.KSDS.INDEX 83      1     VSAM  *EXPD*  4096    U      2005/10/07
NBJ.CBLIDEMO.V0010.KSDS.DATA 35     45     VSAM  *EXPD*  4096    U      2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10     28     VSAM  *EXPD*  4096    U      2005/10/07  MULTI-EXTENT
```

```
CBLV LISTVTOC FDB
View Back Forward FDB Edit Help
Command>
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC
*FREE*                085/14  085/14                1289
Line 1 of 238 | Col 1 of 176 | Views 1 | select * sort DSN
```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2
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```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
```

-----SysPrint-----												
VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.EXT.STR2.KSDS.INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1.VVDS.VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL.EXT.STR3.KSDS.DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771
CBL.EXT.STR2.KSDS.DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL.EXT.STR4.KSDS.INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
LAC.TESTESDS.DATA	070/08	070/08	1058	1		VSAM	*EXPD*	4096		U	2004/11/01	
NBJ.CBLIDEMO.V0010.KSDS.INDEX			82	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ.CBLIDEMO.V0000.KSDS.INDEX			83	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT

```
-----DSN----- -----CYL/HD----- CISIZE -START-- -ALLOC
*FREE*                                085/14 085/14                1289
Line 1 of 238 | Col 1 of 176 | Views 1 | select * sort DSN
```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

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```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
```

-----SysPrint-----												
VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL,EXT,STR2,KSDS,INDEX			30	1		VSAM	*EXPD*	4096		U	2003/12/05	
SYS1,VVDS,VCBLM05	002/01	002/10	31	10		VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4		VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3		VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1		VSAM	*EXPD*	4096		U	2003/12/05	
LAC,TESTESDS,DATA	070/08	070/08	1058	1		VSAM	*EXPD*	4096		U	2004/11/01	
NBJ,CBLIDEMO,V0010,KSDS,INDEX			82	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0000,KSDS,INDEX			83	1		VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0010,KSDS,DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT

```
-----DSN----- -----CYL/HD----- CISIZE -START-- -ALLOC
*FREE*                                085/14 085/14                1289
Line 1 of 238 | Col 1 of 176 | Views 1 | select * sort DSN
```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

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```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-  
  
*FREE*           085/14  085/14           1289           1  
                  116/07  116/07           1747           1  
                  117/06  117/06           1761           3  
                  102/00  102/14           1530          15  
                  099/14  099/14           1499           1  
                  099/10  099/12           1495           3  
                  099/00  099/04           1485           5  
                  135/13  135/14           2038           2  
                  154/07  155/14           2317          23  
                  284/00  284/14           4260          15  
                  165/00  165/14           2475          15  
                  749/00  3338/14          11235         38850  
                  734/00  745/14           11010         180  
                  438/00  707/14           6570          4050  
                  151/14  151/14           2279           1  
                  149/13  149/14           2248           2  
                  128/00  128/14           1920          15  
                  117/14  117/14           1769           1  
                  072/04  072/05           1084           2  
CBL.CBLEEDIT.COPO 394/00  398/14           5910           75          PDSE      *EXPD*      32760      255
```

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771  
-EXTENT  
-EXTENT

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL-  
  
*FREE*          085/14 085/14          1289          1  
                116/07 116/07          1747          1  
                117/06 117/06          1761          3  
                102/00 102/14          1530         15  
                099/14 099/14          1499          1  
                099/10 099/12          1495          3  
                099/00 099/04          1485          5  
                135/13 135/14          2038          2  
                154/07 155/14          2317         23  
                284/00 284/14          4260         15  
                165/00 165/14          2475         15  
                749/00 3338/14         11235        38850  
                734/00 745/14         11010         180  
                438/00 707/14          6570         4050  
                151/14 151/14          2279          1  
                149/13 149/14          2248          2  
                128/00 128/14          1920         15  
                117/14 117/14          1769          1  
                072/04 072/05          1084          2  
CBL.CBLEEDIT.COPO 394/00 398/14          5910          75          PDSE      *EXPD*      32760      255
```

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

-----DSN-----CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL--

DSN	CYL/HD	CISIZE	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL
*FREE					289				1
					747				1
	117/00	117/00			1761				3
	102/00	102/14			1530				15
	099/14	099/14			1499				1
	099/10	099/12			1495				3
	099/00	099/04			1485				5
	135/13	135/14			2038				2
	154/07	155/14			2317				23
	284/00	284/14			4260				15
	165/00	165/14			2475				15
	749/00	3338/14		11235	38850				
	734/00	745/14		11010	180				
	438/00	707/14		6570	4050				
	151/14	151/14		2279					1
	149/13	149/14		2248					2
	128/00	128/14		1920					15
	117/14	117/14		1769					1
	072/04	072/05		1084					2
CBL.CBLEDIT.COPO	394/00	398/14		5910	75	PDSE	*EXPD*	32760	255

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Like all List type windows, the "FDB" item opens another List window containing an entry describing each column in the current list.

EQ 771

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-EXTENT  
-EXTENT

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL-  
  
*FREE*          085/14  085/14          1289      1  
                116/07  116/07          1747      1  
                117/06  117/06          1761      3  
                102/00  102/14          1530     15  
                099/14  099/14          1499      1  
                099/10  
                099/00  
                135/13  
                154/07  
                284/00  
                165/00  
                749/00  3  
                734/00  
                438/00  
                151/14  
                149/13  
                128/00  
                117/14  
                072/04  
                394/00  
CBL.CBLEEDIT.COPO
```

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

--Name--	--Type--	Key	Offset	Length	-Title-	DispLen	Digits	Scale
ACCESSED	Char	No	161	10	ACCESSED	10	0	0
ALLOC	Char	No	74	7	ALLOC	7	0	0
BLKSIZE	Char	No	106	7	BLKSIZE	7	0	0
CISIZE	Char	No	60	6	CISIZE	6	0	0
CREATED	Char	No	124	10	CREATED	10	0	0
CYL/HD	Char	No	44	16	CYL/HD	16	0	0
DSN	Char	Yes	0	44	DSN	30	0	0
EXPIRES	Char	No	95	11	EXPIRES	11	0	0
INFO	Char	No	134	21	INFO	21	0	0

Line 1 of 238 | Col 1 of 176 | Views 1

Line 1 of 16 | Col 1 of 65 | Views 1 | select \* sort Name

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

-EXTENT

-EXTENT

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

-----Execute CBLVCAT-----  
View Back Forward FDB Edit Raw Help  
Command>

-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-  
  
*FREE*           085/14  085/14           1289      1  
                  116/07  116/07           1747      1  
                  117/06  117/06           1761      3  
                  102/00  102/14           1530     15  
                  099/14  099/14           1499      1  
                  099/10  
                  099/00  
                  135/13  
                  154/07  
                  284/00  
                  165/00  
                  749/00  3  
                  734/00  
                  438/00  
                  151/14  
                  149/13  
                  128/00  
                  117/14  
                  072/04  
                  394/00  
CBL.CBLEDIT.COPO
```

EQ 771

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-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

--Name--	--Type--	Key	Offset	Length	-Title--	DispLen	Digits	Scale
ACCESSED	Char	No	161	10	ACCESSED	10	0	0
ALLOC	Char	No	74	7	ALLOC	7	0	0
BLKSIZE	Char	No	106	7	BLKSIZE	7	0	0
CISIZE	Char	No	60	6	CISIZE	6	0	0
CREATED	Char	No	124	10	CREATED	10	0	0
CYL/HD	Char	No	44	16	CYL/HD	16	0	0
DSN	Char	Yes	0	44	DSN	30	0	0
EXPIRES	Char	No	95	11	EXPIRES	11	0	0
INFO	Char	No	134	21	INFO	21	0	0

Line 1 of 238 | Col 1 of 176 | Views 1

Line 1 of 16 | Col 1 of 65 | Views 1 | select \* sort Name

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbli v listcat key=nbj.cbldemo.v0000.ksds linespace=4  
\*EndTUNE\*  
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

-----Execute CBLV CAT-----  
View Back Forward FDB Edit Raw Help  
Command>

-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

-----DSN-----	-----CYL/HD-----	CISIZE	-START--	-ALLOC-	-USED--	-TYPE--	--EXPIRES--	BLKSIZE	LRECL-
*FREE*	085/14	085/14			1289		1		
	116/07	116/07			1747		1		
	117/06	117/06			1761		3		
	102/00	102/14			1530		15		
	099/14	099/14			1499		1		
	099/10								
	099/00								
	135/13								
	154/07								
	284/00								
	165/00								
	749/00	3							
	734/00								
	438/00								
	151/14								
	149/13								
	128/00								
	117/14								
	072/04								
	394/00								

CBL.CBLEDIT.COPO  
Line 1 of 238 Col 1 of 176 Views 1

-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

--Name--	--Type--	Key	Offset	Length	-Title--	DispLen	Digits	Scale
ACCESSED	Char	No	161	10	ACCESSED	10	0	0
ALLOC	Char	No	74	7	ALLOC	7	0	0
BLKSIZE	Char	No	106	7	BLKSIZE	7	0	0
CISIZE	Char	No	60	6	CISIZE	6	0	0
CREATED	Char	No	124	10	CREATED	10	0	0
CYL/HD	Char	No	44	16	CYL/HD	16	0	0
DSN	Char	Yes	0	44	DSN	30	0	0
EXPIRES	Char	No	95	11	EXPIRES	11	0	0
INFO	Char	No	134	21	INFO	21	0	0

Line 1 of 16 Col 1 of 65 Views 1 select \* sort Name

Line 1 of 12 Col 1 of 135 Views 3 select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771  
-EXTENT  
-EXTENT

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<cbli v listcat key=nbj.cbldemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



```
-----Execute CBLVOCAT-----
View Back Forward FDB Edit Raw Help
Command>

-----CBLV LISTVTOC FDB-----
View Back Forward FDB Edit Help
Command>

-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-

*FREE*           085/14  085/14           1289      1
                 116/07  116/07           1747      1
                 117/06  117/06           1761      3
                 102/00  102/14           1530     15
                 099/14  099/14           1499      1
                 099/10
                 099/00
                 135/13
                 154/07
                 284/00
                 165/00
                 749/00  3
                 734/00
                 438/00
                 151/14
                 149/13
                 128/00
                 117/14
                 072/04
                 394/00

CBL.CBLEEDIT.COPO
Line 1 of 238 | Col 1 of 176 | Views 1
```

```
-----CBLV LISTVTOC FDB-----
View Back Forward FDB Edit Help
Command>

--Name--  --Type--  Key  Offset  Length  -Title--  DisplEn  Digits  Scale
ACCESSED  Char      No   161     10   ACCESSED  10       0       0
ALLOC     Char      No   74      7     ALLOC     7        0       0
BLKSIZE   Char      No   106     7     BLKSIZE   7        0       0
CISIZE    Char      No   60      6     CISIZE    6        0       0
CREATED   Char      No   124    10    CREATED   10       0       0
CYL/HD    Char      No   44     16    CYL/HD    16       0       0
DSN       Char      Yes  0       44    DSN       30       0       0
EXPIRES   Char      No   95     11    EXPIRES   11       0       0
INFO      Char      No   134    21    INFO      21       0       0

Line 1 of 16 | Col 1 of 65 | Views 1 | select * sort Name
```

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EQ 771
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```

```
Line 1 of 12 | Col 1 of 135 | Views 3 | select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2
```

-----Execute CBLV CAT-----  
View Back Forward FDB Edit Raw Help  
Command>

-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-  
  
*FREE*           085/14  085/14           1289      1  
                  116/07  116/07           1747      1  
                  117/06  117/06           1761      3  
                  102/00  102/14           1530     15  
                  099/14  099/14           1499      1  
                  099/10  
                  099/00  
                  135/13  
                  154/07  
                  284/00  
                  165/00  
                  749/00  3  
                  734/00  
                  438/00  
                  151/14  
                  149/13  
                  128/00  
                  117/14  
                  072/04  
                  394/00  
CBL.CBLEEDIT.COPO
```

EQ 771

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-EXTENT

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-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

--Name--	--Type--	Key	Offset	Length	-Title--	DispLen	Digits	Scale
ACCESSED	Char	No	161	10	ACCESSED	10	0	0
ALLOC	Char	No	74	7	ALLOC	7	0	0
BLKSIZE	Char	No	106	7	BLKSIZE	7	0	0
CISIZE	Char	No	60	6	CISIZE	6	0	0
CREATED	Char	No	124	10	CREATED	10	0	0
CYL/HD	Char	No	44	16	CYL/HD	16	0	0
DSN	Char	Yes	0	44	DSN	30	0	0
EXPIRES	Char	No	95	11	EXPIRES	11	0	0
INFO	Char	No	134	21	INFO	21	0	0

Line 1 of 16 | Col 1 of 65 | Views 1 | select \* sort Name

Line 1 of 238 | Col 1 of 176 | Views 1

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

-----Execute CBLV CAT-----  
View Back Forward FDB Edit Raw Help  
Command>

-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-  
  
*FREE*           085/14  085/14           1289      1  
                 116/07  116/07           1747      1  
                 117/06  117/06           1761      3  
                 102/00  102/14           1530     15  
                 099/14  099/14           1499      1  
                 099/10  
                 099/00  
                 135/13  
                 154/07  
                 284/00  
                 165/00  
                 749/00  3  
                 734/00  
                 438/00  
                 151/14  
                 149/13  
                 128/00  
                 117/14  
                 072/04  
                 394/00  
CBL.CBLEEDIT.COPO
```

EQ 771

-EXTENT  
-EXTENT

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-----CBLV LISTVTOC FDB-----  
View Back Forward FDB Edit Help  
Command>

--Name--	--Type--	Key	Offset	Length	-Title--	DispLen	Digits	Scale
ACCESSED	Char	No	161	10	ACCESSED	10	0	0
ALLOC	Char	No	74	7	ALLOC	7	0	0
BLKSIZE	Char	No	106	7	BLKSIZE	7	0	0
CISIZE	Char	No	60	6	CISIZE	6	0	0
CREATED	Char	No	124	10	CREATED	10	0	0
CYL/HD	Char	No	44	16	CYL/HD	16	0	0
DSN	Char	Yes	0	44	DSN	30	0	0
EXPIRES	Char	No	95	11	EXPIRES	11	0	0
INFO	Char	No	134	21	INFO	21	0	0

Line 1 of 16 | Col 1 of 65 | Views 1 | select \* sort Name

Line 1 of 238 | Col 1 of 176 | Views 1

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbli v listcat key=nbj.cbli demo.v0000.ksds linespace=4  
\*EndTUNE\*  
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>

-CBLV LISTVTOC FDB
View Back Forward FDB Edit Help
Command>

-----DSN-----CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL-

*FREE*      085/14 0
            116/07 1
            117/06 1
            102/00 10
            099/14 099/14 1733 1
            099/10
            099/00
            135/13
            154/07
            284/00
            165/00
            749/00 3
            734/00
            438/00
            151/14
            149/13
            128/00
            117/14
            072/04
            394/00
CBL.CBLEDIT.COPO
Line 1 of 238 Col 1 of 176 Views 1

```

We can use the column descriptions detailed in this window to help us select, sort and filter the data in the raw output list window.

First we hit <F3> to close the FDB window.

```

-CBLV LISTVTOC FDB
View Back Forward FDB Edit Help
Command>

--Name-- --Type-- Key Offset Length -Title-- DisplLen Digits Scale
ACCESSED Char No 161 10 ACCESSED 10 0 0
ALLOC Char No 74 7 ALLOC 7 0 0
BLKSIZE Char No 106 7 BLKSIZE 7 0 0
CISIZE Char No 60 6 CISIZE 6 0 0
CREATED Char No 124 10 CREATED 10 0 0
CYL/HD Char No 44 16 CYL/HD 16 0 0
DSN Char Yes 0 44 DSN 30 0 0
EXPIRES Char No 95 11 EXPIRES 11 0 0
INFO Char No 134 21 INFO 21 0 0
LRECL Char No 113 6 LRECL 6 0 0
RECFM Char No 119 5 RECFM 5 0 0
START Char No 66 8 START 8 0 0
TYPE Char No 88 7 TYPE 7 0 0
UNIT Char No 171 4 UNIT 4 0 0
USED Char No 81 7 USED 7 0 0
VOLUME Char No 155 6 VOLUME 6 0 0

Line 1 of 16 Col 1 of 65 Views 1 select * sort Name

```

```

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EQ 771
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```

```
Line 1 of 12 Col 1 of 135 Views 3 select * where sysprint << VSAM sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----  -----CYL/HD-----  CISIZE  -START--  -ALLOC-  -USED--  -TYPE--  --EXPIRES--  BLKSIZE  LRECL-  
  
*FREE*           085/14  085/14           1289           1  
                  116/07  116/07           1747           1  
                  117/06  117/08           1761           3  
                  102/00  102/14           1530          15  
                  099/14  099/14           1499           1  
                  099/10  099/12           1495           3  
                  099/00  099/04           1485           5  
                  135/13  135/14           2038           2  
                  154/07  155/14           2317          23  
                  284/00  284/14           4260          15  
                  165/00  165/14           2475          15  
                  749/00  3338/14          11235         38850  
                  734/00  745/14           11010          180  
                  438/00  707/14           6570          4050  
                  151/14  151/14           2279           1  
                  149/13  149/14           2248           2  
                  128/00  128/14           1920          15  
                  117/14  117/14           1769           1  
                  072/04  072/05           1084           2  
CBL.CBLEEDIT.COPO  394/00  398/14           5910           75  
                  PDSE      *EXPD*      32760      255
```

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

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EQ 771  
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```

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN-----CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL-  
  
*FREE*          085/14 085/14          1289          1  
                116/07 116/07          1747          1  
                117/06 117/06          1761          3  
                102/00 102/14          1530         15  
                099/14 099/14          1499          1  
                099/10 099/12          1495          3  
                099/00 099/04          1485          5  
                135/13 135/14          2038          2  
                154/07 155/14          2317         23  
                284/00 284/14          4260         15  
                165/00 165/14          2475         15  
                749/00 3338/14         11235        38850  
                734/00 745/14         11010         180  
                438/00 707/14          6570         4050  
                151/14 151/14          2279          1  
                149/13 149/14          2248          2  
                128/00 128/14          1920         15  
                117/14 117/14          1769          1  
                072/04 072/05          1084          2  
CBL.CBLEEDIT.COPO 394/00 398/14          5910          75          PDSE      *EXPD*      32760      255
```

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771  
-EXTENT  
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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

```
-----DSN----- -CYL/HD----- CISIZE -START-- -ALLOC- -USED-- -TYPE-- --EXPIRES-- BLKSIZE LRECL-  
  
*FREE*          085/14 085/14          1289          1  
                116/07 116/07          1747          1  
                117/06 117/06          1761          3  
                102/00 102/14          1530         15  
                099/14 099/14          1499          1  
                099/10 099/12          1495          3  
                099/00 099/04          1485          5  
                135/13 135/14          2038          2  
                154/07 155/14          2317         23  
                284/00 284/14          4260         15  
                165/00 165/14          2475         15  
                749/00 3338/14         11235        38850  
                734/00 745/14         11010         180  
                438/00 707/14          6570         4050  
                151/14 151/14          2279          1  
                149/13 149/14          2248          2  
                128/00 128/14          1920         15  
                117/14 117/14          1769          1  
                072/04 072/05          1084          2  
CBL.CBLEEDIT.COPO 394/00 398/14          5910          75          PDSE      *EXPD*      32760      255
```

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771  
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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*  
Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command> select dsn,cyl/hd,█

-----DSN-----	-----CYL/HD-----	CISIZE	-START--	-ALLOC-	-USED--	-TYPE--	--EXPIRES--	BLKSIZE	LRECL-
*FREE*	085/14	085/14			1289				
	116/07	116/07			1747				
	117/06	117/08			1761				
	102/00	102/14			1530				
	099/14	099/14			1499				
	099/10	099/12			1495				
	099/00	099/04			1485				
	135/13	135/14			2038				
	154/07	155/14			2317				
	284/00	284/14			4260				
	165/00	165/14			2475				
	749/00	3338/14			11235	38850			
	734/00	745/14			11010	180			
	438/00	707/14			6570	4050			
	151/14	151/14			2279				
	149/13	149/14			2248				
	128/00	128/14			1920				
	117/14	117/14			1769				
	072/04	072/05			1084				
CBL.CBLEDIT.COPO	394/00	398/14			5910	75	PDSE	*EXPD*	32760 255

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command> select dsn,cyl/hd,start,alloc

-----DSN-----	-----CYL/HD-----	CISIZE	-START--	-ALLOC-	-USED--	-TYPE--	--EXPIRES--	BLKSIZE	LRECL-
*FREE*	085/14	085/14			1289				
	116/07	116/07			1747				
	117/06	117/08			1761				
	102/00	102/14			1530				
	099/14	099/14			1499				
	099/10	099/12			1495				
	099/00	099/04			1485				
	135/13	135/14			2038				
	154/07	155/14			2317				
	284/00	284/14			4260				
	165/00	165/14			2475				
	749/00	3338/14			11235	38850			
	734/00	745/14			11010	180			
	438/00	707/14			6570	4050			
	151/14	151/14			2279				
	149/13	149/14			2248				
	128/00	128/14			1920				
	117/14	117/14			1769				
	072/04	072/05			1084				
CBL.CBLEDIT.COPO	394/00	398/14			5910	75	PDSE	*EXPD*	32760 255

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

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-EXTENT

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command> select dsn,cyl/hd,start,alloc where cyl/hd not = ' ' █

-----DSN-----	-----CYL/HD-----	CISIZE	-START--	-ALLOC-	-USED--	-TYPE--	--EXPIRES--	BLKSIZE	LRECL-
*FREE*	085/14	085/14		1289					
	116/07	116/07		1747					
	117/06	117/08		1761					
	102/00	102/14		1530					
	099/14	099/14		1499					
	099/10	099/12		1495					
	099/00	099/04		1485					
	135/13	135/14		2038					
	154/07	155/14		2317					
	284/00	284/14		4260					
	165/00	165/14		2475					
	749/00	3338/14		11235	38850				
	734/00	745/14		11010	180				
	438/00	707/14		6570	4050				
	151/14	151/14		2279					
	149/13	149/14		2248					
	128/00	128/14		1920					
	117/14	117/14		1769					
	072/04	072/05		1084					
CBL.CBLEDIT.COPO	394/00	398/14		5910	75	PDSE	*EXPD*	32760	255

Line 1 of 238 | Col 1 of 176 | Views 1 | select \* sort DSN

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

-----DSN-----	-----CYL/HD-----	-START-	-ALLOC-
VTOC	000/01	000/14	1 14
SYS1.VTOCIX,CBLM05	001/00	001/14	15 15
CBL,EXT,STR2,KSDS,INDEX	002/00	002/00	30 1
SYS1.VVDS,VCBLM05	002/01	002/10	31 10
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41 4
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45 6
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51 3
CBL,EXT,STR4,KSDS,INDEX	003/09	003/09	54 1
NBJ,SPFTEMP0,CNTL	003/10	003/10	55 1
CBL,IQ0073,PDS	003/11	003/11	56 1
CBL,CBLI,DIST,INSTALL,VSE,TXT	003/12	003/12	57 1
DJH,CBLI,INI	003/13	003/13	58 1
CBL,JGE,SPFTEMP0,CNTL	003/14	003/14	59 1
LAC,JCL	004/00	004/01	60 2
	004/02	004/06	62 5
	004/07	004/11	67 5
DJH,LOAD	004/12	004/12	72 1
HWJ,HTTPD,CONF	004/13	004/13	73 1
CBL,CBLI,DIST,INSTALL,CMS,TXT	004/14	004/14	74 1
CBL,SQ11389,FILE1	005/00	005/00	75 1
CBL,SQ11389,FILE2	005/01	005/01	76 1
CBL,SQ11389,OUT	005/02	005/02	77 1
LAC,SPFTEMP0,CNTL	005/03	005/03	78 1
CBL,TCPIP,ETC,PROTO	005/04	005/04	79 1
CBL,JGE,SPF104,IEBCOPY	005/05	005/09	80 5
CBL,JGE,SPF105,IEBCOPY	005/10	005/14	85 5
CBL,VVC,DUN,V210,VMST	006/00	006/14	90 15
CBL,VCI,V200,V,MAN,CBLVCAT,HTM	007/00	007/14	105 15

Line 1 of 230 Col 1 of 64 Views 2 | select DSN,CYL/HD,START,ALLOC where cyl/hd not = ' ' sort CYL/HD

Where a DSN is duplicated on consecutive rows, the DSN is not reported in the 2nd and subsequent row. See entries for "LAC.JCL" which occupies 3 consecutive extents on the volume.

Again, we can recall the SELECT clause and tailor it to produce a different view of the data. In this case, we shall list all free extents on the volume.

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Line 1 of 12 Col 1 of 135 Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command> select dsn,cyl/hd,start,alloc where cyl/hd not = ' ' sort cyl/hd

-----DSN-----	-----CYL/HD-----	-START-	-ALLOC-
VTOC	000/01 000/14	1	14
SYS1.VTOCIX,CBLM05	001/00 001/14	15	15
CBL.EXT.STR2.KSDS.INDEX	002/00 002/00	30	1
SYS1.VVDS.VCBLM05	002/01 002/10	31	10
CBL.EXT.STR3.KSDS.DATA	002/11 002/14	41	4
CBL.EXT.STR2.KSDS.DATA	003/00 003/05	45	6
CBL.EXT.STR4.KSDS.DATA	003/06 003/08	51	3
CBL.EXT.STR4.KSDS.INDEX	003/09 003/09	54	1
NBJ.SPFTEMP0.CNTL	003/10 003/10	55	1
CBL.IQ0073.PDS	003/11 003/11	56	1
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/12 003/12	57	1
DJH.CBLI.INI	003/13 003/13	58	1
CBL.JGE.SPFTEMP0.CNTL	003/14 003/14	59	1
LAC.JCL	004/00 004/01	60	2
	004/02 004/06	62	5
	004/07 004/11	67	5
DJH.LOAD	004/12 004/12	72	1
HWJ.HTTPD.CONF	004/13 004/13	73	1
CBL.CBLI.DIST.INSTALL.CMS.TXT	004/14 004/14	74	1
CBL.SQ11389.FILE1	005/00 005/00	75	1
CBL.SQ11389.FILE2	005/01 005/01	76	1
CBL.SQ11389.OUT	005/02 005/02	77	1
LAC.SPFTEMP0.CNTL	005/03 005/03	78	1
CBL.TCPIP.ETC.PROTO	005/04 005/04	79	1
CBL.JGE.SPF104.IEBCOPY	005/05 005/09	80	5
CBL.JGE.SPF105.IEBCOPY	005/10 005/14	85	5
CBL.VVC.DUN.V210.VMST	006/00 006/14	90	15
CBL.VCI.V200.V.MAN.CBLVCAT.HTM	007/00 007/14	105	15

Line 1 of 230 Col 1 of 64 Views 2 | select DSN,CYL/HD,START,ALLOC where cyl/hd not = ' ' sort CYL/HD

Line 1 of 12 Col 1 of 135 Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

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00064  
00065  
00066

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command> select dsn,cyl/hd,start,alloc where dsn << \*FREE\* sort cyl/hd

-----DSN-----	-----CYL/HD-----	-START-	-ALLOC-
VTOC	000/01 000/14	1	14
SYS1.VTOCIX,CBLM05	001/00 001/14	15	15
CBL.EXT.STR2.KSDS.INDEX	002/00 002/00	30	1
SYS1.VVDS.VCBLM05	002/01 002/10	31	10
CBL.EXT.STR3.KSDS.DATA	002/11 002/14	41	4
CBL.EXT.STR2.KSDS.DATA	003/00 003/05	45	6
CBL.EXT.STR4.KSDS.DATA	003/06 003/08	51	3
CBL.EXT.STR4.KSDS.INDEX	003/09 003/09	54	1
NBJ.SPFTEMP0.CNTL	003/10 003/10	55	1
CBL.IQ0073.PDS	003/11 003/11	56	1
CBL.CBLI.DIST.INSTALL.VSE.TXT	003/12 003/12	57	1
DJH.CBLI.INI	003/13 003/13	58	1
CBL.JGE.SPFTEMP0.CNTL	003/14 003/14	59	1
LAC.JCL	004/00 004/01	60	2
	004/02 004/06	62	5
	004/07 004/11	67	5
DJH.LOAD	004/12 004/12	72	1
HWJ.HTTPD.CONF	004/13 004/13	73	1
CBL.CBLI.DIST.INSTALL.CMS.TXT	004/14 004/14	74	1
CBL.SQ11389.FILE1	005/00 005/00	75	1
CBL.SQ11389.FILE2	005/01 005/01	76	1
CBL.SQ11389.OUT	005/02 005/02	77	1
LAC.SPFTEMP0.CNTL	005/03 005/03	78	1
CBL.TCPIP.ETC.PROTO	005/04 005/04	79	1
CBL.JGE.SPF104.IEBCOPY	005/05 005/09	80	5
CBL.JGE.SPF105.IEBCOPY	005/10 005/14	85	5
CBL.VVC.DUN.V210.VMST	006/00 006/14	90	15
CBL.VCI.V200.V.MAN.CBLVCAT.HTM	007/00 007/14	105	15

Line 1 of 230 Col 1 of 64 Views 2 | select DSN,CYL/HD,START,ALLOC where cyl/hd not = ' ' sort CYL/HD

EQ 771

-EXTENT  
-EXTENT

...11  
00023  
00024  
00025  
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Line 1 of 12 Col 1 of 135 Views 3 | select \* where sysprint << VSAM sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

-----DSN-----	-----CYL/HD-----	-START--	-ALLOC-
*FREE*	072/04 072/05	1084	2
	085/14 085/14	1289	1
	099/00 099/04	1485	5
	099/10 099/12	1495	3
	099/14 099/14	1499	1
	102/00 102/14	1530	15
	116/07 116/07	1747	1
	117/06 117/06	1761	3
	117/14 117/14	1769	1
	128/00 128/14	1920	15
	135/13 135/14	2038	2
	149/13 149/14	2248	2
	151/14 151/14	2279	1
	154/07 155/14	2317	23
	165/00 165/14	2475	15
	284/00 284/14	4260	15
	438/00 707/14	6570	4050
	734/00 745/14	11010	180
	749/00 3338/14	11235	38850

Line 1 of 19 | Col 1 of 64 | Views 3 | select DSN,CYL/HD,START,ALLOC where dsn << \*FREE\* sort CYL/HD

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

-EXTENT  
-EXTENT

...11

00023  
00024  
00025  
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00064  
00065  
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<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

-----DSN-----	-----CYL/HD-----	-START--	-ALLOC-
*FREE*	072/04 072/05	1084	2
	085/14 085/14	1289	1
	099/00 099/04	1485	5
	099/10 099/12	1495	3
	099/14 099/14	1499	1
	102/00 102/14	1530	15
	116/07 116/07	1747	1
	117/06 117/06	1761	3
	117/14 117/14	1769	1
	128/00 128/14	1920	15
	135/13 135/14	2038	2
	149/13 149/14	2248	2
	151/14 151/14	2279	1
	154/07 155/14	2317	23
	165/00 165/14	2475	15
	284/00 284/14	4260	15
	438/00 707/14	6570	4050
	734/00 745/14	11010	180
	749/00 3338/14	11235	38850

Line 1 of 19 | Col 1 of 64 | Views 3 | select DSN,CYL/HD,START,ALLOC where dsn << \*FREE\* sort CYL/HD

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

EQ 771

-EXTENT  
-EXTENT

...11

00023  
00024  
00025  
00026  
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00030  
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00064  
00065  
00066

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

The "Edit" menu item captures the current List window view and displays it in a CBL edit view suitable for text editing and save to disk.

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Raw Help  
Command>

-----DSN-----			
*FREE*			
099/10	099/12	1495	3
099/14	099/14	1499	1
102/00	102/14	1530	15
116/07	116/07	1747	1
117/06	117/06	1761	3
117/14	117/14	1769	1
128/00	128/14	1920	15
135/13	135/14	2038	2
149/13	149/14	2248	2
151/14	151/14	2279	1
154/07	155/14	2317	23
165/00	165/14	2475	15
284/00	284/14	4260	15
438/00	707/14	6570	4050
734/00	745/14	11010	180
749/00	3338/14	11235	38850

Line 1 of 19 | Col 1 of 64 | Views 3 | select DSN,CYL/HD,START,ALLOC where dsn << \*FREE\* sort CYL/HD

Line 1 of 12 | Col 1 of 135 | Views 3 | select \* where sysprint << VSAM | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

EQ 771  
-EXTENT  
-EXTENT

...11  
00023  
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-Execute CBLVLCAT -+X  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTVTOC FDB  
View Back Forward FDB Edit  
Command>

-----DSN-----  
\*FREE\*

Line 1 of 19 Col 1 of 64

Line 1 of 12 Col 1 of 135

-CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X

-CBLV.LISTVTOC.FDB 64 F SEQ -+X  
Command>

```
.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
00035  
00036  
00037  
00038  
** 00039  
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00063  
00064  
00065  
00066
```

DSN	CYL/HD	START	ALLOC
*FREE*	072/04 072/05	1084	2
*FREE*	085/14 085/14	1289	1
*FREE*	099/00 099/04	1485	5
*FREE*	099/10 099/12	1495	3
*FREE*	099/14 099/14	1499	1
*FREE*	102/00 102/14	1530	15
*FREE*	116/07 116/07	1747	1
*FREE*	117/06 117/08	1761	3
*FREE*	117/14 117/14	1769	1
*FREE*	128/00 128/14	1920	15
*FREE*	135/13 135/14	2038	2
*FREE*	149/13 149/14	2248	2
*FREE*	151/14 151/14	2279	1
*FREE*	154/07 155/14	2317	23
*FREE*	165/00 165/14	2475	15
*FREE*	284/00 284/14	4260	15
*FREE*	438/00 707/14	6570	4050
*FREE*	734/00 745/14	11010	180
*FREE*	749/00 3338/14	11235	38850

\*\*\* Top of File \*\*\*  
\*\*\* End of File \*\*\*

listvtoc vol=cblm\* key=NBJ. merge

```
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

Line=0 Col=1 Alt=0,0;0 Size=20 Recl=64 Fmt=F Files=3 Views=3

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
  
-----DSN-----  
*FREE*
```

Line 1 of 19 Col 1 of 64

Line 1 of 12 Col 1 of 135

```
CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>  
-----CBL.CMX(CBLIDEMO) 252 V P-----  
-----CBL.CMX(JGE2) 252 V P-----  
-----CBLV.LISTVTOC.FDB-----  
Command> save  
|...+...1...+...2...  
*** Top of File ***  
-----DSN-----  
*FREE*  
*FREE*  
*FREE*  
*FREE* 099/10 099/12 1495 3  
*FREE* 099/14 099/14 1499 1  
*FREE* 102/00 102/14 1530 15  
*FREE* 116/07 116/07 1747 1  
*FREE* 117/06 117/08 1761 3  
*FREE* 117/14 117/14 1769 1  
*FREE* 128/00 128/14 1920 15  
*FREE* 135/13 135/14 2038 2  
*FREE* 149/13 149/14 2248 2  
*FREE* 151/14 151/14 2279 1  
*FREE* 154/07 155/14 2317 23  
*FREE* 165/00 165/14 2475 15  
*FREE* 284/00 284/14 4260 15  
*FREE* 438/00 707/14 6570 4050  
*FREE* 734/00 745/14 11010 180  
*FREE* 749/00 3338/14 11235 38850  
*** End of File ***  
  
listvtoc vol=cblm* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
 outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

When edited, the DSN data that was omitted in the List window is restored.  
  
This time we use the CBLLe CLI command "SAVE" to save the list to disk.

Line=0 Col=1 Alt=0,0;0 Size=20 Recl=64 Fmt=F Files=3 Views=3

```
-Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
  
-----DSN-----  
*FREE*
```

Line 1 of 19 Col 1 of 64

Line 1 of 12 Col 1 of 135

```
-CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>  
-CBL.CMX(CBLIDEMO) 252 V PDS  
-CBL.CMX(JGE2) 252 V PDS  
-CBLV.LISTVTOC.FDB 64 F SEQ  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
* * * Top of File * * *  
-----DSN-----CYL/HD-----START--ALLOC-  
*FREE* 072/04 072/05 1084 2 00000  
*FREE* 085/14 085/14 1289 1 00003  
*FREE* 099/00 099/04 1485 5 00004  
00005  
00006  
.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at keuschl. ext 00031  
00032  
00033  
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00062  
00063  
00064  
00065  
00066  
  
*FREE* 154/07 155/14 2317 23 00015  
*FREE* 165/00 165/14 2475 15 00016  
*FREE* 284/00 284/14 4260 15 00017  
*FREE* 438/00 707/14 6570 4050 00018  
*FREE* 734/00 745/14 11010 180 00019  
*FREE* 749/00 3338/14 11235 38850 00020  
00021  
  
* * * End of File * * *  
  
listvtoc vol=cblm* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

Save As

! Enter new file name:

File> jge2.cblm05.free

OK Cancel

When prompted, enter the DSN under which the data will be saved.

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
  
-----DSN-----  
*FREE*
```

Line 1 of 19 Col 1 of 64

Line 1 of 12 Col 1 of 135

```
-CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>  
-CBL.CMX(CBLIDEMO) 252 V PDS  
-CBL.CMX(JGE2) 252 V PDS  
-JGE2.CBLM05.FREE 64 F SEQ  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
*** Top of File ***  
-----DSN----- -----CYL/HD----- -START-- -ALLOC-  
*FREE* 072/04 072/05 1084 2 00000  
*FREE* 085/14 085/14 1289 1 00003  
*FREE* 099/00 099/04 1485 5 00004  
.....9.....+...10.....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
00028  
data set. 00029  
00030  
00031  
at key=cbl. ext 00032  
00033  
00034  
00035  
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00038  
** 00039  
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```

**Allocate nonVSAM**

Define Help  
Dataset> JGE2.CBLM05.FREE  
Model>   
Volume>   
Unit> SYSALLDA  
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation	DCB Information	SMS Classes
Allocation Unit> TRACKS	Organisation> PS	Data>
Primary> 1	Record Format> FB	Storage>
Secondary> 1	Record Length> 64	Management>
Directory Blocks> 0	Blocksize> 0	

Allocate Cancel Help

listvtoc v merge

```
** Tune a KSDS data  
<c /nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
<nomsg getavrl /*'EndTUNE*/ * | Tailor DSN to be tuned.  
| Get actual LRECL.  
  
<c /avlrecl=2452/_avlrecl=2452 define /*'EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned) \  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

Line=0 Col=1 Alt=0,0;0 Size=20 Recl=64 Fmt=F Files=3 Views=3

Because the data set does not already exist, the Allocate nonVSAM dialog is opened. We shall accept the defaults.

-Execute CBLV CAT -+X  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTVTOC FDB  
View Back Forward FDB Edit  
Command>

-----DSN-----  
\*FREE\*

Line 1 of 19 Col 1 of 64

-CBLe -+X  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X

-JGE2.CBLM05.FREE 64 F SEQ -+X  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
\*\*\* Top of File \*\*\*

DSN	CYL/HD	START	ALLOC	
*FREE*	072/04 072/05	1084	2	000000
*FREE*	085/14 085/14	1289	1	000001
*FREE*	099/00 099/04	1485	5	000002

-Allocate nonVSAM -+X  
Define Help

Dataset> JGE2.CBLM05.FREE  
Model>   
Volume>   
Unit> SYSALLDA  
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation	DCB Information	SMS Classes
Allocation Unit> TRACKS	Organisation> PS	Data>
Primary> 1	Record Format> FB	Storage>
Secondary> 1	Record Length> 64	Management>
Directory Blocks> 0	Blocksize> 0	

Allocate Cancel Help

....9....+...10....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
00033  
00034  
00035  
00036  
00037  
00038  
\*\* 00039  
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00064  
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listvtoc vol=cblm\* key=NBJ. merge

\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avlrecl=2452/\_avlrecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line 1 of 12 Col 1 of 135

-Execute CBLVCAT -+X  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTVTOC FDB  
View Back Forward FDB Edit  
Command>

-----DSN-----  
\*FREE\*

Line 1 of 19 Col 1 of 64

-CBL-  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X

-JGE2.CBLM05.FREE 64 F SEQ -+X  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
\* \* \* Top of File \* \* \*  
-----DSN----- -----CYL/HD----- -START-- -ALLOC-  
\*FREE\* 072/04 072/05 1084 2 00000  
\*FREE\* 085/14 085/14 1289 1 00003  
\*FREE\* 099/00 099/04 1485 5 00004

-Allocate nonVSAM -+X  
Define Help  
Dataset> JGE2.CBLM05.FREE  
Model>  
Volume>  
Unit> SYSALLDA  
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation	DCB Information	SMS Classes
Allocation Unit> TRACKS	Organisation> PS	Data>
Primary> 1	Record Format> FB	Storage>
Secondary> 1	Record Length> 64	Management>
Directory Blocks> 0	Blocksize> 0	

Allocate Cancel Help

....9....+...10....+...11  
parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
at key=cbl. ext 00031  
00032  
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listvtoc vol=cblm\* key=NBJ. merge

\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avlrecl=2452/\_avlrecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line 1 of 12 Col 1 of 135



-Execute CBLV CAT -+X  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTVTOC FDB -+X  
View Back Forward FDB Edit  
Command>

-----DSN-----  
\*FREE\*

Line 1 of 19 Col 1 of 64

-CBL -+X  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X

-JGE2.CBLM05.FREE 64 F SEQ -+X  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
\* \* \* Top of File \* \* \*  
-----DSN----- -----CYL/HD----- -START-- -ALLOC-  
\*FREE\* 072/04 072/05 1084 2 00000  
\*FREE\* 085/14 085/14 1289 1 00003  
\*FREE\* 099/00 099/04 1485 5 00004

-Allocate nonVSAM -+X  
Define Help  
Dataset> JGE2.CBLM05.FREE  
Model>  
Volume>  
Unit> SYSA  
Type> SEQ

Space Alloc MS Classes  
Allocation Unit Data>  
Primary range>  
Secondary> 1 Record Length> 64 Management>  
Directory Blocks> 0 Blocksize> 0

Allocate Cancel Help

Define NonVSAM  
! Dataset JGE2.CBLM05.FREE allocated.  
OK

listvtoc vol=cblm\* key=NBJ. merge

\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
<c /avlrecl=2452/\_avlrecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line 1 of 12 Col 1 of 135

-Execute CBLVFCAT -+X  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTVTOC FDB  
View Back Forward FDB Edit  
Command>  
-----DSN-----  
\*FREE\*  
  
Line 1 of 19 Col 1 of 64

-CBLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS -+X

-CBL.CMX(JGE2) 252 V PDS -+X  
-JGE2.CBLM05.FREE 64 F SEQ -+X  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
\*\*\* Top of File \*\*\*  
-----DSN----- -----CYL/HD----- -START-- -ALLOC-  
\*FREE\* 072/04 072/05 1084 2 000000  
\*FREE\* 085/14 085/14 1289 1 000001  
\*FREE\* 099/00 099/04 1485 5 000002  
\*FREE\* 099/10 099/12 1495 3 000003  
\*FREE\* 099/14 099/14 1499 1 000004  
\*FREE\* 102/00 102/14 1530 15 000005  
\*FREE\* 116/07 116/07 1747 1 000006  
\*FREE\* 117/06 117/08 1761 3 000007  
\*FREE\* 117/14 117/14 1769 1 000008  
\*FREE\* 128/00 128/14 1920 15 000009  
\*FREE\* 135/13 135/14 2038 2 000010  
\*FREE\* 149/13 149/14 2248 2 000011  
\*FREE\* 151/14 151/14 2279 1 000012  
\*FREE\* 154/07 155/14 2317 23 000013  
\*FREE\* 165/00 165/14 2475 15 000014  
\*FREE\* 284/00 284/14 4260 15 000015  
\*FREE\* 438/00 707/14 6570 4050 000016  
\*FREE\* 734/00 745/14 11010 180 000017  
\*FREE\* 749/00 3338/14 11235 38850 000018  
\*\*\* End of File \*\*\* 000019  
000020  
000021

....9....+...10....+...11  
parameter. 000023  
000024  
000025  
000026  
000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
000032  
000033  
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listvtoc vol=cblm\* key=NBJ. merge  
  
\*\* Tune a KSDS data set using actual average LRECL \*\*  
<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avtrecl=2452/\_avtrecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

```
Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
  
-----DSN-----  
*FREE*
```

```
CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>  
-----CBL.CMX(CBLIDEMO) 252 V PDS-----  
-----CBL.CMX(JGE2) 252 V PDS-----  
-----JGE2.CBLM05.FREE 64 F SEQ-----  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...>+...7...  
*** Top of File ***  
-----DSN-----CYL/HD-----START--ALLOC-  
*FREE* 072/04 072/05 1084 2 000000  
*FREE* 085/14 085/14 1289 1 000001  
*FREE* 099/00 099/04 1485 5 000002  
*FREE* 099/10 099/12 1495 3 000003  
*FREE* 099/14 099/14 1499 1 000004  
*FREE* 102/00 102/14 1530 15 000005  
*FREE* 115/07 115/07 1547 1 000006  
*FREE* 115/07 115/07 1547 1 000007  
*FREE* 115/07 115/07 1547 1 000008  
*FREE* 115/07 115/07 1547 1 000009  
*FREE* 115/07 115/07 1547 1 000010  
*FREE* 115/07 115/07 1547 1 000011  
*FREE* 115/07 115/07 1547 1 000012  
*FREE* 115/07 115/07 1547 1 000013  
*FREE* 149/13 149/14 2248 2 000014  
*FREE* 151/14 151/14 2279 1 000015  
*FREE* 154/07 155/14 2317 23 000016  
*FREE* 165/00 165/14 2475 15 000017  
*FREE* 284/00 284/14 4260 15 000018  
*FREE* 438/00 707/14 6570 4050 000019  
*FREE* 734/00 745/14 11010 180 000020  
*FREE* 749/00 3338/14 11235 38850 000021  
*** End of File ***
```

<F3> to exit the edit view.

```
....9....+...10....+...11  
parameter. 000023  
000024  
000025  
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000027  
data set. 000028  
000029  
000030  
at key=cbl. ext 000031  
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```

Line 1 of 19 Col 1 of 64

Line 1 of 12 Col 1 of 135

```
listvtoc vol=cblm* key=NBJ. merge  
  
** Tune a KSDS data set using actual average LRECL **  
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.  
  
<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define  
  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)  
  
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

Line=0 Col=1 Alt=0,0;0 Size=20 Recl=64 Fmt=F Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTVTOC FDB  
View Back Forward FDB Edit Help  
Command>

-----DSN-----	-----CYL/HD-----	-START--	-ALLOC-
*FREE*	072/04 072/05	1084	2
	085/14 085/14	1289	1
	099/00 099/04	1485	5
	099/10 099/12	1495	3
	099/14 099/14	1499	1
	102/00 102/14	1530	15
	116/07 116/07	1747	1
	117/06 117/06	1761	3
	117/14 117/14	1769	1
	134/01 134/14	2014	28
	165/00 165/14	2475	15
	284/00 284/14	4260	15
	438/00 707/14	6570	4050
	734/00 745/14	11010	180
	749/00 3338/14	11235	38850

<F3> to exit the raw data List window.

Line 1 of 19 Col 1 of 64 Views 3 select DSN,CYL/HD,START,ALLOC where dsn << \*FREE\* sort CYL/HD

+....9....+...10....+...11  
I parameter. 00023  
00024  
00025  
00026  
00027  
data set. 00028  
00029  
00030  
cat key=cbl. ext 00031  
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Line 1 of 12 Col 1 of 135

```
listvcat          key=NBJ. noalias noindex      merge
listvtoc vol=cblm* key=NBJ.                    merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cbldemo.v0000.ksds/_nbj.cbldemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg  getavrl      nbj.cbldemo.v0000.ksds          | Get actual LRECL.

<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cbldemo.v0000.ksds tune growth=0 avtrecl=2452 define

<ams repro      indataset(nbj.cbldemo.v0000.ksds) \
                outdataset(nbj.cbldemo.v0000.ksds.tuned)

<cbli v listcat key=nbj.cbldemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Select "Forward" to redisplay the VTOC report of entries that occupy multiple extents.

```
Execute CBLVCAT  
View Back Forward FDB Ed  
Command>  
VCAT Command> listvtoc v  
VCAT Program> CBLV
```

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	SysPrint	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL,EXT,STR2,KSDS,INDEX			30	1			VSAM	*EXPD*	4096		U	2003/12/05	
SYS1,VVDS,VCBLM05	002/01	002/10	31	10			VSAM	*EXPD*	4096			2003/12/05	
CBL,EXT,STR3,KSDS,DATA	002/11	002/14	41	4			VSAM	*EXPD*	4096		U	2003/12/05	VOL SEQ 771
CBL,EXT,STR2,KSDS,DATA	003/00	003/05	45	6			VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,DATA	003/06	003/08	51	3			VSAM	*EXPD*	4096		U	2003/12/05	
CBL,EXT,STR4,KSDS,INDEX			54	1			VSAM	*EXPD*	4096		U	2003/12/05	
LAC,TESTESDS,DATA	070/08	070/08	1058	1			VSAM	*EXPD*	4096		U	2004/11/01	
NBJ,CBLIDEMO,V0010,KSDS,INDEX			82	1			VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0000,KSDS,INDEX			83	1			VSAM	*EXPD*	4096		U	2005/10/07	
NBJ,CBLIDEMO,V0010,KSDS,DATA			35	45			VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ,CBLIDEMO,V0000,KSDS,DATA			10	28			VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT

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```

```
Line 1 of 12 Col 1 of 135 Views 3 select * where sysprint << VSAM | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
*EndTUNE*
```

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc v=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit
Command>
VCAT Command> listvtoc vcl=cblm05 f
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD  LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS         003/11  003/11    56     1     1  PDS   *EXPD*   3200     80   FB   2004/06/08  MULTI-EXTENT
LAC.JCL                 004/00  004/01    60     2     1  PDSE   *EXPD*  23440     80   FB   2004/03/08  MULTI-EXTENT
HWJ.HTTPD.CONF         004/13  004/13    73     1     1  PDSE   *EXPD*  32760    255  VB   2004/10/07  MULTI-EXTENT
NBJ.CBL210.OBJ         014/09  014/09   219     1     1  PDSE   *EXPD*   3120     80   FB   2004/04/16  MULTI-EXTENT
CBL.CMX                 020/00  020/14   300    15     1  PDSE   *EXPD*  23476    256  VB   2004/02/24  MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS  021/00  025/14   315    75    75  PDSE   *EXPD*  27920     80   FB   2004/02/13  MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE  026/00  030/14   390    75    75  PDSE   *EXPD*  27920     80   FB   2004/02/13  MULTI-EXTENT
CBL.SQ11484.UNMATCH    070/07  070/07  1057     1     1  PDSE   *EXPD*  27900    100  FB   2005/03/02  MULTI-EXTENT
NBJ.FREE.VOLSEERS      072/06  072/06  1086     1     1  PDSE   *EXPD*  27930    133  FB   2005/09/30  MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL  080/10  080/10  1210     1     1  PDSE   *EXPD*   1540    154  FB   2005/08/10  MULTI-EXTENT
NBJ.CBLI.INSTLIB       086/00  086/14  1290    15     1  PDSE   *EXPD*  32720     80   FB   2004/04/16  MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA  35     45     VSAM   *EXPD*   4096     U   2005/10/07  MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA  10     28     VSAM   *EXPD*   4096     U   2005/10/07  MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ  30    15    15  PDSE   *EXPD*  27920     80   FB   2004/05/27  MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ  45    15    15  PDSE   *EXPD*  27920     80   FB   2004/05/27  MULTI-EXTENT
CBL.SYSPRINT           167/00  169/14  2505    45    45  PDS    *EXPD*  27930    133  FBA  2004/11/02  MULTI-EXTENT
CBL.DBX220.ADA         184/00  233/14  2760    750   150  PDSE   *EXPD*  23476    8188  VB   2005/01/20  MULTI-EXTENT
CBL.DBX230.ADA         264/00  273/14  3960    150   135  PDSE   *EXPD*  23476    8188  VB   2005/01/21  MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ  409/00  417/14  6135    135   135  PDSE   *EXPD*  27998    4089  VB   2005/09/06  MULTI-EXTENT
JGE.CBLI.HELP.HTML     423/00  427/14  6345     75    30  PDSE   *EXPD*  32760    255  VB   2005/10/17  MULTI-EXTENT
CBL.CBLI110.ASM        708/00  727/14  10620   300    30  PDSE   *EXPD*  23440     80   FB   2004/11/17  MULTI-EXTENT
JGE.CBLI.MACLIB        746/00  747/14  11190    30    30  PDS    *EXPD*  23440     80   FB   2004/11/19  MULTI-EXTENT
```

This time, we select "Edit" to save the CBLVCAT report output to disk.

Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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```
-Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc v0=c  
VCAT Program> CBLV  
-----  
VTOC OF CBLM05  
CBL.IQ0073.PDS 0  
LAC.JCL 0  
HWJ.HTTPD.CONF 0  
NBJ.CBL210.OBJ 0  
CBL.CMX 0  
CBL.CBLI.DIST.BJP.MVS 0  
CBL.CBLI.DIST.BJP.VSE 0  
CBL.SQ11484.UNMATCH 0  
NBJ.FREE.VOLSERS 0  
NBJ.SQ11527.MULTI.VOL 0  
NBJ.CBLI.INSTLIB 0  
NBJ.CBLIDEMO.V0010.KSDS.D 0  
NBJ.CBLIDEMO.V0000.KSDS.D 0  
CBL.CBLI.DIST.BJP.VSE.OBJ 0  
CBL.CBLI.DIST.BJP.MVS.OBJ 0  
CBL.SYSPRINT 1  
CBL.DBX220.ADA 1  
CBL.DBX230.ADA 2  
NBJ.CBLIDEMO.V0004.SEQ 4  
JGE.CBLI.HELP.HTML 4  
CBL.CBLI110.ASM 7  
JGE.CBLI.MACLIB 7
```

Line 1 of 23 Col 1 of 135

```
-CBL  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
```

```
-CBL.CMX(CBLIDEMO) 252 V PDS
```

```
-CBL.CMX(JGE2) 252 V PDS
```

```
-EXECUTE.CBLVCAT 133 F SEQ (Read Only)
```

```
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...  
-----SysPrint-----
```

	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATE	
VTOC OF CBLM05												000001
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/	000002
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/	000003
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/	000004
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/	000005
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/	000006
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/	000007
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/	000008
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/	000009
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/	000010
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/	000011
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	U	2004/04/	000012
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/	000013
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/	000014
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/	000015
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/	000016
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/	000017
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/	000018
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/	000019
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/	000020
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/	000021
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/	000022
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/	000023
* * * End of File * * *												

```
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 000055  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 000056  
<c /avtlrecl=2452/_avtlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 000057  
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtlrecl=2452 define 000058  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 000059  
outdataset(nbj.cblidemo.v0000.ksds.tuned) 000060  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 000061  
*EndTUNE* 000062  
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```

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc v0=c
VCAT Program> CBLV
-----
VTOC OF CBLM05
CBL.IQ0073.PDS          0
LAC.JCL                 0
HWJ.HTTPD.CONF         0
NBJ.CBL210.OBJ         0
CBL.CMX                 0
CBL.CBLI.DIST.BJP.MVS  0
CBL.CBLI.DIST.BJP.VSE  0
CBL.SQ11484.UNMATCH    0
NBJ.FREE.VOLSERS       0
NBJ.SQ11527.MULTI.VOL  0
NBJ.CBLI.INSTLIB       0
NBJ.CBLIDEMO.V0010.KSDS.D 0
NBJ.CBLIDEMO.V0000.KSDS.D 0
CBL.CBLI.DIST.BJP.VSE.OBJ 0
CBL.CBLI.DIST.BJP.MVS.OBJ 0
CBL.SYSPRINT           1
CBL.DBX220.ADA         1
CBL.DBX230.ADA         2
NBJ.CBLIDEMO.V0004.SEQ 4
JGE.CBLI.HELP.HTML    4
CBL.CBLI110.ASM        7
JGE.CBLI.MACLIB        7
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
-EXECUTE.CBLVCAT 133 F SEQ (Read Only)
Command> save
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...
-----SysPrint-----
VTOC OF CBLM05          CYL/HD  LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATE
CBL.IQ0073.PDS          003/11 003/11    56     1     1  PDS   *EXPD*   3200    80    FB    2004/06/
LAC.JCL                 004/00 004/01    60     2     1  PDSE  *EXPD*  23440   80    FB    2004/03/
HWJ.HTTPD.CONF         004/13 004/13    73     1     1  PDSE  *EXPD*  32760  255    VB    2004/10/
NBJ.CBL210.OBJ         014/09 014/09   219     1     1  PDSE  *EXPD*   3120    80    FB    2004/04/
CBL.CMX                 020/00 020/14   300    15     1  PDSE  *EXPD*  23476  256    VB    2004/02/
CBL.CBLI.DIST.BJP.MVS  021/00 025/14   315    75    75  PDSE  *EXPD*  27920   80    FB    2004/02/
CBL.CBLI.DIST.BJP.VSE  026/00 030/14   390    75    75  PDSE  *EXPD*  27920   80    FB    2004/02/
CBL.SQ11484.UNMATCH    070/07 070/07  1057     1     1  PDSE  *EXPD*  27900  100    FB    2005/03/
NBJ.FREE.VOLSERS       072/06 072/06  1086     1     1  PDSE  *EXPD*  27930  133    FB    2005/09/
NBJ.SQ11527.MULTI.VOL  080/10 080/10  1210     1     1  PDSE  *EXPD*   1540  154    FB    2005/08/
NBJ.CBLI.INSTLIB       086/00 086/14  1290    15     1  PDSE  *EXPD*  32720   80    FB    2004/04/
NBJ.CBLIDEMO.V0010.KSDS.D 086/00 086/14  1290    15     1  PDSE  *EXPD*  32720   80    FB    2004/04/
NBJ.CBLIDEMO.V0000.KSDS.D 086/00 086/14  1290    15     1  PDSE  *EXPD*  32720   80    FB    2004/04/
CBL.CBLI.DIST.BJP.VSE.OBJ 086/00 086/14  1290    15     1  PDSE  *EXPD*  32720   80    FB    2004/05/
CBL.CBLI.DIST.BJP.MVS.OBJ 086/00 086/14  1290    15     1  PDSE  *EXPD*  32720   80    FB    2004/05/
CBL.SYSPRINT           167/00 169/14  2505    45    45  PDS   *EXPD*  27930  133    FBA   2004/11/
CBL.DBX220.ADA         184/00 233/14  2760   750    15  PDSE  *EXPD*  23476  8188   VB    2005/01/
CBL.DBX230.ADA         264/00 273/14  3960   150    15  PDSE  *EXPD*  23476  8188   VB    2005/01/
NBJ.CBLIDEMO.V0004.SEQ 409/00 417/14  6135   135   135  PDSE  *EXPD*  27998  4089   VB    2005/09/
JGE.CBLI.HELP.HTML    423/00 427/14  6345    75    75  PDSE  *EXPD*  32760  255    VB    2005/10/
CBL.CBLI110.ASM        708/00 727/14 10620   300    30  PDSE  *EXPD*  23440   80    FB    2004/11/
JGE.CBLI.MACLIB        746/00 747/14 11190    30    30  PDS   *EXPD*  23440   80    FB    2004/11/
*** End of File ***
```

```
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line 1 of 23 Col 1 of 135

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc v0=c

VCAT Program> CBLV

VTOC OF CBLM05	
CBL.IQ0073.PDS	0
LAC.JCL	0
HWJ.HTTPD.CONF	0
NBJ.CBL210.OBJ	0
CBL.CMX	0
CBL.CBLI.DIST.BJP.MVS	0
CBL.CBLI.DIST.BJP.VSE	0
CBL.SQ11484.UNMATCH	0
NBJ.FREE.VOLSERS	0
NBJ.SQ11527.MULTI.VOL	0
NBJ.CBLI.INSTLIB	0
NBJ.CBLIDEMO.V0010.KSDS.D	0
NBJ.CBLIDEMO.V0000.KSDS.D	0
CBL.CBLI.DIST.BJP.MV	0
CBL.CBLI.DIST.BJP.VS	0
CBL.SQ11484.UNMATCH	0
NBJ.FREE.VOLSERS	0
NBJ.SQ11527.MULTI.VO	0
NBJ.CBLI.INSTLIB	0
CBL.DBX220.ADA	1
CBL.DBX230.ADA	2
NBJ.CBLIDEMO.V0004.SEQ	4
JGE.CBLI.HELP.HTML	4
CBL.CBLI110.ASM	7
JGE.CBLI.MACLIB	7

-CBLI  
File Edit Actions Options Window Help SV ToF BoF WS WR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-EXECUTE.CBLVCAT 133 F SEQ (Read Only)  
Command>

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATE	
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/	000001
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/	000003
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/	000004
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/	000005
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/	000006
CBL.CBLI.DIST.BJP.MV										FB	2004/02/	000007
CBL.CBLI.DIST.BJP.VS										FB	2004/02/	000008
CBL.SQ11484.UNMATCH										FB	2004/02/	000009
NBJ.FREE.VOLSERS										FB	2005/03/	000010
NBJ.SQ11527.MULTI.VO										FB	2005/09/	000011
NBJ.CBLI.INSTLIB										FB	2005/08/	000012
NBJ.CBLIDEMO.V0010.K										FB	2004/04/	000013
NBJ.CBLIDEMO.V0000.K										U	2005/10/	000014
NBJ.CBLI.DIST.BJP.VS										U	2005/10/	000015
CBL.CBLI.DIST.BJP.MV										FB	2004/05/	000016
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/	000017
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/	000018
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/	000019
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/	000020
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/	000021
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/	000022
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/	000023
												000024
												000025

Save As

Enter new file name:

File> jge2.cblm05.multi.extent

OK Cancel

```
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 000055  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 000056  
000057  
<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 000058  
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define 000059  
000060  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 000061  
outdataset(nbj.cblidemo.v0000.ksds.tuned) 000062  
000063  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 000064  
*EndTUNE* 000065  
000066
```

Line 1 of 23 Col 1 of 135

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=c

VCAT Program> CBLV

---

VTOC OF CBLM05  
CBL.IQ0073.PDS 0  
LAC.JCL 0  
HWJ.HTTPD.CONF 0  
NBJ.CBL210.OBJ 0  
CBL.CMX 0  
CBL.CBLI.DIST.BJP.MVS 0  
CBL.CBLI.DIST.BJP.VSE 0  
CBL.SQ11484.UNMATCH 0  
NBJ.FREE.VOLSERS 0  
NBJ.SQ11527.MULTI.VOL 0  
NBJ.CBLI.INSTLIB 0  
NBJ.CBLIDEMO.V0010.KSDS.D 0  
NBJ.CBLIDEMO.V0000.KSDS.D 0  
CBL.CBLI.DIST.BJP.VSE.OBJ 0  
CBL.CBLI.DIST.BJP.MVS.OBJ 0  
CBL.SYSPRINT 1  
CBL.DBX220.ADA 1  
CBL.DBX230.ADA 2  
NBJ.CBLIDEMO.V0004.SEQ 4  
JGE.CBLI.HELP.HTML 4  
CBL.CBLI110.ASM 7  
JGE.CBLI.MACLIB 7

Line 1 of 23 Col 1 of 135

-CBLI  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-JGE2.CBLM05.MULTI.EXTENT 133 F SEQ  
Command>  
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...  
-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATE	000001
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/	000002
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/	000003
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/	000004
								20	80	FB	2004/04/	000005
								76	256	VB	2004/02/	000006
								20	80	FB	2004/02/	000007
								20	80	FB	2004/02/	000008
								00	100	FB	2005/03/	000009
								30	133	FB	2005/09/	000010
								40	154	FB	2005/08/	000011
								20	80	FB	2004/04/	000012
								96		U	2005/10/	000013
								96		U	2005/10/	000014
								20	80	FB	2004/05/	000015
								20	80	FB	2004/05/	000016
								30	133	FBA	2004/11/	000017
								76	8188	VB	2005/01/	000018
								76	8188	VB	2005/01/	000019
								98	4089	VB	2005/01/	000020
								60	255	VB	2005/09/	000021
								60	255	VB	2005/10/	000022
								23440	80	FB	2004/11/	000023
								23440	80	FB	2004/11/	000024
												000025

\* \* \* End of File \* \* \*

<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned. 000055  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 000056  
000057  
<c /avtrecl=2452/\_avtrecl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL. 000058  
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define 000059  
000060  
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 000061  
outdataset(nbj.cblidemo.v0000.ksds.tuned) 000062  
000063  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 000064  
\*EndTUNE\* 000065  
000066

Allocate nonVSAM  
Define Help  
Dataset> JGE2.CBLM05.MULTI.EXTENT  
Model>   
Volume>   
Unit> SYSALLDA  
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation	DCB Information	SMS Classes
Allocation Unit> TRACKS	Organisation> PS	Data>
Primary> 1	Record Format> FB	Storage>
Secondary> 1	Record Length> 133	Management>
Directory Blocks> 0	Blocksize> 0	

Allocate Cancel Help

CBL.CBLI110.ASM 708/00 727/14 10620 300 PDSE \*EXPD\* 23440 80 FB 2004/11/ 000023  
JGE.CBLI.MACLIB 746/00 747/14 11190 30 PDS \*EXPD\* 23440 80 FB 2004/11/ 000024

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

This frame's title will come here...

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=c
-----
VCAT Program> CBLV
-----
VTOC OF CBLM05
CBL.IQ0073.PDS          0
LAC.JCL                 0
HWJ.HTTPD.CONF         0
NBJ.CBL210.OBJ         0
CBL.CMX                 0
CBL.CBLI.DIST.BJP.MVS  0
CBL.CBLI.DIST.BJP.VSE  0
CBL.SQ11484.UNMATCH    0
NBJ.FREE.VOLSERS       0
NBJ.SQ11527.MULTI.VOL  0
NBJ.CBLI.INSTLIB       0
NBJ.CBLIDEMO.V0010.KSDS.D 0
NBJ.CBLIDEMO.V0000.KSDS.D 0
CBL.CBLI.DIST.BJP.VSE.OBJ 0
CBL.CBLI.DIST.BJP.MVS.OBJ 0
CBL.SYSPRINT           1
CBL.DBX220.ADA         1
CBL.DBX230.ADA         2
NBJ.CBLIDEMO.V0004.SEQ 4
JGE.CBLI.HELP.HTML    4
CBL.CBLI110.ASM        7
JGE.CBLI.MACLIB        7
```

Line 1 of 23 Col 1 of 135

```
-CBL
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----
-CBL.CMX(CBLIDEMO) 252 V PDS
-----
-CBL.CMX(JGE2) 252 V PDS
-----
-JGE2.CBLM05.MULTI.EXTENT 133 F SEQ
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS   START  ALLOC   USED   TYPE   EXPIRES  BLKSIZE  LRECL  RECFM   CREATE
CBL.IQ0073.PDS         003/11 003/11    56     1     1     PDS     *EXPD*   3200    80     FB     2004/06/
LAC.JCL                004/00 004/01    60     2     1     PDSE    *EXPD*  23440   80     FB     2004/03/
HWJ.HTTPD.CONF        004/13 004/13    73     1     1     *EXPD*  32760  255    VB     2004/10/
CBL.CBLI110.ASM       708/00 727/14  10620  300   30    PDSE    *EXPD*  23440   80     FB     2004/11/
JGE.CBLI.MACLIB       746/00 747/14  11190  30    30    PDS     *EXPD*  23440   80     FB     2004/11/
*** End of File ***

Allocate nonVSAM
Define Help
Dataset> JGE2.CBLM05.MULTI.EXTENT
Model>
Volume>
Unit> SYSALLDA
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation      DCB Information      SMS Classes
Allocation Unit> TRACKS  Organisation> PS      Data>
Primary> 1             Record Format> FB     Storage>
Secondary> 1           Record Length> 133   Management>
Directory Blocks> 0     Blocksize> 0

Allocate Cancel Help

CBL.CBLI110.ASM       708/00 727/14  10620  300   30    PDSE    *EXPD*  23440   80     FB     2004/11/
JGE.CBLI.MACLIB       746/00 747/14  11190  30    30    PDS     *EXPD*  23440   80     FB     2004/11/
*** End of File ***

<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 000055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 000056
000057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 000058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 000059
000060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 000061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 000062
000063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 000064
*EndTUNE* 000065
000066
```

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=c
-----
VCAT Program> CBLV
-----
VTOC OF CBLM05
CBL.IQ0073.PDS          0
LAC.JCL                 0
HWJ.HTTPD.CONF         0
NBJ.CBL210.OBJ         0
CBL.CMX                 0
CBL.CBLI.DIST.BJP.MVS  0
CBL.CBLI.DIST.BJP.VSE  0
CBL.SQ11484.UNMATCH    0
NBJ.FREE.VOLSERS       0
NBJ.SQ11527.MULTI.VOL  0
NBJ.CBLI.INSTLIB       0
NBJ.CBLIDEMO.V0010.KSDS.D 0
NBJ.CBLIDEMO.V0000.KSDS.D 0
CBL.CBLI.DIST.BJP.VSE.OBJ 0
CBL.CBLI.DIST.BJP.MVS.OBJ 0
CBL.SYSPRINT           1
CBL.DBX220.ADA         1
CBL.DBX230.ADA         2
NBJ.CBLIDEMO.V0004.SEQ 4
JGE.CBLI.HELP.HTML    4
CBL.CBLI110.ASM        7
JGE.CBLI.MACLIB        7
```

```
-CBLLe
File Edit Actions Options Window Help  Sv ToF BoF wS wR Pfx <>
-----
-CBL.CMX(CBLIDEMO) 252 V PDS
-----
-CBL.CMX(JGE2) 252 V PDS
-----
-JGE2.CBLM05.MULTI.EXTENT 133 F SEQ
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATE
CBL.IQ0073.PDS         003/11 003/11    56     1     1   PDS   *EXPD*   3200     80   FB    2004/06/
LAC.JCL                004/00 004/01    60     2     1   PDSE  *EXPD*  23440     80   FB    2004/03/
HWJ.HTTPD.CONF        004/13 004/13    73     1     1   PDS   *EXPD*  32760    255   VB    2004/10/
CBL.CBLI.DIST.BJP.MVS 20     80   FB    2004/04/
CBL.CBLI.DIST.BJP.VSE 76     256   VB    2004/02/
NBJ.FREE.VOLSERS      20     80   FB    2004/02/
NBJ.SQ11527.MULTI.VOL 20     80   FB    2004/02/
NBJ.CBLI.INSTLIB      00     100  FB    2005/03/
NBJ.CBLIDEMO.V0010.KSDS.D 30    133  FB    2005/09/
NBJ.CBLIDEMO.V0000.KSDS.D 40    154  FB    2005/08/
CBL.CBLI.DIST.BJP.VSE.OBJ 20     80   FB    2004/04/
CBL.CBLI.DIST.BJP.MVS.OBJ 96     80   U     2005/10/
CBL.SYSPRINT          96     80   U     2005/10/
CBL.DBX220.ADA        20     80   FB    2004/05/
CBL.DBX230.ADA        20     80   FB    2004/05/
NBJ.CBLIDEMO.V0004.SEQ 30    133  FBA   2004/11/
JGE.CBLI.HELP.HTML   76    8188  VB    2005/01/
CBL.CBLI110.ASM      76    8188  VB    2005/01/
JGE.CBLI.MACLIB      98   4089  VB    2005/09/
CBL.CBLI110.ASM       60    255  VB    2005/10/
JGE.CBLI.MACLIB      60    255  VB    2004/11/
* * * End of File * * *
CBL.CBLI110.ASM       708/00 727/14 10620  300   PDSE  *EXPD*  23440     80   FB    2004/11/
JGE.CBLI.MACLIB       746/00 747/14 11190   30   PDS   *EXPD*  23440     80   FB    2004/11/
* * * End of File * * *
```

```
-Allocate nonVSAM
Define Help
Dataset> JGE2.CBLM05.MULTI.EXTENT
Model>
Volume>
Unit> SYSALLDA
Type> SEQ (SEQ|PDS|PDSE)

Space Allocation      DCB Information      SMS Classes
Allocation Unit> TRACKS  Organisation> PS      Data>
Primary> 1             Record Format> FB     Storage>
Secondary> 1           Record Length> 133   Management>
Directory Blocks> 0     Blocksize> 0

Allocate      Cancel      Help
```

```
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avtrecl=2452/_avtrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avtrecl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line 1 of 23 Col 1 of 135

This frame's title will come here...

```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=c
-----
VCAT Program> CBLV
-----
VTOC OF CBLM05
CBL.IQ0073.PDS          0
LAC.JCL                 0
HWJ.HTTPD.CONF         0
NBJ.CBL210.OBJ         0
CBL.CMX                 0
CBL.CBLI.DIST.BJP.MVS  0
CBL.CBLI.DIST.BJP.VSE  0
CBL.SQ11484.UNMATCH    0
NBJ.FREE.VOLERS        0
NBJ.SQ11527.MULTI.VOL  0
NBJ.CBLI.INSTLIB       0
NBJ.CBLIDEMO.V0010.KSDS.D 0
NBJ.CBLIDEMO.V0000.KSDS.D 0
CBL.CBLI.DIST.BJP.VSE.OBJ 0
CBL.CBLI.DIST.BJP.MVS.OBJ 0
CBL.SYSPRINT           1
CBL.DBX220.ADA         1
CBL.DBX230.ADA         2
NBJ.CBLIDEMO.V0004.SEQ  4
JGE.CBLI.HELP.HTML    4
CBL.CBLI110.ASM        7
JGE.CBLI.MACLIB        7
    
```

```

-CBL
File Edit Actions Options Window Help  Sv ToF BoF Ws Wt Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
    
```

```

-JGE2.CBLM05.MULTI.EXTENT 133 F SEQ
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...
-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATE
CBL.IQ0073.PDS         003/11 003/11    56     1     1   PDS   *EXPD*    3200     80   FB    2004/06/
LAC.JCL                004/00 004/01    60     2     1  PDSE  *EXPD*   23440     80   FB    2004/03/
HWJ.HTTPD.CONF        004/13 004/13    73     1     1   PDS   *EXPD*   32760   255   VB    2004/10/
    
```

```

-Allocate nonVSAM
Define Help
Dataset> JGE2.CBLM05.MULTI.EXTENT
Model>
Volume>
Unit>
Type>
Space F
Allocation Pri
Secondary> 1
Directory Blocks> 0
Record Length> 133
Blocksize> 0
Management>
Allocate Cancel Help
    
```

```

Define NonVSAM
! Dataset JGE2.CBLM05.MULTI.EXTENT allocated.
OK
    
```

```

CBL.CBLI110.ASM        708/00 727/14 10620 300
JGE.CBLI.MACLIB       746/00 747/14 11190  30
*** End of File ***
    
```

<ENTER> to continue, then  
<F3> to exit the edit view.

```

<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define
<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)
<cblv listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
    
```

Line 1 of 23 Col 1 of 135

Line=1 Col=1 Alt=0,0;0 Size=24 Recl=133 Fmt=F Files=3 Views=3

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

... 11  
00023  
00024  
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00064  
00065  
00066

Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		DSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		DSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75								MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75								EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1								EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1								EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1								EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15								EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45								EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28								EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15								EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15								EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45								EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750								EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150								EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

We have already seen the default action of hitting <ENTER> on a CBLVCAT report entry that references a User Catalog and one that references a VSAM or sequential data set. If the TYPE field is PDS or PDSE, <ENTER> opens a Library List window.

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS         003/11  003/11    56    1    1  PDS    *EXPD*    3200    80    FB    2004/06/08  MULTI-EXTENT
                      3440    80    FB    2004/03/08  MULTI-EXTENT
                      2760   255   VB    2004/10/07  MULTI-EXTENT
                      3120    80    FB    2004/04/16  MULTI-EXTENT
                      3476   256   VB    2004/02/24  MULTI-EXTENT
                      7920    80    FB    2004/02/13  MULTI-EXTENT
                      7920    80    FB    2004/02/13  MULTI-EXTENT
                      7900   100   FB    2005/03/02  MULTI-EXTENT
                      7930   133   FB    2005/09/30  MULTI-EXTENT
                      1540   154   FB    2005/08/10  MULTI-EXTENT
                      2720    80    FB    2004/04/16  MULTI-EXTENT
                      4096     U    2005/10/07  MULTI-EXTENT
                      4096     U    2005/10/07  MULTI-EXTENT
                      7920    80    FB    2004/05/27  MULTI-EXTENT
                      7920    80    FB    2004/05/27  MULTI-EXTENT
                      7930   133   FBA   2004/11/02  MULTI-EXTENT
                      3476   8188   VB    2005/01/20  MULTI-EXTENT
                      3476   8188   VB    2005/01/21  MULTI-EXTENT
                      7998   4089   VB    2005/09/06  MULTI-EXTENT
                      2760   255   VB    2005/10/17  MULTI-EXTENT
                      3440    80    FB    2004/11/17  MULTI-EXTENT
                      3440    80    FB    2004/11/19  MULTI-EXTENT
```

```
-Library List
View Back Forward FDB Edit Help
Command>
Library> CBL.IQ0073.PDS
-Member- Alias VV MM Created- ---LastMod--- CurSize IniSize -Mods- --User--
BLOCK      N
CCDATE     N
COLSET     N
CURSCALE   N
ERA        N
HD         N
PROFILE    N
SETPT      N
SSCOPY     N
SV         N
Line 1 of 10  Col 1 of 78  Views 1  select * sort Member
```

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```

```
Line 1 of 23  Col 1 of 135  Views 3  select * where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS        003/11  003/11    56    1    1  PDS  *EXPD*    3200    80   FB    2004/06/08  MULTI-EXTENT
                    3440    80   FB    2004/03/08  MULTI-EXTENT
                    2760   255  VB    2004/10/07  MULTI-EXTENT
                    3120    80   FB    2004/04/16  MULTI-EXTENT
                    3476   256  VB    2004/02/24  MULTI-EXTENT
                    7920    80   FB    2004/02/13  MULTI-EXTENT
                    7920    80   FB    2004/02/13  MULTI-EXTENT
                    7900   100  FB    2005/03/02  MULTI-EXTENT
                    7930   133  FB    2005/09/30  MULTI-EXTENT
                    1540   154  FB    2005/08/10  MULTI-EXTENT
                    2720    80   FB    2004/04/16  MULTI-EXTENT
                    4096    80   U    2005/10/07  MULTI-EXTENT
                    4096    80   U    2005/10/07  MULTI-EXTENT
                    7920    80   FB    2004/05/27  MULTI-EXTENT
                    7920    80   FB    2004/05/27  MULTI-EXTENT
                    7930   133  FBA   2004/11/02  MULTI-EXTENT
                    3476   8188  VB    2005/01/20  MULTI-EXTENT
                    3476   8188  VB    2005/01/21  MULTI-EXTENT
                    7998   4089  VB    2005/09/06  MULTI-EXTENT
                    2760   255  VB    2005/10/17  MULTI-EXTENT
                    3440    80   FB    2004/11/17  MULTI-EXTENT
                    3440    80   FB    2004/11/19  MULTI-EXTENT
```

```
-Library List
View Back Forward FDB Edit Help
Command>
Library> CBL.IQ0073.PDS
-Member- Alias VV MM Created- ---LastMod---- CurSize IniSize -Mods- --User--
BLOCK      N
CCDATE     N
COLSET     N
CURSCALE   N
ERA        N
HD         N
PROFILE    N
SETPT      N
SSCOPY     N
SV         N
<F3> to exit.
```

```
Line 1 of 10  Col 1 of 78  Views 1  select * sort Member
```

```
Line 1 of 23  Col 1 of 135  Views 3  select * where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23  Col=1  Alt=5,5;5  Size=791  Recl=252  Fmt=V  Files=2  Views=2
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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS        003/11 003/11    56     1     1   PDS   *EXPD*   3200     80   FB    2004/06/08 MULTI-EXTENT
LAC.JCL               004/00 004/01    60     2     2   PDSE  *EXPD*  23440     80   FB    2004/03/08 MULTI-EXTENT
                      2760    255   VB    2004/10/07 MULTI-EXTENT
                      3120     80   FB    2004/04/16 MULTI-EXTENT
                      3476    256   VB    2004/02/24 MULTI-EXTENT
                      7920     80   FB    2004/02/13 MULTI-EXTENT
                      7920     80   FB    2004/02/13 MULTI-EXTENT
                      7900    100   FB    2005/03/02 MULTI-EXTENT
                      7930    133   FB    2005/09/30 MULTI-EXTENT
                      1540    154   FB    2005/08/10 MULTI-EXTENT
                      2720     80   FB    2004/04/16 MULTI-EXTENT
                      4096     80   U     2005/10/07 MULTI-EXTENT
                      4096     80   U     2005/10/07 MULTI-EXTENT
                      7920     80   FB    2004/05/27 MULTI-EXTENT
                      7920     80   FB    2004/05/27 MULTI-EXTENT
                      7930    133   FBA   2004/11/02 MULTI-EXTENT
                      3476   8188   VB    2005/01/20 MULTI-EXTENT
                      3476   8188   VB    2005/01/21 MULTI-EXTENT
                      7998   4089   VB    2005/09/06 MULTI-EXTENT
                      2760    255   VB    2005/10/17 MULTI-EXTENT
                      3440     80   FB    2004/11/17 MULTI-EXTENT
                      3440     80   FB    2004/11/19 MULTI-EXTENT
```

```
File Search
View Back Forward FDB Edit Help
Command>
Dataset> CBL.IQ0073.PDS(*)
Search string>
No list view yet, enter parameters
```

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```
Line 1 of 23 Col 1 of 135 Views 3 select * where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD  LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS         003/11  003/11   56     1      1   PDS   *EXPD*   3200      80    FB    2004/06/08  MULTI-EXTENT
LAC.JCL                004/00  004/01   60     2      2   PDSE   *EXPD*  23440     80    FB    2004/03/08  MULTI-EXTENT
                        2760    255   VB    2004/10/07  MULTI-EXTENT
                        3120    80    FB    2004/04/16  MULTI-EXTENT
                        3476    256   VB    2004/02/24  MULTI-EXTENT
                        7920    80    FB    2004/02/13  MULTI-EXTENT
                        7920    80    FB    2004/02/13  MULTI-EXTENT
                        7900    100   FB    2005/03/02  MULTI-EXTENT
                        7930    133   FB    2005/09/30  MULTI-EXTENT
                        1540    154   FB    2005/08/10  MULTI-EXTENT
                        2720    80    FB    2004/04/16  MULTI-EXTENT
                        4096     U     2005/10/07  MULTI-EXTENT
                        4096     U     2005/10/07  MULTI-EXTENT
                        7920    80    FB    2004/05/27  MULTI-EXTENT
                        7920    80    FB    2004/05/27  MULTI-EXTENT
                        7930    133   FBA   2004/11/02  MULTI-EXTENT
                        3476    8188  VB    2005/01/20  MULTI-EXTENT
                        3476    8188  VB    2005/01/21  MULTI-EXTENT
                        7998    4089  VB    2005/09/06  MULTI-EXTENT
                        2760    255   VB    2005/10/17  MULTI-EXTENT
                        3440    80    FB    2004/11/17  MULTI-EXTENT
                        3440    80    FB    2004/11/19  MULTI-EXTENT
```

```
File Search
View Back Forward FDB Edit Help
Command>
Dataset> CBL.IQ0073.PDS(*)
Search string>
No list view yet, enter parameters
```

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```
Line 1 of 23 Col 1 of 135 Views 3 select * where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
CBL.IQ0073.PDS        003/11 003/11    56    1    1  PDS   *EXPD*    3200    80   FB   2004/06/08 MULTI-EXTENT
LAC.JCL                004/00 004/01    60    2    2  PDSE  *EXPD*   23440    80   FB   2004/03/08 MULTI-EXTENT
                        2760   255   VB   2004/10/07 MULTI-EXTENT
                        3120    80   FB   2004/04/16 MULTI-EXTENT
                        3476   256   VB   2004/02/24 MULTI-EXTENT
                        7920    80   FB   2004/02/13 MULTI-EXTENT
                        7920    80   FB   2004/02/13 MULTI-EXTENT
                        7900   100   FB   2005/03/02 MULTI-EXTENT
                        7930   133   FB   2005/09/30 MULTI-EXTENT
                        1540   154   FB   2005/08/10 MULTI-EXTENT
                        2720    80   FB   2004/04/16 MULTI-EXTENT
                        4096    80   U    2005/10/07 MULTI-EXTENT
                        4096    80   U    2005/10/07 MULTI-EXTENT
                        7920    80   FB   2004/05/27 MULTI-EXTENT
                        7920    80   FB   2004/05/27 MULTI-EXTENT
                        7930   133   FBA  2004/11/02 MULTI-EXTENT
                        3476   8188  VB   2005/01/20 MULTI-EXTENT
                        3476   8188  VB   2005/01/21 MULTI-EXTENT
                        7998   4089  VB   2005/09/06 MULTI-EXTENT
                        2760   255   VB   2005/10/17 MULTI-EXTENT
                        3440    80   FB   2004/11/17 MULTI-EXTENT
                        3440    80   FB   2004/11/19 MULTI-EXTENT
```

We shall search all members of the PDS for the string "extract".

```
-File Search
View Back Forward FDB Edit Help
Command>
Dataset> CBL.IQ0073.PDS(*)
Search string> extract
No list view yet, enter parameters
```

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```

```
Line 1 of 23 Col 1 of 135 Views 3 select * where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'
```

```
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
```



```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05
CBL.IQ0073.PDS      003/11  003/11    56    1    1  PDS  *EXPD*    3200    80  FB  2004/06/08  MULTI-EXTENT
LAC.JCL             004/00  004/01    60    2    2  PDSE  *EXPD*   23440    80  FB  2004/03/08  MULTI-EXTENT
                   2760   255  VB  2004/10/07  MULTI-EXTENT
                   3120    80  FB  2004/04/16  MULTI-EXTENT
                   3476   256  VB  2004/02/24  MULTI-EXTENT
                   7920    80  FB  2004/02/13  MULTI-EXTENT
                   7920    80  FB  2004/02/13  MULTI-EXTENT
                   7900   100  FB  2005/03/02  MULTI-EXTENT
                   7930   133  FB  2005/09/30  MULTI-EXTENT
                   1540   154  FB  2005/08/10  MULTI-EXTENT
                   2720    80  FB  2004/04/16  MULTI-EXTENT
                   4096    80  U   2005/10/07  MULTI-EXTENT
                   4096    80  U   2005/10/07  MULTI-EXTENT
                   7920    80  FB  2004/05/27  MULTI-EXTENT
                   7920    80  FB  2004/05/27  MULTI-EXTENT
                   7930   133  FBA 2004/11/02  MULTI-EXTENT
                   3476   8188 VB  2005/01/20  MULTI-EXTENT
                   3476   8188 VB  2005/01/21  MULTI-EXTENT
                   7998   4089 VB  2005/09/06  MULTI-EXTENT
                   2760   255  VB  2005/10/17  MULTI-EXTENT
                   3440    80  FB  2004/11/17  MULTI-EXTENT
                   3440    80  FB  2004/11/19  MULTI-EXTENT
```

```
File Search
View Back Forward FDB Edit Help
Command>
Dataset> CBL.IQ0073.PDS(*)
Search string> extract
-----Record-----
Member- RecNo HitNo
BLOCK 46 1 'extract /cursor/'
CURSCALE 22 1 'extract /cursor/msgmode/'; col = cursor.2 ; lin = curso
ERA 22 1 'extract /fileid/opsys/'
HD 38 1 'extract /dsn/fn/ft/fm/alt/opsys/stream/username/msgmod
HD 84 2 'cf'; 'cl /L='; 'extract /column/curline/'
HD 108 3 'ca'; 'extract /column/'
HD 113 4 'ca'; 'extract /column/'
PROFILE 40 1 /* 'extract /ring/'; if ring.0 = 1 then 'win mx'
PROFILE 69 2 'extract /fn/ft/fm/'; fn = fname.1; ft = ftype.1; fm =
PROFILE 83 3 'extract /ring/'; r=ring.0//7
PROFILE 194 4 'extract /size/lrecl/'
SETPT 64 1 'extract /line/zone/msgmode/wrap/'; origline=line.1 ;
SETPT 77 2 'extract /curline/column/'
SV 25 1 | L=002 2004/01/13 -jge- 'extract /fileid/' moved nearer
SV 38 2 'preserve'; 'extract /line/'
SV 52 3 'extract /alt/opsys/fileid/'; alt = alt.1
SV 55 4 do; 'extract /fn/ft/fm/alt/'
Line 1 of 19 Col 1 of 103 Views 1 select * sort Member,RecNo
```

```
Line 1 of 23 Col 1 of 135 Views 3 select * where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
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```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05
CBL.IQ0073.PDS      003/11  003/11    56    1    1  PDS  *EXPD*    3200    80  FB  2004/06/08  MULTI-EXTENT
LAC.JCL             004/00  004/01    60    2    2  PDSE  *EXPD*   23440    80  FB  2004/03/08  MULTI-EXTENT
                   2760   255  VB  2004/10/07  MULTI-EXTENT
                   3120    80  FB  2004/04/16  MULTI-EXTENT
                   3476   256  VB  2004/02/24  MULTI-EXTENT
                   7920    80  FB  2004/02/13  MULTI-EXTENT
                   7920    80  FB  2004/02/13  MULTI-EXTENT
                   7900   100  FB  2005/03/02  MULTI-EXTENT
                   7930   133  FB  2005/09/30  MULTI-EXTENT
                   1540   154  FB  2005/08/10  MULTI-EXTENT
                   2720    80  FB  2004/04/16  MULTI-EXTENT
                   4096    80  U   2005/10/07  MULTI-EXTENT
                   4096    80  U   2005/10/07  MULTI-EXTENT
                   7920    80  FB  2004/05/27  MULTI-EXTENT
                   7920    80  FB  2004/05/27  MULTI-EXTENT
                   7930   133  FBA 2004/11/02  MULTI-EXTENT
                   3476   8188 VB  2005/01/20  MULTI-EXTENT
                   3476   8188 VB  2005/01/21  MULTI-EXTENT
                   7998   4089 VB  2005/09/06  MULTI-EXTENT
                   2760   255  VB  2005/10/17  MULTI-EXTENT
                   3440    80  FB  2004/11/17  MULTI-EXTENT
                   3440    80  FB  2004/11/19  MULTI-EXTENT
```

```
File Search
View Back Forward FDB Edit Help
Command>
Dataset> CBL.IQ0073.PDS(*)
Search string> extract
-----Record-----
Member- RecNo HitNo
BLOCK      46      1 'extract /cursor/'
CURSCALE   22      1 'extract /cursor/msgmode/'; col = cursor.2 ; lin = curso
ERA         22      1 'extract /fileid/opsys/'
HD          38      1 'extract /dsn/fn/ft/fm/alt/opsys/stream/username/msgmod
HD          84      2 'cf'; 'cl /L='; 'extract /column/curline/'
HD         108      3 'ca'; 'extract /column/'
HD         113      4 'ca'; 'extract /column/'
PROFILE    40      1 /* 'extract /ring/'; if ring.
PROFILE    69      2 'extract /fn/ft/fm/'; fn =
PROFILE    83      3 'extract /ring/'; r=ring.0/
PROFILE   194      4 'extract /size/lrecl/'
SETPT      64      1 'extract /line/zone/msgmode/wrap/'; origline=line.1 ;
SETPT      77      2 'extract /curline/column/';
SV         25      1 | L=002 2004/01/13 -jge- 'extract /fileid/' moved nearer
SV         38      2 'preserve'; 'extract /line/
SV         52      3 'extract /alt/opsys/fileid/'; alt = alt.1
SV         55      4 do; 'extract /fn/ft/fm/alt/'
Line 1 of 19 Col 1 of 103 Views 1 select * sort Member,RecNo
```

<F3> to exit.

```
Line 1 of 23 Col 1 of 135 Views 3 select * where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'
```

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2
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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HMJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> listvtoc vol=cblm05 free overlay
VCAT Program> CBLV
-----SysPrint-----
VTOC OF CBLM05
CBL.IQ0073.PDS          1 PDS *EXPD* 3200 80 FB 2004/06/08 MULTI-EXTENT
LAC.JCL                 1 PDSE *EXPD* 23440 80 FB 2004/03/08 MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS  75 *EXPD* 32760 255 VB 2004/10/07 MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE  75 *EXPD* 3120 80 FB 2004/04/16 MULTI-EXTENT
CBL.CMX                 1 PDSE *EXPD* 23476 256 VB 2004/02/24 MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS  75 *EXPD* 27920 80 FB 2004/02/13 MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE  75 *EXPD* 27920 80 FB 2004/02/13 MULTI-EXTENT
CBL.SQ11484.UNMATCH    070/07 070/07 1057 1 *EXPD* 27900 100 FB 2005/03/02 MULTI-EXTENT
NBJ.FREE.VOLSERS       072/06 072/06 1086 1 1 *EXPD* 27930 133 FB 2005/09/30 MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL  080/10 080/10 1210 1 1 *EXPD* 1540 154 FB 2005/08/10 MULTI-EXTENT
NBJ.CBLI.INSTLIB       086/00 086/14 1290 15 PDSE *EXPD* 32720 80 FB 2004/04/16 MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA 35 45 VSAM *EXPD* 4096 U 2005/10/07 MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA 10 28 VSAM *EXPD* 4096 U 2005/10/07 MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ 30 15 15 *EXPD* 27920 80 FB 2004/05/27 MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ 45 15 15 *EXPD* 27920 80 FB 2004/05/27 MULTI-EXTENT
CBL.SYSPRINT           167/00 169/14 2505 45 PDS *EXPD* 27930 133 FBA 2004/11/02 MULTI-EXTENT
CBL.DBX220.ADA         184/00 233/14 2760 750 PDSE *EXPD* 23476 8188 VB 2005/01/20 MULTI-EXTENT
CBL.DBX230.ADA         264/00 273/14 3960 150 PDSE *EXPD* 23476 8188 VB 2005/01/21 MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ 409/00 417/14 6135 135 135 *EXPD* 27998 4089 VB 2005/09/06 MULTI-EXTENT
JGE.CBLI.HELP.HTML    423/00 427/14 6345 75 PDSE *EXPD* 32760 255 VB 2005/10/17 MULTI-EXTENT
CBL.CBLI110.ASM        708/00 727/14 10620 300 PDSE *EXPD* 23440 80 FB 2004/11/17 MULTI-EXTENT
JGE.CBLI.MACLIB        746/00 747/14 11190 30 30 PDS *EXPD* 23440 80 FB 2004/11/19 MULTI-EXTENT
```

Next, we use the "C" prefix command to make a copy of a data set.

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRCL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA											/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA											/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ											/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ											/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/										/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/										/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/										/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/										/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/										/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/										/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

Copy

i Enter target for copy of HWJ.HTTPD.CONF:

NewName> HWJ.HTTPD.CONF

OK Cancel

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRCL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA												
NBJ.CBLIDEMO.V0000.KSDS.DATA												
CBL.CBLI.DIST.BJP.VSE.OBJ												
CBL.CBLI.DIST.BJP.MVS.OBJ												
CBL.SYSPRINT	167/											
CBL.DBX220.ADA	184/											
CBL.DBX230.ADA	264/											
NBJ.CBLIDEMO.V0004.SEQ	409/											
JGE.CBLI.HELP.HTML	423/											
CBL.CBLI110.ASM	708/											
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB		

Copy

i Enter target for copy of HWJ.HTTPD.CONF:

NewName> HWJ.HTTPD.CONF.BACKUP1

OK Cancel

After entering the target DSN and hitting <ENTER> (OK), data is copied. If the target data set does not already exist, then it is automatically allocated and cataloged with space and dcb characteristics modelled on the source data set.

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSERS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	345	75	75		*EXPD*	32760	255	VB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	03										MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	07										MULTI-EXTENT
NBJ.FREE.VOLERS	072/06	07										MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	08										MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	08										MULTI-EXTENT
v NBJ.CBLIDEMO.V0010.KSDS.DATA												MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA												MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ												MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ												MULTI-EXTENT
CBL.SYSPRINT	167/00	16										MULTI-EXTENT
CBL.DBX220.ADA	184/00	23										MULTI-EXTENT
CBL.DBX230.ADA	264/00	27										MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	41										MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

The "V" prefix command will open another Execute CBLVCAT window and generate the following:

1. A LISTVTCAT report for this data set's cluster entry in the catalog.
2. A LISTVTOC report for this data set's extents on the current volume.

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Command>  
VCAT Command> lc ref=NBJ.CBLIDEMO.V0010.KSDS key=NBJ.CBLIDEMO.V0010.KSDS ! lv vol=CBLM05 key=NBJ.CBLIDEMO.V0010.KSDS.DATA

VCAT Program> CBLV

-----SysPrint-----

1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.46 FRI 21 OCT 2005 PAGE 1

lc ref=NBJ.CBLIDEMO.V0010.KSDS key=NBJ.CBLIDEMO.V0010.KSDS

ICF	CAT	CBLMCT (3390)	TYPE	NRECS	PCNT	ALLOCTOTAL	TRACKSPRIME	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
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			KSDS	850	27.0	C=5	C=3	C=1	30 30	2769V 4,0	8192	17408*	357	2005/10/07 14.07.05
			IX	6	18.2	VOL1=CBLM05 1	1	1	1017		1024	IXL=2	180	** 018 CI SPLITS**
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						76	46	16						
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lv vol=CBLM05 key=NBJ.CBLIDEMO.V0010.KSDS.DATA

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
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NBJ.CBLIDEMO.V0010.KSDS.DATA	103/00	103/14	1545	15		EXT=1						
NBJ.CBLIDEMO.V0010.KSDS.DATA	129/00	131/14	1935	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA	133/00	133/14	1995	15		EXT=2						
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\*\* CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 \*\*  
\*\* Expiry: 2006-07-25 \*\*

Line 1 of 40 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help

Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc ref=NBJ.CBLIDEMO.V0010.KSDS key=NBJ.CBLIDEMO.V0010.KSDS ! lv vol=CBLM05 key=NBJ.CBLIDEMO.V0010.KSDS.DATA
VCAT Program> CBLV

-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.46 FRI 21 OCT 2005 PAGE 1

lc ref=NBJ.CBLIDEMO.V0010.KSDS key=NBJ.CBLIDEMO.V0010.KSDS

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
----- TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NBJ.CBLIDEMO.V0010.KSDS
KSDS 850 27.0 C=5 C=3 C=1 30 30 2769V 4,0 8192 17408* 357 2005/10/07 14.07.05
IX 6 18.2 1 1 1 1017 1024 IXL=2 180
VOL1=CBLM05
VOL1=CBLM05
-- --
76 46 16

-----

lv vol=CBLM05 key=NBJ.CBLIDEMO.V0010.KSDS.DATA

VTOC OF CBLM05 CYL/HD LIMITS START ALLOC USED TYPE EXPIRES BLKSIZE LRECL RECFM CREATED INFO
-----
NBJ.CBLIDEMO.V0010.KSDS.DATA
103/00 103/14 1545 15 EXT=1
NBJ.CBLIDEMO.V0010.KSDS.DATA
129/00 131/14 1935 45 VSAM *EXPD* 4096 U 2005/10/07 MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA
133/00 133/14 1995 15 EXT=2
-- --
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--

** CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 **
** Expiry: 2006-07-25 **
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Line 1 of 40 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help

Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc
VCAT Program> CBLV

-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.46 FRI 21 OCT 2005 PAGE 1

lc ref=NBJ,CBLIDEMO.V0010.KSDS key=NBJ,CBLIDEMO.V0010.KSDS

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
----- TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NBJ,CBLIDEMO.V0010.KSDS
KSDS 850 27.0 C=5 C=3 C=1 30 30 2769V 4,0 8192 17408* 357 2005/10/07 14.07.05
IX 6 18.2 1 1 1 1017 1024 IXL=2 180
VOL1=CBLM05
VOL1=CBLM05
-- -- --
76 46 16

-----

lv vol=CBLM05 key=NBJ,CBLIDEMO.V0010.KSDS.DATA

VTOC OF CBLM05 CYL/HD LIMITS START ALLOC USED TYPE EXPIRES BLKSIZE LRECL RECFM CREATED INFO
-----
NBJ,CBLIDEMO.V0010.KSDS.DATA
103/00 103/14 1545 15 EXT=1
NBJ,CBLIDEMO.V0010.KSDS.DATA
129/00 131/14 1935 45 VSAM *EXPD* 4096 U 2005/10/07 MULTI-EXTENT
NBJ,CBLIDEMO.V0010.KSDS.DATA
133/00 133/14 1995 15 EXT=2
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--

** CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 **
** Expiry: 2006-07-25 **
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Line 1 of 40 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

This frame's title will come here...

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Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> lc key=cbl type=m
VCAT Program> CBLV
-----
1CBLVCAT REL 2.10z14 CBL - Bridgend 17.46 FRI 21 OCT 2005 PAGE 1

lc ref=NBJ,CBLIDEMO.V0010.KSDS key=NBJ,CBLIDEMO.V0010.KSDS

ICF CAT CBLMCT (3390) TYPE NRECS PCNT ---- ALLOC TRACKS ---- FRSP LMAX KL,RKP CISIZE BUFSP EXCPS TIMESTMP
----- TOTAL PRIME SEC CI CA ---- /BLK/IMB ----- /IXL -----
NBJ,CBLIDEMO.V0010.KSDS
          KSDS          850  27.0      C=5      C=3      C=1   30 30  2769V  4,0     8192  17408*  357  2005/10/07 14.07.05
          IX            6  18.2          1          1          1   1017     1024  IXL=2   180
          VOL1=CBLM05
          VOL1=CBLM05
          --          --          --
          76          46          16
-----

lv vol=CBLM05 key=NBJ,CBLIDEMO.V0010.KSDS.DATA

VTOC OF CBLM05          CYL/HD LIMITS  START  ALLOC  USED  TYPE  EXPIRES  BLKSIZE  LRECL  RECFM  CREATED  INFO
-----
NBJ,CBLIDEMO.V0010.KSDS.DATA
103/00  103/14   1545   15      EXT=1
NBJ,CBLIDEMO.V0010.KSDS.DATA
129/00  131/14   1935   45      VSAM  *EXPD*   4096           U    2005/10/07  MULTI-EXTENT
NBJ,CBLIDEMO.V0010.KSDS.DATA
133/00  133/14   1995   15      EXT=2
          --
          75
          --

** CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 **
** Expiry: 2006-07-25 **

```

Again, we can alter the syntax to generate a different report in the same Execute CBLVCAT window.

Here we generate another LISTVCAT report listing all VSAM data sets cataloged with DSN beginning "CBL".

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc key=cbl type=m**  
VCAT Program> **CBLV**

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

**lc key=cbl type=m**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX	1	2.1	1	1	1			505		512		43	
CBL.DDIR	KSDS(R)	10989	71.5	C=6	C=3	C=3			3072V	128,0	18432	40960*	3949	2002/11/15 15.18.49
	IX	7	58.4	1	1	1			4089		+4096+	IXL=2	209	** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS	0(12)		2	2	2			4089	64,0	4096	8704	1	2002/04/10 11.31.52
	IX			1	1	1			505	--IMB--	512		2	** 005 CI SPLITS**
CBL.EMPTY.KSDS	KSDS	0(12)		1	1	1			4089	64,0	4096	8704	1	2002/04/10 11.31.53
	IX			1	1	1			505		512		1	
CBL.EMPTY.KSDS1	KSDS	0(640)		1	1	1		9 3*	80V	8,0	22528	45568	1	2002/04/10 11.31.54
	IX			1	1	1			505		512		1	
CBL.ESDS	ESDS	9	8.4	1	1	1			4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1	1	1			4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10	C=10	C=5			1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7	2	2	1			4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10	C=10	C=5			1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2	2	2	1			4089		4096		6	

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Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc key=cbl type=m**  
VCAT Program> **CBLV**

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

**lc key=cbl type=m**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	----	TOTAL	PRIME	SEC	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1		1	1	1		4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX	1	2.1		VOL1=CBLM03 1	1	1		505		512		43	
CBL.DDIR	KSDS(R)	10989	71.5		C=6 VOL1=CBLM02 1	C=3	C=3		3072V	128,0	18432	40960*	3949	2002/11/15 15.18.49
	IX	7	58.4		VOL1=CBLM02 1	1	1		4089		+4096+	IXL=2	209	** 153 CI SPLITS** ** 005 CA SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS	0(12)			VOL1=CBLM01 2	2	2		4089	64,0	4096	8704	1	2002/04/10 11.31.52
	IX				VOL1=CBLM01 1	1	1		505	--IMB--	512		2	
CBL.EMPTY.KSDS	KSDS	0(12)			VOL1=CBLM04 1	1	1		4089	64,0	4096	8704	1	2002/04/10 11.31.53
	IX				VOL1=CBLM04 1	1	1		505		512		1	
CBL.EMPTY.KSDS1	KSDS	0(640)			VOL1=CBLM01 1	1	1	9 3*	80V	8,0	22528	45568	1	2002/04/10 11.31.54
	IX				VOL1=CBLM01 1	1	1		505		512		1	
CBL.ESDS	ESDS	9	8.4		VOL1=CBLM02 1	1	1		4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0		VOL1=CBLM01 1	1	1		4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3		C=10 VOL1=CBLM01 1	C=10	C=5		1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7		VOL1=CBLM01 2	2	1		4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5		C=10 VOL1=CBLM04 2	C=10	C=5		1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2		VOL1=CBLM04 2	2	1		4089		4096		6	

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Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=cbl ty  
VCAT Program> CBLV

As for LISTVTOC reports, the "Raw" menu item will open a List window displaying data for all LISTVTOC report fields that are both included and excluded from the current CBLVCAT LISTVTOC report.

OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

ICF	CAT	CBLMCT	-----	-----	TOTAL	PRIME	SEC	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
----	----	-----	-----	-----	-----	-----	-----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX	1	2.1	VOL1=CBLM03	1	1			505		512		43	
CBL.DDIR	KSDS(R)	10989	71.5	VOL1=CBLM03	C=6	C=3	C=3		3072V	128,0	18432	40960*	3949	2002/11/15 15.18.49
	IX	7	58.4	VOL1=CBLM02	1	1	1		4089		+4096+	IXL=2	209	** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS	0(12)		VOL1=CBLM02	2	2	2		4089	64,0	4096	8704	1	2002/04/10 11.31.52
	IX			VOL1=CBLM01	1	1	1		505	--IMB--	512		2	** 005 CI SPLITS**
CBL.EMPTY.KSDS	KSDS	0(12)		VOL1=CBLM04	1	1	1		4089	64,0	4096	8704	1	2002/04/10 11.31.53
	IX			VOL1=CBLM04	1	1	1		505		512		1	
CBL.EMPTY.KSDS1	KSDS	0(640)		VOL1=CBLM01	1	1	1	9 3*	80V	8,0	22528	45568	1	2002/04/10 11.31.54
	IX			VOL1=CBLM01	1	1	1		505		512		1	
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM02	1	1	1		4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM01	1	1	1		4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5		1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	1		4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM04	C=10	C=10	C=5		1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	1		4089		4096		6	

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=cbl type=m  
VCAT Program> CBLV

-----SysPrint-----

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command>

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	ALLOCU
CBL.BU.CTL	KSDS	25	52.1	1	1
	IX	1	2.1		1
CBL.DDIR	KSDS(R)	1098	71.5	C=6	6
	IX	7	58.4		1
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)			2
	IX				1
CBL.EMPTY.KSDS	KSDS	0( 12)			1
	IX				1
CBL.EMPTY.KSDS1	KSDS	0( 640)			1

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Command>  
VCAT Command> lc key=cbl type=m

VCAT Program> CBLV

-----SysPrint-----

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.54
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

CBLV LISTCAT FDB View Back Forward FDB Edit Help

Command>

-----DSN----- --TYPE-- --NRECS-- --PCNT-- -ALLOCT- ALLOCU

CBL.BU.CTL	KSDS	25	52.1	1	
	IX	1	2.1		1
CBL.DDIR	KSDS(R)	1098	71.5		C=6
	IX	7	58.4		1
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)			2
	IX				1
CBL.EMPTY.KSDS	KSDS	0( 12)			1
	IX				1
CBL.EMPTY.KSDS1	KSDS	0( 640)			1

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Command>  
VCAT Command> lc key=cbl type=m

VCAT Program> CBLV

-----SysPrint-----

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.54
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command>  
-----DSN----- --TYPE-- --NRECS-- --PCNT-- -ALLOCT- ALLOCU  
CBL.BU.CTL KSDS 25 52.1 1  
IX 1 2.1 1  
CBL.DDIR KSDS(R) 1098 71.5 C=6  
IX 7 58.4 1  
CBL.EMPTY.IMB.KSDS KSDS 0( 12) 2  
IX 1  
CBL.EMPTY.KSDS KSDS 0( 12) 1  
IX 1  
CBL.EMPTY.KSDS1 KSDS 0( 640) 1  
Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Command>  
VCAT Command> lc key=cbl type=m

VCAT Program> CBLV

-----SysPrint-----

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.54
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

Line 1 of 242 Col 1 of 135 Views 1 select \*

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command>  
-----DSN----- --TYPE-- --NRECS-- --PCNT-- -ALLOCT- ALLOCU  
CBL.BU.CTL KSDS 25 52.1 1  
IX 1 2.1 1  
CBL.DDIR KSDS(R) 1098 71.5 C=6  
IX 7 58.4 1  
CBL.EMPTY.IMB.KSDS KSDS 0( 12) 2  
IX 1  
CBL.EMPTY.KSDS KSDS 0( 12) 1  
IX 1  
CBL.EMPTY.KSDS1 KSDS 0( 640) 1

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=cbl type=m  
VCAT Program> CBLV

SysPrint

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

CBLV LISTCAT FDB View Back Forward FDB Edit Help Command>

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	ALLOCU
CBL.BU.CTL	KSDS	25	52.1	1	1
	IX	1	2.1	1	1
CBL.DDIR	KSDS(R)	1098	71.5	C=6	6
	IX	7	58.4	1	1
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2	2
	IX			1	1
CBL.EMPTY.KSDS	KSDS	0( 12)		1	1
	IX			1	1
CBL.EMPTY.KSDS1	KSDS	0( 640)		1	1

Line 1 of 95 | Col 1 of 564 | Views 1 | select \* sort DSN

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Line 1 of 242 | Col 1 of 135 | Views 1 | select \*

Line=23 | Col=1 | Alt=5,5;5 | Size=791 | Recl=252 | Fmt=V | Files=2 | Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> lc key=cbl type=m  
VCAT Program> CBLV

-----SysPrint-----

ICBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

lc key=cbl type=m

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX													
CBL.DDIR	KSDS(R)	1098												2002/11/15 15.18.49
	IX													** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS													** 005 CA SPLITS**
	IX													
CBL.EMPTY.KSDS	KSDS													2002/04/10 11.31.52
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.53
	IX													
CBL.EMPTY.KSDS1	KSDS													2002/04/10 11.31.54
	IX													
CBL.ESDS	ESDS	9	8.4						4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0						4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3						1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7						4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5						1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2						4089		4096		6	

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command>  
-----DSN----- --TYPE-- --NRECS-- --PCNT-- -ALLOCT- ALLOCU  
CBL.BU.CTL KSDS 25 52.1 1  
IX 1 2.1 1  
CBL.DDIR KSDS(R) 1098 71.5 C=6  
IX 7 58.4 1  
CBL.EMPTY.IMB.KSDS KSDS 0( 12) 2  
IX 1  
CBL.EMPTY.KSDS KSDS 0( 12) 1  
IX 1  
CBL.EMPTY.KSDS1 KSDS 0( 640) 1

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Raw Help  
Command>

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	ALLOCU	-ALLOCP-	--ALLOCS--	-FRSP--	-LMAX--	KL/B
CBL.BU.CTL	KSDS	25	52.1	1		1	1		4089V	44,
	IX	1	2.1	1		1	1		505	
CBL.DDIR	KSDS(R)	10989	71.5	C=6		C=3	C=3		3072V	128,
	IX	7	58.4	1		1	1		4089	
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2		2	2		4089	64,
	IX			1		1	1		505	--IM
CBL.EMPTY.KSDS	KSDS	0( 12)		1		1	1		4089	64,
	IX			1		1	1		505	
CBL.EMPTY.KSDS1	KSDS	0( 640)		1		1	1	9 3*	80V	8,
	IX			1		1	1		505	
CBL.ESDS	ESDS	9	8.4	1		1	1		4089V	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1		1	1		4089	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,
	IX	4	16.7	2		2	1		4089	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,
	IX	1	4.2	2		2	1		4089	
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

	IX			VOL1=CBLM01	1	1	505	512	1	
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	4	16.7	VOL1=CBLM01	2	2	1	4089	4096	IXL=2
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	1	4.2	VOL1=CBLM04	2	2	1	4089	4096	6
				VOL1=CBLM04						

Line 1 of 242 Col 1 of 135 Views 1 select \*

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2004/09/14 14.35.13
2002/11/15 15.18.49
** 153 CI SPLITS**
** 005 CA SPLITS**
2002/04/10 11.31.52
2002/04/10 11.31.53
2002/04/10 11.31.54

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Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Raw Help  
Command>

DSN	TYPE	NRECS	PCNT	ALLOCT	ALLOCU	ALLOCP	ALLOCS	FRSP	LMAX	KL/B
CBL.BU.CTL	KSDS	25	52.1	1		1	1		4089V	44,
	IX	1	2.1	1		1	1		505	
CBL.DDIR	KSDS(R)	10989	71.5	C=6		C=3	C=3		3072V	128,
	IX	7	58.4	1		1	1		4089	
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2		2	2		4089	64,
	IX			1		1	1		505	--IM
CBL.EMPTY.KSDS	KSDS	0( 12)		1		1	1		4089	64,
	IX			1		1	1		505	
CBL.EMPTY.KSDS1	KSDS	0( 640)		1		1	1	9 3*	80V	8,
	IX			1		1	1		505	
CBL.ESDS	ESDS	9	8.4	1		1	1		4089V	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1		1	1		4089	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,
	IX	4	16.7	2		2	1		4089	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,
	IX	1	4.2	2		2	1		4089	
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

CT 2005 PAGE 1

TIMESTAMP

2004/09/14 14.35.13

2002/11/15 15.18.49

\*\* 153 CI SPLITS\*\*

\*\* 005 CA SPLITS\*\*

2002/04/10 11.31.52

2002/04/10 11.31.53

2002/04/10 11.31.54

	IX			VOL1=CBLM01	1	1	505	512	1	
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	4	16.7	VOL1=CBLM01	2	2	1	4089	4096	IXL=2
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	1	4.2	VOL1=CBLM04	2	2	1	4089	4096	6

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command>

DSN	TYPE	NRECS	PCNT	ALLOCT	ALLOCU	ALLOCP	ALLOCS	FRSP	LMAX	KL/B
CBL.BU.CTL	KSDS	25	52.1	1	1	1	1		4089V	44,
	IX	1	2.1	1	1	1	1		505	
CBL.DDIR	KSDS(R)	10989	71.5	C=6		C=3	C=3		3072V	128,
	IX	7	58.4	1	1	1	1		4089	
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2	2	2	2		4089	64,
	IX			1	1	1	1		505	--IM
CBL.EMPTY.KSDS	KSDS	0( 12)		1	1	1	1		4089	64,
	IX			1	1	1	1		505	
CBL.EMPTY.KSDS1	KSDS	0( 640)		1	1	1	1	9 3*	80V	8,
	IX			1	1	1	1		505	
CBL.ESDS	ESDS	9	8.4	1	1	1	1		4089V	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1	1	1	1		4089	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,
	IX	4	16.7	2	2	2	2		4089	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,
	IX	1	4.2	2	2	2	2		4089	
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12	12	12	24		100	7,
	IX	1	7.7	1	1	1	1		3577	
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12	12	12	24		100	7,
	IX	1	7.7	1	1	1	1		3577	
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12	12	12	24		100	7,
	IX	1	7.7	1	1	1	1		3577	
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12	12	12	24		100	7,
	IX	1	7.7	1	1	1	1		3577	
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12	12	12	24		100	7,

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

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	IX			VOL1=CBLM01	1	1	505	512	1	
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144*
	IX	4	16.7	VOL1=CBLM01	2	2	4089	4096	IXL=2	32
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144
	IX	1	4.2	VOL1=CBLM04	2	2	4089	4096		6
				VOL1=CBLM04						

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command> select dsn,type,nrecs,pcnt,timestmp

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	ALLOCU	-ALLOCP-	--ALLOCS--	-FRSP--	-LMAX--	KL/B
CBL.BU.CTL	KSDS	25	52.1	1		1	1		4089V	44,
	IX	1	2.1	1		1	1		505	
CBL.DDIR	KSDS(R)	10989	71.5	C=6		C=3	C=3		3072V	128,
	IX	7	58.4	1		1	1		4089	
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2		2	2		4089	64,
	IX			1		1	1		505	--IM
CBL.EMPTY.KSDS	KSDS	0( 12)		1		1	1		4089	64,
	IX			1		1	1		505	
CBL.EMPTY.KSDS1	KSDS	0( 640)		1		1	1	9 3*	80V	8,
	IX			1		1	1		505	
CBL.ESDS	ESDS	9	8.4	1		1	1		4089V	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1		1	1		4089	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,
	IX	4	16.7	2		2	1		4089	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,
	IX	1	4.2	2		2	1		4089	
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,

Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

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CT 2005 PAGE 1  
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Timestmp  
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2004/09/14 14.35.13  
2002/11/15 15.18.49  
\*\* 153 CI SPLITS\*\*  
\*\* 005 CA SPLITS\*\*  
2002/04/10 11.31.52  
2002/04/10 11.31.53  
2002/04/10 11.31.54

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	IX			VOL1=CBLM01	1	1	505	512	1	
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	4	16.7	VOL1=CBLM01	2	2	1	4089	4096	IXL=2
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024
	IX	1	4.2	VOL1=CBLM04	2	2	1	4089	4096	6

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

-Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

-Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>

-CBLV LISTCAT FDB

View Back Forward FDB Edit Help

Command> select dsn,type,nrecs,pcnt,timestmp where timestmp << '2004' & type = 'NONVSAM'

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	ALLOCU	-ALLOCP-	--ALLOCS--	-FRSP--	-LMAX--	KL/B
CBL.BU.CTL	KSDS	25	52.1	1	1	1	1		4089V	44,
	IX	1	2.1	1		1	1		505	
CBL.DDIR	KSDS(R)	10989	71.5	C=6		C=3	C=3		3072V	128,
	IX	7	58.4	1		1	1		4089	
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)		2		2	2		4089	64,
	IX			1		1	1		505	--IM
CBL.EMPTY.KSDS	KSDS	0( 12)		1		1	1		4089	64,
	IX			1		1	1		505	
CBL.EMPTY.KSDS1	KSDS	0( 640)		1		1	1	9 3*	80V	8,
	IX			1		1	1		505	
CBL.ESDS	ESDS	9	8.4	1		1	1		4089V	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1		1	1		4089	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,
	IX	4	16.7	2		2	1		4089	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,
	IX	1	4.2	2		2	1		4089	
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,
	IX	1	7.7	1		1	1		3577	
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,

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CT 2005 PAGE 1  
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Timestmp  
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2004/09/14 14.35.13  
  
2002/11/15 15.18.49  
\*\* 153 CI SPLITS\*\*  
\*\* 005 CA SPLITS\*\*  
  
2002/04/10 11.31.52  
  
2002/04/10 11.31.53  
  
2002/04/10 11.31.54

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Line 1 of 95 Col 1 of 564 Views 1 select \* sort DSN

	IX			VOL1=CBLM01	1	1		505	512	1			
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	1	4089V	4096	8192	311	2005/02/22 12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	1	4089	20480	40960	9	2002/04/10 11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	1	4089	4096	IXL=2	32		
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	1	4089	4096		6		

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command> select dsn,type,nrecs,pcnt,timestmp where timestmp << '2004' & type = 'NONVSAM' sort timestmp d

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-ALLOCT-	A LOCU	-ALLOCP-	--ALLOCS--	-FRSP--	-LMAX--	KL/B	CT 2005	PAGE	1
CBL.BU.CTL	KSDS	25	52.1	1	1	1	1		4089V	44,			
	IX	1	2.1	1	1	1	1		505				
CBL.DDIR	KSDS(R)	10989	71.5										
	IX	7	58.4										
CBL.EMPTY.IMB.KSDS	KSDS	0( 12)											
	IX												
CBL.EMPTY.KSDS	KSDS	0( 12)											
	IX												
CBL.EMPTY.KSDS1	KSDS	0( 640)											
	IX												
CBL.ESDS	ESDS	9	8.4										
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0										
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10		C=10	C=5		1000V	7,			
	IX	4	16.7	2		2	1		4089		2002/11/15	15.18.49	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10		C=10	C=5		1000V	7,	** 153 CI SPLITS**		
	IX	1	4.2	2		2	1		4089		** 005 CA SPLITS**		
CBL.EXT.STRN.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,			
	IX	1	7.7	1		1	1		3577		** 005 CI SPLITS**		
CBL.EXT.STR1.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,	2002/04/10	11.31.52	
	IX	1	7.7	1		1	1		3577				
CBL.EXT.STR2.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,			
	IX	1	7.7	1		1	1		3577				
CBL.EXT.STR3.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,	2002/04/10	11.31.53	
	IX	1	7.7	1		1	1		3577				
CBL.EXT.STR4.KSDS	KSDS(R)	40	1.1	12		12	24		100	7,			

Again, we can select, sort and filter the list entries.  
Here, we display all non-VSAM data sets with a timestamp beginning "2004", sorted in descending order of timestamp.

Line 1 of 95	Col 1 of 564	Views 1	select * sort DSN											
	IX		VOL1=CBLM01											
		1	1	505	512	1								
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	1	4089V	4096	8192	311	2005/02/22	12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	1	4089	20480	40960	9	2002/04/10	11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024	6144*	1923	2003/12/04	15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	1	4089	4096	IXL=2	32			
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	C=5	1000V	7,0	1024	6144	87	2003/12/04	15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	1	4089	4096		6			
				VOL1=CBLM04										

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
 Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Raw Help  
 Command>

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-----TIMESTAMP-----		
CBL.KSDS.U	KSDS	4	33.4	2004/10/28	15.15.00	
CBL.BU.CTL	KSDS	25	52.1	2004/09/14	14.35.13	
CBL.KSDS.REUSE	KSDS(R)	4	11.2	2004/04/20	14.05.55	
CBL.KSDS.EXT.NOEXT.ADDR	KSDS(R)	4	2.1	2004/02/19	17.31.42	
CBL.VVC.TMP	KSDS	0( 536)		2004/01/22	13.50.33	

Line 1 of 5 Col 1 of 73 Views 2 select DSN,TYPE,NRECS,PCNT,TIMESTAMP where timestamp << '2004' & type '=';

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 CT 2005 PAGE 1  
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TIMESTAMP  
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 2004/09/14 14.35.13  
  
 2002/11/15 15.18.49  
 \*\* 153 CI SPLITS\*\*  
 \*\* 005 CA SPLITS\*\*  
  
 \*\* 005 CI SPLITS\*\*  
 2002/04/10 11.31.52  
  
 2002/04/10 11.31.53  
  
 2002/04/10 11.31.54

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	IX			VOL1=CBLM01	1	1	505	512	1			
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311	2005/02/22 12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9	2002/04/10 11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	4089	4096	IXL=2	32		
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	4089	4096		6		

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help  
Command> select dsn,type,nrecls,pcnt,timestmp where timestmp << '2004' & type ^= 'NONVSAM' sort timestmp d

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-----TIME	-----TMP-----
CBL.KSDS.U	KSDS	4	33.4	2004/10/	15.15.00
CBL.BU.CTL	KSDS	25	52.1	2004/09/	14.35.13
CBL.KSDS.REUSE	KSDS(R)	4	11.2	200	
CBL.KSDS.EXT.NOEXT.ADDR	KSDS(R)	4	2.1	200	
CBL.VVC.TMP	KSDS	0( 536)		200	

Line 1 of 5 Col 1 of 73 Views 2 select DSN,TYPE,NRECS,PCNT,TIMESTAMP where timestmp << '2004' & type ^=

<F12> recall the command allowing us to make a small change to list all data sets with a timestamp of 2004 or later.

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TIMESTAMP  
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2004/09/14 14.35.13  
  
2002/11/15 15.18.49  
\*\* 153 CI SPLITS\*\*  
\*\* 005 CA SPLITS\*\*  
  
\*\* 005 CI SPLITS\*\*  
2002/04/10 11.31.52  
  
2002/04/10 11.31.53  
  
2002/04/10 11.31.54

	IX			VOL1=CBLM01	1	1	505	512	1				
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311	2005/02/22	12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9	2002/04/10	11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144*	1923	2003/12/04	15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	4089	4096	IXL=2	32			
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144	87	2003/12/04	15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	4089	4096		6			
				VOL1=CBLM04									

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2



Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help

Command> select dsn,type,nrecls,pcnt,timestmp where timestmp >='2004' & type ^= 'NONVSAM' sort timestmp d

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-----TIMESTMP-----
CBL.KSDS.U	KSDS	4	33.4	2004/10/28 15.15.00
CBL.BU.CTL	KSDS	25	52.1	2004/09/14 14.35.13
CBL.KSDS.REUSE	KSDS(R)	4	11.2	2004/04/20 14.05.55
CBL.KSDS.EXT.NOEXT.ADDR	KSDS(R)	4	2.1	2004/02/19 17.31.42
CBL.VVC.TMP	KSDS	0( 536)		2004/01/22 13.50.33

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CT 2005 PAGE 1  
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TIMESTMP  
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2004/09/14 14.35.13  
  
2002/11/15 15.18.49  
\*\* 153 CI SPLITS\*\*  
\*\* 005 CA SPLITS\*\*  
  
\*\* 005 CI SPLITS\*\*  
2002/04/10 11.31.52  
  
2002/04/10 11.31.53  
  
2002/04/10 11.31.54

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Line 1 of 5 Col 1 of 73 Views 2 select DSN,TYPE,NRECS,PCNT,TIMESTMP where timestmp << '2004' & type ^=

	IX			VOL1=CBLM01	1	1	505	512	1				
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311	2005/02/22	12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9	2002/04/10	11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144*	1923	2003/12/04	15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	4089	4096	IXL=2	32			
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144	87	2003/12/04	15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	4089	4096		6			
				VOL1=CBLM04									

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Help

Command> select dsn,type,nreccs,pcnt,timestmp where timestmp >= '2004' & type ^= 'NONVSAM' sort timestmp d

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-----TIMESTMP-----
CBL.KSDS.U	KSDS	4	33.4	2004/10/28 15.15.00
CBL.BU.CTL	KSDS	25	52.1	2004/09/14 14.35.13
CBL.KSDS.REUSE	KSDS(R)	4	11.2	2004/04/20 14.05.55
CBL.KSDS.EXT.NOEXT.ADDR	KSDS(R)	4	2.1	2004/02/19 17.31.42
CBL.VVC.TMP	KSDS	0( 536)		2004/01/22 13.50.33

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CT 2005 PAGE 1  
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TIMESTMP  
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2004/09/14 14.35.13  
  
2002/11/15 15.18.49  
\*\* 153 CI SPLITS\*\*  
\*\* 005 CA SPLITS\*\*  
  
\*\* 005 CI SPLITS\*\*  
2002/04/10 11.31.52  
  
2002/04/10 11.31.53  
  
2002/04/10 11.31.54

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Line 1 of 5 Col 1 of 73 Views 2 select DSN,TYPE,NRECS,PCNT,TIMESTMP where timestmp << '2004' & type ^=

	IX			VOL1=CBLM01	1	1	505	512	1				
CBL.ESDS	ESDS	9	8.4	VOL1=CBLM01	1	1	4089V	4096	8192	311	2005/02/22	12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	VOL1=CBLM02	1	1	4089	20480	40960	9	2002/04/10	11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144*	1923	2003/12/04	15.13.49
	IX	4	16.7	VOL1=CBLM01	2	2	4089	4096	IXL=2	32			
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	VOL1=CBLM01	C=10	C=10	1000V	7,0	1024	6144	87	2003/12/04	15.11.11
	IX	1	4.2	VOL1=CBLM04	2	2	4089	4096		6			
				VOL1=CBLM04									

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT View Back Forward FDB Edit Raw Help

Execute CBLVCAT View Back Forward FDB Edit Raw Help  
Command>

CBLV LISTCAT FDB View Back Forward FDB Edit Raw Help  
Command>

-----DSN-----	--TYPE--	--NRECS--	--PCNT--	-----TIMESTAMP-----
CBL.SELCOPY.DEMO.KSDS	KSDS(R)	9	1.3	2005/10/21 17.20.17
CBL.KSDS.REUSE.JGE	KSDS(R)	4	33.4	2005/09/28 15.47.37
CBL.KSDS.JGE	KSDS	0( 12)		2005/09/28
CBL.RRDS.REUSE	RRDS(R)	4	0.7	2005/09/20 16.36.09
CBL.NFS.FHDBASE2	KSDS(R)	0( 120)		2005/09/12 17.31.55
CBL.NFS.FHDBASE	KSDS(R)	0( 120)		2005/09/12 17.31.53
CBL.RRDSV	VRDS	12	2.3	2005/02/22 13.02.39
CBL.ESDS	ESDS	9	8.4	2005/02/22 12.40.59
CBL.KSDS	KSDS	6	50.0	2005/02/21 12.35.40
CBL.SDF	KSDS	3	0.1	2005/02/03 14.00.39
CBL.IMS.CBLAMP11.CBLAMPD1	KSDS	2403	67.4	2005/01/14 15.47.18
CBL.IMS.CBLAMDB1.CBLAMDD1	ESDS	179	20.0	2005/01/14 15.47.18
CBL.KSDS.U	KSDS	4	33.4	2004/10/28 15.15.00
CBL.BU.CTL	KSDS	25	52.1	2004/09/14 14.35.13
CBL.KSDS.REUSE	KSDS(R)	4	11.2	2004/04/20 14.05.55
CBL.KSDS.EXT.NOEXT.ADDR	KSDS(R)	4	2.1	2004/02/19 17.31.42
CBL.VVC.TMP	KSDS	0( 536)		2004/01/22 13.50.33

We will exit the raw data list window and all open Execute CBLVCAT windows then continue operating from the CMX file.

CT 2005 PAGE 1

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TIMESTAMP

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2004/09/14 14.35.13

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Line 1 of 17 Col 1 of 75 Views 3 select DSN,TYPE,NRECS,PCNT,TIMESTAMP where timestamp >= ' 2004' & type =

IX		VOL1=CBLM01	1	1	505	512	1							
CBL.ESDS	ESDS	9	8.4	1	1	1	1	4089V	4096	8192	311	2005/02/22	12.40.59	
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1	1	1	1	4089	20480	40960	9	2002/04/10	11.31.56	
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10	C=10	C=5		1000V	7,0	1024	6144*	1923	2003/12/04	15.13.49
	IX	4	16.7	2	2	1		4089	4096	IXL=2	32			
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10	C=10	C=5		1000V	7,0	1024	6144	87	2003/12/04	15.11.11
	IX	1	4.2	2	2	1		4089	4096		6			

Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> **lc key=cbl type=m**  
VCAT Program> **CBLV**

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) OS JOB=JGE2 17.48 FRI 21 OCT 2005 PAGE 1

**lc key=cbl type=m**

ICF CAT CBLMCT (3390)	TYPE	NRECS	PCNT	----	ALLOC	TRACKS	----	FRSP	LMAX	KL,RKP	CISIZE	BUFSP	EXCPS	TIMESTAMP
-----	----	-----	----	TOTAL	PRIME	SEC	----	CI CA	----	/BLK/IMB	-----	/IXL	-----	-----
CBL.BU.CTL	KSDS	25	52.1	1	1	1			4089V	44,0	20480	41472	70	2004/09/14 14.35.13
	IX	1	2.1	1	1	1			505		512		43	
CBL.DDIR	KSDS(R)	10989	71.5	C=6	C=3	C=3			3072V128,0		18432	40960*	3949	2002/11/15 15.18.49
	IX	7	58.4	1	1	1			4089		+4096+	IXL=2	209	** 153 CI SPLITS**
CBL.EMPTY.IMB.KSDS	KSDS	0(12)		2	2	2			4089	64,0	4096	8704	1	2002/04/10 11.31.52
	IX			1	1	1			505	--IMB--	512		2	** 005 CI SPLITS**
CBL.EMPTY.KSDS	KSDS	0(12)		1	1	1			4089	64,0	4096	8704	1	2002/04/10 11.31.53
	IX			1	1	1			505		512		1	
CBL.EMPTY.KSDS1	KSDS	0(640)		1	1	1		9 3*	80V 8,0		22528	45568	1	2002/04/10 11.31.54
	IX			1	1	1			505		512		1	
CBL.ESDS	ESDS	9	8.4	1	1	1			4089V		4096	8192	311	2005/02/22 12.40.59
CBL.ESDS.SELCOPY.NAM	ESDS(R)	3	50.0	1	1	1			4089		20480	40960	9	2002/04/10 11.31.56
CBL.EXT.CMPN.KSDS	KSDS(R)	2000	20.3	C=10	C=10	C=5			1000V	7,0	1024	6144*	1923	2003/12/04 15.13.49
	IX	4	16.7	2	2	1			4089		4096	IXL=2	32	
CBL.EXT.CMP1.KSDS	KSDS(R)	2000	1.5	C=10	C=10	C=5			1000V	7,0	1024	6144	87	2003/12/04 15.11.11
	IX	1	4.2	2	2	1			4089		4096		6	

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Line 1 of 242 Col 1 of 135 Views 1 select \*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> listvtoc vol=cblm05 free overlay  
VCAT Program> CBLV

-----SysPrint-----

VTOC OF CBLM05	CYL/HD	LIMITS	START	ALLOC	USED	TYPE	EXPIRES	BLKSIZE	LRECL	RECFM	CREATED	INFO
CBL.IQ0073.PDS	003/11	003/11	56	1	1	PDS	*EXPD*	3200	80	FB	2004/06/08	MULTI-EXTENT
LAC.JCL	004/00	004/01	60	2		PDSE	*EXPD*	23440	80	FB	2004/03/08	MULTI-EXTENT
HWJ.HTTPD.CONF	004/13	004/13	73	1	1		*EXPD*	32760	255	VB	2004/10/07	MULTI-EXTENT
NBJ.CBL210.OBJ	014/09	014/09	219	1		PDSE	*EXPD*	3120	80	FB	2004/04/16	MULTI-EXTENT
CBL.CMX	020/00	020/14	300	15		PDSE	*EXPD*	23476	256	VB	2004/02/24	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS	021/00	025/14	315	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE	026/00	030/14	390	75	75		*EXPD*	27920	80	FB	2004/02/13	MULTI-EXTENT
CBL.SQ11484.UNMATCH	070/07	070/07	1057	1			*EXPD*	27900	100	FB	2005/03/02	MULTI-EXTENT
NBJ.FREE.VOLSECS	072/06	072/06	1086	1	1		*EXPD*	27930	133	FB	2005/09/30	MULTI-EXTENT
NBJ.SQ11527.MULTI.VOL	080/10	080/10	1210	1	1		*EXPD*	1540	154	FB	2005/08/10	MULTI-EXTENT
NBJ.CBLI.INSTLIB	086/00	086/14	1290	15		PDSE	*EXPD*	32720	80	FB	2004/04/16	MULTI-EXTENT
NBJ.CBLIDEMO.V0010.KSDS.DATA			35	45		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
NBJ.CBLIDEMO.V0000.KSDS.DATA			10	28		VSAM	*EXPD*	4096		U	2005/10/07	MULTI-EXTENT
CBL.CBLI.DIST.BJP.VSE.OBJ			30	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.CBLI.DIST.BJP.MVS.OBJ			45	15	15		*EXPD*	27920	80	FB	2004/05/27	MULTI-EXTENT
CBL.SYSPRINT	167/00	169/14	2505	45	45	PDS	*EXPD*	27930	133	FBA	2004/11/02	MULTI-EXTENT
CBL.DBX220.ADA	184/00	233/14	2760	750		PDSE	*EXPD*	23476	8188	VB	2005/01/20	MULTI-EXTENT
CBL.DBX230.ADA	264/00	273/14	3960	150		PDSE	*EXPD*	23476	8188	VB	2005/01/21	MULTI-EXTENT
NBJ.CBLIDEMO.V0004.SEQ	409/00	417/14	6135	135	135		*EXPD*	27998	4089	VB	2005/09/06	MULTI-EXTENT
JGE.CBLI.HELP.HTML	423/00	427/14	6345	75		PDSE	*EXPD*	32760	255	VB	2005/10/17	MULTI-EXTENT
CBL.CBLI110.ASM	708/00	727/14	10620	300		PDSE	*EXPD*	23440	80	FB	2004/11/17	MULTI-EXTENT
JGE.CBLI.MACLIB	746/00	747/14	11190	30	30	PDS	*EXPD*	23440	80	FB	2004/11/19	MULTI-EXTENT

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Line 1 of 23 Col 1 of 135 Views 3 select \* where sysprint << MULTI-EXTENT | sysprint >> ' VTOC OF'

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=5,5;5 Size=791 Recl=252 Fmt=V Files=2 Views=2

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cblv v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cblv v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-----CBLi-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...+...+...10...+...11
.cblv *** CBLV CAT Int
<cblv v listvtoc vol=cblm05 free
<cblv v listvcat ref=usercat.cblm05

<e cbl.vvc.ctl(iali01)
<cblv v < cbl.vvc.ctl(iali01)

** Display all data sets with hlq C
<!cblv v opt linespace=2 pw=100 no

** Display the 20 largest available
<!cblv v report vtoc volume sorta
listvtoc vol=cbl* summary freetab stopart 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cblv v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cblv v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

CBLV CAT control statements may also be passed to CBLV CAT Interactive via a control file.

We hit <F4> to execute the "EDIT" (synonym "E") command to open an edit view for data set member "CBL.VVC.CTL(IALI01)".

0000 000000 00

-CBLLe

File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.VVC.CTL(IALI01) 80 F PDS

Command>

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...>..

\*\* CBL.VVC.CTL(IALI01) \*\*\* L=004 --- 2005/10/25 12:32:25 (JGE) 00001

\*<v <CBL.VVC.CTL(IALI01) 00002

\* Display SMS information for all data sets that have hlq CBL 00003

\* and possess SMS Extended attributes. 00004

opt linespace=2 pw=100 novol 00005

report vcat dsn 28 ext 15 sms type 00006

listcat key=cbl.ext 00007

\*\*\* End of File \*\*\* 00008

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er. 00023

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bl. ext 00031

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\*\*\* Combined VTOC and catalog report hlq NBJ \*\*\*

<cbli v report vcat defined 15 sort dsn 37 vol1 type \\  
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl \\  
listvcat key=NBJ. noalias noindex merge \\  
listvtoc vol=cblm\* key=NBJ. merge

\*\*\* Tune a KSDS data set using actual average LRECL \*\*\*

<c /nbj.cblidemo.v0000.ksds/\_nbj.cblidemo.v0000.ksds/ /\*`EndTUNE\*/ \* | Tailor DSN to be tuned.  
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/\_avlrcl=2452/ /\*`EndTUNE\*/ \* | Tailor Average LRECL.  
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds) \  
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=1 Col=1 Alt=0,0;0 Size=9 Recl=80 Fmt=F Files=3 Views=3



0000 000000 00

-CBLLe  
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>

-CBL.CMX(CBLIDEMO) 252 V PDS

-CBL.CMX(JGE2) 252 V PDS

-CBL.VVC.CTL(IALI01) 80 F PDS

```
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...>..
** CBL.VVC.CTL(IALI01) ***          L=004 --- 2005/10/25 12:32:25 (JGE)
* <v <CBL.VVC.CTL(IALI01)
* Display SMS information for all data sets that have hlq CBL
* and possess SMS Extended attributes.
  opt linespace=2 pw=100 novol
  report vcat dsn 28 ext 15 sms type
  listcat key=cbl. ext
* * * End of File * * *
** Combined VTOC and catalog report hlq NBJ **
<cbli v report vcat defined 15 sort dsn 37 vol1 type
  report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
  listvcat key=NBJ. noalias noindex merge
  listvtoc vol=cblm* key=NBJ. merge
** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.
<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbli v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define
<ams repro indataset(nbj.cblidemo.v0000.ksds) \
  outdataset(nbj.cblidemo.v0000.ksds.tuned)
<cbli v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

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As described in the comment information, this member contains CBLV CAT control statements to generate a report showing SMS information for data sets that have a high level qualifier "CBL" and are defined with extended SMS attributes.

Line=1 Col=1 Alt=0,0;0 Size=9 Recl=80 Fmt=F Files=3 Views=3

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
0000 000000 00

-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cblv v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cblv v cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display all CBL volumes ** 00033
<!cblv v report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00034
00035
** Display logs sorted by number of records ** 00036
<!cblv v report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00037
00038
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00039
listvcat ref=USERCAT.Z16.WAS type=m merge 00040
listvcat ref=USERCAT.Z16.PRODS type=m merge 00041
00042
** Combined VTOC and catalog report hlq NBJ ** 00043
<!cblv v report vcat defined 15 sort dsn 37 vol1 type 00044
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00045
listvcat key=NBJ. noalias noindex merge 00046
listvtoc vol=cblm* key=NBJ. merge 00047
00048
** Tune a KSDS data set using actual average LRECL ** 00049
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00050
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00051
00052
<c /avrlrecl=2452/_avrlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00053
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avrlrecl=2452 define 00054
00055
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00056
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00057
00058
<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00059
*EndTUNE* 00060
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```

The "<" (chevron) parameter on the "V" command indicates that input control statements are to be read from the specified data set.

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> cbl.vvc.ctl(iali01)
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only)          2005/10/25 12:32  PAGE  1
-----
** CBL.VVC.CTL(IALI01) ***          L=004 --- 2005/10/25 12:32:25 (JGE)
*<v <CBL.VVC.CTL(IALI01)
* Display SMS information for all data sets that have hlq CBL
* and possess SMS Extended attributes.
opt linespace=2 pw=100 novol
report vcat dsn 28 ext 15 sms type
listcat key=cbl. ext
ICF CAT CBLMCT (3390)      EXT-ATTRIB      SMSS      SMSD      SMSM      TYPE
-----
CBL.EXT.CMPN.KSDS        X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.CMP1.KSDS        X C(G)         CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STRN.KSDS        X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STR1.KSDS        X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STR2.KSDS        X S(02)        CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
```

Line 1 of 70 Col 1 of 135 Views 1 select \*

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> < cbl.vvc.ctl(iali01)
VCAT Program> CBLV
-----SysPrint-----
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only)          2005/10/25 12:32  PAGE 1
** CBL.VVC.CTL(IALI01) ***          L=004 --- 2005/10/25 12:32:25 (JGE)
*<v <CBL.VVC.CTL(IALI01)
* Display SMS information for all data sets that have hlq CBL
* and possess SMS Extended attributes.
opt linespace=2 pw=100 novol
report vcat dsn 28 ext 15 sms type
listcat key=cbl. ext
ICF CAT CBLVCT (3390)      EXT-ATTRIB      SMSS      SMSD      SMSM      TYPE
-----
CBL.EXT.CMPN.KSDS          X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.CMP1.KSDS          X C(G)          CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STRN.KSDS          X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STR1.KSDS          X              CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
CBL.EXT.STR2.KSDS          X S(02)          CBLTEST  CBLTEST  CBLDFLT  KSDS(R)
                          X              IX
```

Line 1 of 70 Col 1 of 135 Views 1 select \*

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> < cbl.vvc.ctl(iall01)  
VCAT Program> CBLV

ICF	CAT	CBLMCT (3390)	EXT-ATTRIB	SMSS	SMSD	SMSM	TYPE
CBL.EXT.CMPN.		KSDS	X X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.CMP1.		KSDS	X C(G) X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STRN.		KSDS	X X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR1.		KSDS	X X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR2.		KSDS	X S(02) X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR3.		KSDS	X S(03) X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR4.		KSDS	X S(04) X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.KSDS.EXT.NOEXT.		ADDR	X X		CBLDFLT	CBLEXT	CBLDFLT KSDS(R) IX
CBL.KSDS.EXT.YSEXT.		ADDR	XA XA		CBLDFLT	CBLEXT	CBLDFLT KSDX(R) IX
CBL.SEQ.EXT.		ADDR	X		CBLDFLT	CBLEXTA	CBLDFLT NONVSAM
CBL.SQ10707.XVSAM.		ESDS	XA		CBLDFLT	CBLXESDS	CBLDFLT ESDX
CBL.SQ10707.XVSAM.		KSDS	XA XA		CBLDFLT	CBLXKSDS	CBLDFLT KSDX IX
CBL.VQ3378			XA XA		CBLDFLT	CBLXKSDS	CBLDFLT KSDX IX
CBL.VSAM.DATACLAS.		CBLES DX	XA		CBLDFLT	CBLES DX	CBLDFLT ESDX

Line 26 of 70 Col 1 of 135 Views 1 select \*

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> < cbl.vvc.ctl(iall01)  
VCAT Program> CBLV

ICF	CAT	CBLMCT (3390)	EXT-ATTRIB	SMSS	SMSD	SMSM	TYPE
CBL.EXT.CMPN.		KSDS	X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.CMP1.		KSDS	X C(G)		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STRN.		KSDS	X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR1.		KSDS	X		CBLTEST	CBLTEST	CBLDFLT KSDS(R) IX
CBL.EXT.STR2.		KSDS	X S(02)				
CBL.EXT.STR3.		KSDS	X S(03)				
CBL.EXT.STR4.		KSDS	X S(04)				
CBL.KSDS.EXT.NOEXT.		ADDR	X				
CBL.KSDS.EXT.YSEXT.		ADDR	XA		CBLDFLT	CBLEXT	CBLDFLT KSDX(R) IX
CBL.SEQ.EXT.		ADDR	X		CBLDFLT	CBLEXTA	CBLDFLT NONVSAM
CBL.SQ10707.XVSAM.		ESDS	XA		CBLDFLT	CBLXESDS	CBLDFLT ESDX
CBL.SQ10707.XVSAM.		KSDS	XA		CBLDFLT	CBLXKSDS	CBLDFLT KSDX IX
CBL.VQ3378			XA		CBLDFLT	CBLXKSDS	CBLDFLT KSDX IX
CBL.VSAM.DATACLAS.		CBLES DX	XA		CBLDFLT	CBLES DX	CBLDFLT ESDX

The EXT-ATTRIB column indicates whether or not a data set supports Extended Addressability (A), contains Compressed data (C) and whether the data is Striped across a number of volumes (S).  
  
<F3> to exit.

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Line 26 of 70 Col 1 of 135 Views 1 select \*

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2



```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
-----CBLLe-----
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-----CBL.CMX(CBLIDEMO) 252 V PDS-----
-----CBL.CMX(JGE2) 252 V PDS-----
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLV CAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
<!cbl v report vtoc volume sortd alloc start !\ 00034
listvtoc vol=cbl* summary freetab stopaft 20 merge 00035
00036
** Report all VSAM entries in 3 product user catalogs sorted by number of records ** 00037
<!cbl v report vscat volume sortd alloc start !\ 00038
00039
** Co 00040
<!cb 00041
00042
The default CBLV CAT separator character is "!" (exclamation mark) which allows multiple CBLV CAT
operations to be specified on the same input record. Therefore, we can pass multiple operations to
the EXecute CBLV CAT window via the "V" command, without first having to save them to a data set.
00043
00044
However, the default CBLLe line end command separator is also "!", so we must prefix the command
with "!" to ensure that subsequent occurrences are not interpreted by CBLLe. In the following, we also
utilise the "\" (backslash) command continuation character supported by CMDTEXT, to allow us to
split a long command string over a number of lines.
00045
00046
** Co 00047
<!cb 00048
00049
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00061
00062
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00064
00065
00066
** To 00067
<c 00068
<noms 00069
00070
<c /avirecl=2452/_avirecl=2452/ /*EndTUNE*/ * | Tailor Average LRECL. 00071
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avirecl=2452 define 00072
00073
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00074
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00075
00076
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00077
*EndTUNE* 00078
00079
```

The default CBLV CAT separator character is "!" (exclamation mark) which allows multiple CBLV CAT operations to be specified on the same input record. Therefore, we can pass multiple operations to the EXecute CBLV CAT window via the "V" command, without first having to save them to a data set.

However, the default CBLLe line end command separator is also "!", so we must prefix the command with "!" to ensure that subsequent occurrences are not interpreted by CBLLe. In the following, we also utilise the "\" (backslash) command continuation character supported by CMDTEXT, to allow us to split a long command string over a number of lines.

```
0000 000000 00

-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cblv v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cblv v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cblv v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cblv v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cblv v report vcat volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cblv v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cblv v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cblv v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cblv v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vtoc volume sortd alloc start ! listvtoc vol=cbl* summary freetab stopaft 20 merge
VCAT Program> CBLV
-----SusPrint-----
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report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

VOLUME  ALLOC  START
-----  -
CBLM05  38850  11235
CBLM03  37500  9015
CBLM02  37500  8250
CBLM06  32730  17355
CBLMCT  27975  22110
CBLM04  22590  27495
CBLM01  19740  30345
CBLMCT  4635   2445
CBLM05  4050   6570
CBLM02  3975   46110
CBLM03  3336   46749
CBLM01  3285   3420
CBLM06  3285   2580
CBLM01  3000   25860
CBLM04  3000   24465
CBLM01  3000   19590
CBLM03  2760   6255
CBLM01  2520   13350
CBLM04  2175   1950
CBLM04  1500   22740

-----
50070
-----

** CBLVCAT 2.10.156 Licensed by Compute (Bridgend) Ltd +44 (1656) 652222 & 656466 **
** Expiry: 2006-07-25 **
```

The parameter string, containing both the REPORT and LISTVTOC operations, is passed to the Execute CBLVCAT window as is.

This report uses the MERGE parameter to merge VTOC lists for volumes with volser beginning "CBL" and so display the 20 largest free extents by sorting them in descending order of size.

<F3> to exit.

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```

```
0000 000000 00

-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vcat volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2
```

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. ...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e data set containing CBLV statements.
<cbl v listvcat ref=usercat.cblcat VCI with input control statements from data set.

** Di ... class SMS Extended attributes **
<!cbl v listvcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Di ... class all CBL volumes **
<!cbl v listvtoc ... summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v report pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

This example executes a very long CBLVCAT control statement consisting of 5 operations.

```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> opt pw=100 noindex novol ! report vcat dsn 44 sortd nreccs catalog 30 ! listvcat ref=USERCAT.Z16.DB2V8 type=m merge !
listvcat ref=USERCAT.Z16.WAS type=m merge ! listvcat ref=USERCAT.Z16.PRODS type=m
VCAT Program> CBLV
-----SysPrint-----
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opt pw=100 noindex novol
report vcat dsn 44 sortd nreccs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

DATASET NAME                NRECS    CATALOG
-----
MVS.MVST.CSI                 1375224  USERCAT.Z16.PRODS
MVS.MVSD.CSI                 1343624  USERCAT.Z16.PRODS
FONZ10.FONZ10T.CSI           141996   USERCAT.Z16.PRODS
FONZ10.FONZ10D.CSI           141984   USERCAT.Z16.PRODS
DSN810.DSN810T.CSI           132011   USERCAT.Z16.DB2V8
DSN810.DSN810D.CSI           127835   USERCAT.Z16.DB2V8
WAS510.WAS510T.CSI           124922   USERCAT.Z16.WAS
NETV510.NETV510T.CSI         122699   USERCAT.Z16.PRODS
NETV510.NETV510D.CSI         122603   USERCAT.Z16.PRODS
WAS510.WAS510D.CSI           122126   USERCAT.Z16.WAS
CSQ531.CSQ531T.CSI           70657    USERCAT.Z16.PRODS
DB8GUTIL.TARGET.CSI          70010    USERCAT.Z16.DB2V8
DB8GUTIL.DLIB.CSI            62539    USERCAT.Z16.DB2V8
APS330.APS330T.CSI           58943    USERCAT.Z16.PRODS
APS330.APS330D.CSI           58895    USERCAT.Z16.PRODS
CSQ531.CSQ531D.CSI           48830    USERCAT.Z16.PRODS
AUT230.AUT230T.CSI           41724    USERCAT.Z16.PRODS
AUT230.AUT230D.CSI           41581    USERCAT.Z16.PRODS
FMN510.FMN510T.CSI           27037    USERCAT.Z16.PRODS
FMN510.FMN510D.CSI           27002    USERCAT.Z16.PRODS
DCF140.DCF140T.CSI           24098    USERCAT.Z16.PRODS
BIP501.BIP501T.CSI           23762    USERCAT.Z16.PRODS
DCF140.DCF140D.CSI           21593    USERCAT.Z16.PRODS
BIP501.BIP501D.CSI           19620    USERCAT.Z16.PRODS
```

The string, passed from the command interface, wraps over multiple lines of the VCAT Command field so that it is visible to the user and executes correctly. If necessary, the number of VCAT Command lines is increased to accommodate long command strings that have been passed from the command interface.

The output displays 3 merged catalog reports listing VSAM clusters sorted in descending order of number of records.

<F3> to exit.

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00062
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00064
00065
00066
```



```
-CBLLe
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrecl=2452/_avlrecl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrecl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066
```

```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1 . . . . .2 . . . . .3 . . . . .4 . . . . .5 . . . . .6 . . . . .7 . . . . .8 . . . . .9 . . . . .10 . . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set. 00028
00029
** Display all data sets with hlq CBL that possess SMS Extended attributes ** 00030
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext 00031
00032
** Display the 20 largest available extents across all CBL volumes ** 00033
00034
<!cbl v report vtoc volume sortd alloc start !\ 00035
listvtoc vol=cbl* summary freetab stopaft 20 merge 00036
00037
** Report of all VSAM entries in 3 product user catalogs sorted by number of records ** 00038
00039
<!cbl v opt pw=100 noindex novol 00040
report vcat dsn 44 sortd nrecs catalog 30 00041
listvcat ref=USERCAT.Z16.DB2V8 type=m merge 00042
listvcat ref=USERCAT.Z16.WAS type=m merge 00043
listvcat ref=USERCAT.Z16.PRODS type=m 00044
00045
** Combined VTOC and catalog report hlq NBJ ** 00046
00047
<!cbl v report vcat defined 15 sort dsn 37 vol1 type 00048
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl 00049
listvcat key=NBJ. noalias noindex merge 00050
listvtoc vol=cblm* key=NBJ. merge 00051
00052
** Tune a KSDS data set using actual average LRECL ** 00053
00054
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL. 00056
00057
<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL. 00058
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define 00059
00060
<ams repro indataset(nbj.cblidemo.v0000.ksds) \ 00061
outdataset(nbj.cblidemo.v0000.ksds.tuned) 00062
00063
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4 00064
*EndTUNE* 00065
00066
```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl !
listvcat key=NBj. noalias noindex merge ! listvtoc vol=cblm* key=NBj. merge
VCAT Program> CBLV
```

-----SysPrint-----  
1CBLVCAT REL 2.10z14 CBL - Bridgend UK (Internal Only) 2005/10/06

```
report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBj. noalias noindex merge
listvtoc vol=cblm* key=NBj. merge
```

This report demonstrates a merge of VTOC and catalog list output.  
Page down with <F8>

CREATED	DATASET NAME	VOLUME	TYPE	CYL/HD	LIMITS	RECFM	LRECL
2005/10/06	NBJ.£ABC	CBLM01		1679/05	1679/05	VB	259
	NBJ.£ABC	CBLM01	NONVSAM				
2005/01/10	NBJ.AMS.SOURCE	CBLM05		067/13	067/13	FB	72
	NBJ.AMS.SOURCE	CBLM05	NONVSAM				
2004/02/23	NBJ.APFLIB	CBLM04	PDSE	1388/00	1417/14	U	
	NBJ.APFLIB	CBLM04	NONVSAM				
2005/10/05	NBJ.ASCII	CBLM05		085/13	085/13	F	256
	NBJ.ASCII	CBLM05	NONVSAM				
2005/10/21	NBJ.CBLEEDIT	CBLM04	PDSE	955/00	959/14	VB	255
	NBJ.CBLEEDIT	CBLM04	NONVSAM				
2004/04/16	NBJ.CBLI.CBLE	CBLM06	PDSE	040/00	041/14	VB	255
	NBJ.CBLI.CBLE	CBLM06	NONVSAM				
2004/04/16	NBJ.CBLI.CMX	CBLM06	PDSE	045/00	045/14	VB	255
	NBJ.CBLI.CMX	CBLM06	NONVSAM				
2005/07/11	NBJ.CBLI.DIST.INSTALL.TXT	CBLM01		1299/00	1299/00	FB	80
	NBJ.CBLI.DIST.INSTALL.TXT	CBLM01	NONVSAM				
2005/08/18	NBJ.CBLI.INIX	CBLM01		017/05	017/05	VB	255
	NBJ.CBLI.INIX	CBLM01	NONVSAM				
2004/04/16	NBJ.CBLI.INSTDATA.MVS	CBLM06		047/00	051/14	FB	80
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=1	052/00	052/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=2	053/00	053/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=3	054/00	054/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=4	055/00	055/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=5	056/00	056/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	EXT=6	070/00	070/14		
	NBJ.CBLI.INSTDATA.MVS	CBLM06	NONVSAM				

Line 1 of 394 Col 1 of 135 Views 1 select \*

```
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl !  
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cblm\* key=NBj, merge

VCAT Program> CBLV

-----SusPrint-----

Date	File Name	Volume	File Type	Ext	Cyls	Tracks	Recs	Vol	Other
2005/02/08	NBJ.CBLI.INSTDATA.MVS	CBLM06	NONVSAM						
	NBJ.CBLIDEMO.KSDS		KSDS						
		VOL1=CBLM04							
2005/02/08	NBJ.CBLIDEMO.KSDS.DATA	CBLM04	VSAM		830/00	831/14		U	
2005/02/08	NBJ.CBLIDEMO.KSDS.INDEX	CBLM04	VSAM		829/02	829/02		U	
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS		KSDS						
		VOL1=CBLM05							
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	VSAM		134/00	135/12		U	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=1		116/00	116/06			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=2		148/00	149/12			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=3		151/00	151/13			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=4		154/00	154/06			
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.INDEX	CBLM05	VSAM		072/03	072/03		U	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED		KSDS						
		VOL1=CBLM04							
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA	CBLM04	VSAM		953/00	954/14		U	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX	CBLM04	VSAM		908/00	908/00		U	
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS		KSDS						
		VOL1=CBLM04							
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	VSAM		806/00	806/14		U	
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=1		812/00	814/14			
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=2		949/00	950/14			
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=3		995/00	1006/14			
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.INDEX	CBLM04	VSAM		805/12	805/13		U	
2005/09/06	NBJ.CBLIDEMO.V0004.SEQ	CBLM05			409/00	417/14		VB	4089
	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	EXT=1		418/00	422/14			
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS		NONVSAM						
			KSDS						
		VOL1=CBLM04							
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	VSAM		1023/00	1024/14		U	
	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	EXT=1		1048/00	1063/14			
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.INDEX	CBLM04	VSAM		805/14	805/14		U	
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS		KSDS						
		VOL1=CBLM05							
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	VSAM		129/00	131/14		U	
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=1		103/00	103/14			
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=2		133/00	133/14			
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.INDEX	CBLM05	VSAM		072/02	072/02		U	
2004/05/10	NBJ.CBLIINI.OLD	CBLM04			1340/07	1340/07		VB	255
	NBJ.CBLIINI.OLD	CBLM04	NONVSAM						
2005/10/14	NBJ.CBLITEST.KSDS		KSDS						
		VOL1=CBLM01							
2005/10/14	NBJ.CBLITEST.KSDS.DATA	CBLM01	VSAM		1679/14	1679/14		U	

Line 43 of 394 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl !  
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cblm\* key=NBj, merge  
VCAT Program> CBLV

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-----SusPrint-----

Date	File Name	Volume	File Type	Ext	Cyls	Tracks	Recs	Vol	Ext	Vol
2005/02/08	NBJ.CBLI.INSTDATA.MVS	CBLM06	NONVSAM							
2005/02/08	NBJ.CBLIDEMO.KSDS	CBLM06	KSDS							
VOL1=CBLM04										
2005/02/08	NBJ.CBLIDEMO.KSDS.DATA	CBLM04	VSAM		830/00	831/14		U		
2005/02/08	NBJ.CBLIDEMO.KSDS.INDEX	CBLM04	VSAM		829/02	829/02		U		
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS	CBLM04	KSDS							
VOL1=CBLM05										
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	VSAM		134/00	135/12		U		
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=1		116/00	116/06				
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=2		148/00	149/12				
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=3		151/00	151/13				
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=4		154/00	154/06				
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.INDEX	CBLM05	VSAM		072/03	072/03		U		
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED	CBLM05	KSDS							
VOL1=CBLM04										
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA	CBLM04	VSAM		953/00	954/14		U		
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX	CBLM04	VSAM		908/00	908/00		U		
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS	CBLM04	KSDS							
VOL1=CBLM04										
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	VSAM		806/00	806/14		U		
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=1		812/00	814/14				
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=2		949/00	950/14				
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=3		995/00	1006/14				
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.INDEX	CBLM04	VSAM		805/12	805/13		U		
2005/09/06	NBJ.CBLIDEMO.V0004.SEQ	CBLM05			409/00	417/14		VB	4089	
	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	EXT=1		418/00	422/14				
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS	CBLM05	NONVSAM							
	NBJ.CBLIDEMO.V0009.KSDS	CBLM05	KSDS							
VOL1=CBLM04										
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	VSAM		1023/00	1024/14		U		
	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	EXT=1		1048/00	1063/14				
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.INDEX	CBLM04	VSAM		805/14	805/14		U		
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS	CBLM04	KSDS							
VOL1=CBLM05										
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	VSAM		129/00	131/14		U		
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=1		103/00	103/14				
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=2		133/00	133/14				
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.INDEX	CBLM05	VSAM		072/02	072/02		U		
2004/05/10	NBJ.CBLIINI.OLD	CBLM04			1340/07	1340/07		VB	255	
	NBJ.CBLIINI.OLD	CBLM04	NONVSAM							
2005/10/14	NBJ.CBLITEST.KSDS	CBLM04	KSDS							
VOL1=CBLM01										
2005/10/14	NBJ.CBLITEST.KSDS.DATA	CBLM01	VSAM		1679/14	1679/14		U		

Line 43 of 394 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl !  
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cblm\* key=NBj, merge  
VCAT Program> CBLV

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		-SysPrint-							
		KSDS							
2005/10/07	■	NBJ,CBLIDEMO,V0000,KSDS	VOL1=CBLM05						
2005/10/07		NBJ,CBLIDEMO,V0000,KSDS,DATA	CBLM05	VSAM	134/00	135/12	U		
		NBJ,CBLIDEMO,V0000,KSDS,DATA	CBLM05	EXT=1	116/00	116/06			
		NBJ,CBLIDEMO,V0000,KSDS,DATA	CBLM05	EXT=2	148/00	149/12			
		NBJ,CBLIDEMO,V0000,KSDS,DATA	CBLM05	EXT=3	151/00	151/13			
		NBJ,CBLIDEMO,V0000,KSDS,DATA	CBLM05	EXT=4	154/00	154/06			
2005/10/07		NBJ,CBLIDEMO,V0000,KSDS,INDEX	CBLM05	VSAM	072/03	072/03	U		
2005/10/21		NBJ,CBLIDEMO,V0000,KSDS,TUNED		KSDS					
			VOL1=CBLM04						
2005/10/21		NBJ,CBLIDEMO,V0000,KSDS,TUNED,DATA	CBLM04	VSAM	953/00	954/14	U		
2005/10/21		NBJ,CBLIDEMO,V0000,KSDS,TUNED,INDEX	CBLM04	VSAM	908/00	908/00	U		
2005/09/22		NBJ,CBLIDEMO,V0001,KSDS		KSDS					
			VOL1=CBLM04						
2005/09/22		NBJ,CBLIDEMO,V0001,KSDS,DATA	CBLM04	VSAM	806/00	806/14	U		
		NBJ,CBLIDEMO,V0001,KSDS,DATA	CBLM04	EXT=1	812/00	814/14			
		NBJ,CBLIDEMO,V0001,KSDS,DATA	CBLM04	EXT=2	949/00	950/14			
		NBJ,CBLIDEMO,V0001,KSDS,DATA	CBLM04	EXT=3	995/00	1006/14			
2005/09/22		NBJ,CBLIDEMO,V0001,KSDS,INDEX	CBLM04	VSAM	805/12	805/13	U		
2005/09/06		NBJ,CBLIDEMO,V0004,SEQ	CBLM05		409/00	417/14	VB	4069	
		NBJ,CBLIDEMO,V0004,SEQ	CBLM05	EXT=1	418/00	422/14			
2005/10/07		NBJ,CBLIDEMO,V0009,KSDS		NONVSAM					
			VOL1=CBLM04						
2005/10/07		NBJ,CBLIDEMO,V0009,KSDS,DATA	CBLM04	VSAM	1023/00	1024/14	U		
		NBJ,CBLIDEMO,V0009,KSDS,DATA	CBLM04	EXT=1	1048/00	1063/14			
2005/10/07		NBJ,CBLIDEMO,V0009,KSDS,INDEX	CBLM04	VSAM	805/14	805/14	U		
2005/10/07		NBJ,CBLIDEMO,V0010,KSDS		KSDS					
			VOL1=CBLM05						
2005/10/07		NBJ,CBLIDEMO,V0010,KSDS,DATA	CBLM05	VSAM	129/00	131/14	U		
		NBJ,CBLIDEMO,V0010,KSDS,DATA	CBLM05	EXT=1	103/00	103/14			
		NBJ,CBLIDEMO,V0010,KSDS,DATA	CBLM05	EXT=2	133/00	133/14			
2005/10/07		NBJ,CBLIDEMO,V0010,KSDS,INDEX	CBLM05	VSAM	072/02	072/02	U		
2004/05/10		NBJ,CBLIINI,OLD	CBLM04		1340/07	1340/07	VB	255	
		NBJ,CBLIINI,OLD	CBLM04	NONVSAM					
2005/10/14		NBJ,CBLITEST,KSDS		KSDS					
			VOL1=CBLM01						
2005/10/14		NBJ,CBLITEST,KSDS,DATA	CBLM01	VSAM	1679/14	1679/14	U		
2005/10/14		NBJ,CBLITEST,KSDS,INDEX	CBLM01	VSAM	1700/00	1700/00	U		
2005/07/21		NBJ,CBLITRAC	CBLM01		068/00	068/14	VB	256	
		NBJ,CBLITRAC	CBLM01	NONVSAM					
2004/04/16		NBJ,CBLI110,INSTLIB	CBLM05	PDSE	086/00	086/14	FB	80	
		NBJ,CBLI110,INSTLIB	CBLM05	EXT=1	087/00	087/14			

Line 48 of 394 Col 1 of 135 Views 1 select \*

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

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Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort ds  
listvcat key=NB.J. noalias noin  
VCAT Program> CBLV

-----SysPrint-----  
-----KSDS-----

Date	File	Vol	Ext	Org	Ext	Org	Mode	Size
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS	VOL1=CBLM05						
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	VSAM	134/00	135/12		U	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=1	116/00	116/06			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=2	148/00	149/12			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=3	151/00	151/13			
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=4	154/00	154/06			
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.INDEX	CBLM05	VSAM	072/03	072/03		U	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED		KSDS					
		VOL1=CBLM04						
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA	CBLM04	VSAM	953/00	954/14		U	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX	CBLM04	VSAM	908/00	908/00		U	
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS		KSDS					
		VOL1=CBLM04						
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	VSAM	806/00	806/14		U	
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=1	812/00	814/14			
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=2	949/00	950/14			
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=3	995/00	1006/14			
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.INDEX	CBLM04	VSAM	805/12	805/13		U	
2005/09/06	NBJ.CBLIDEMO.V0004.SEQ	CBLM05		409/00	417/14		VB	4069
	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	EXT=1	418/00	422/14			
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS		NONVSAM					
		VOL1=CBLM04						
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	VSAM	1023/00	1024/14		U	
	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	EXT=1	1048/00	1063/14			
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.INDEX	CBLM04	VSAM	805/14	805/14		U	
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS		KSDS					
		VOL1=CBLM05						
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	VSAM	129/00	131/14		U	
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=1	103/00	103/14			
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=2	133/00	133/14			
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.INDEX	CBLM05	VSAM	072/02	072/02		U	
2004/05/10	NBJ.CBLIINI.OLD	CBLM04		1340/07	1340/07		VB	255
2005/10/14	NBJ.CBLIINI.OLD	CBLM04	NONVSAM					
	NBJ.CBLITEST.KSDS		KSDS					
		VOL1=CBLM01						
2005/10/14	NBJ.CBLITEST.KSDS.DATA	CBLM01	VSAM	1679/14	1679/14		U	
2005/10/14	NBJ.CBLITEST.KSDS.INDEX	CBLM01	VSAM	1700/00	1700/00		U	
2005/07/21	NBJ.CBLITRAC	CBLM01		068/00	068/14		VB	256
	NBJ.CBLITRAC	CBLM01	NONVSAM					
2004/04/16	NBJ.CBLI110.INSTLIB	CBLM05	PDSE	086/00	086/14		FB	80
	NBJ.CBLI110.INSTLIB	CBLM05	EXT=1	087/00	087/14			

The "Help" menu item will open the Help browser for the Execute CBLVCAT window.

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<cbli v listcat key=nb.j.cblidemo.v0000.ksds linespace=4  
\*EndTUNE\*



```
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NB.J. noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS.DATA VOL1=CBLM05 CBLM05 VSAM
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=1
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=2
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=3
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=4
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS.INDEX CBLM05 VSAM
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED KSDS
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED.DATA VOL1=CBLM04 CBLM04 VSAM
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED.INDEX CBLM04 VSAM
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS KSDS
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS.DATA VOL1=CBLM04 CBLM04 VSAM
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=1
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=2
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=3
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS.INDEX CBLM04 VSAM
2005/09/06 NB.J.CBLIDEMO.V0004.SEQ CBLM05
NB.J.CBLIDEMO.V0004.SEQ CBLM05 EXT=1
NB.J.CBLIDEMO.V0004.SEQ CBLM05 NONVSAM
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS.DATA VOL1=CBLM04 CBLM04 VSAM
NB.J.CBLIDEMO.V0009.KSDS.DATA CBLM04 EXT=1
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS.INDEX CBLM04 VSAM
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS.DATA VOL1=CBLM05 CBLM05 VSAM
NB.J.CBLIDEMO.V0010.KSDS.DATA CBLM05 EXT=1
NB.J.CBLIDEMO.V0010.KSDS.DATA CBLM05 EXT=2
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS.INDEX CBLM05 VSAM
2004/05/10 NB.J.CBLIINI.OLD CBLM04
NB.J.CBLIINI.OLD CBLM04 NONVSAM
2005/10/14 NB.J.CBLITEST.KSDS KSDS
2005/10/14 NB.J.CBLITEST.KSDS.DATA VOL1=CBLM01 CBLM01 VSAM
2005/10/14 NB.J.CBLITEST.KSDS.INDEX CBLM01 VSAM
2005/07/21 NB.J.CBLITRAC CBLM01
NB.J.CBLITRAC CBLM01 NONVSAM
2004/04/16 NB.J.CBLI110.INSTLIB CBLM05 PDSE
NB.J.CBLI110.INSTLIB CBLM05 EXT=1
```

Line 48 of 394 Col 1 of 135 Views 1 select \*

```
<cbl v listcat key=nb.j.cblidemo.
*EndTUNE*
```

Line=23 Col=1 Alt=0,0;0 Size=791

```
-Executing CBLVCAT (VCI)
Back Forward Home Close Source Text Help
Command>
Location>
```

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Executing CBLVCAT

[CBLVCAT Interactive Window](#)  
[Raw Data Window](#)

--- End of: winXCBLV.html ---

Line 1 of 14 Col 1 of 78 File: CBL.CBLI.HELP.HTML(WINXCBLV)

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc  
listvcat key=NB.J. noalias noindex merge ! listvtoc vol=cbl  
VCAT Program> CBLV

Date	Dataset	Vol	Ext	Storage Class
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS			KSDS
		VOL1=CBLM05		
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	VSAM	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=1	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=2	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=3	
	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=4	
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.INDEX	CBLM05	VSAM	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED		KSDS	
		VOL1=CBLM04		
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA	CBLM04	VSAM	
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX	CBLM04	VSAM	
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS		KSDS	
		VOL1=CBLM04		
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	VSAM	
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=1	
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=2	
	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=3	
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.INDEX	CBLM04	VSAM	
2005/09/06	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	VSAM	
	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	EXT=1	
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS		NONVSAM	
		VOL1=CBLM04	KSDS	
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	VSAM	
	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	EXT=1	
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.INDEX	CBLM04	VSAM	
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS		KSDS	
		VOL1=CBLM05		
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	VSAM	
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=1	
	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=2	
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.INDEX	CBLM05	VSAM	
2004/05/10	NBJ.CBLIINI.OLD	CBLM04	VSAM	
	NBJ.CBLIINI.OLD	CBLM04	NONVSAM	
2005/10/14	NBJ.CBLITEST.KSDS		KSDS	
		VOL1=CBLM01		
2005/10/14	NBJ.CBLITEST.KSDS.DATA	CBLM01	VSAM	
2005/10/14	NBJ.CBLITEST.KSDS.INDEX	CBLM01	VSAM	
2005/07/21	NBJ.CBLITRAC	CBLM01	NONVSAM	
	NBJ.CBLITRAC	CBLM01	NONVSAM	
2004/04/16	NBJ.CBLI110.INSTLIB	CBLM05	PDSE	
	NBJ.CBLI110.INSTLIB	CBLM05	EXT=1	

Line 48 of 394 Col 1 of 135 Views 1 select \*

<cbl v listcat key=nb.j.cblidemo.  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791

Executing CBLVCAT (VCI)  
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Location>

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Executing CBLVCAT

[CBLVCAT Interactive Window](#)  
[Raw Data Window](#)

--- End of: winXCBLV.html ---

Line 1 of 14 Col 1 of 78 File: CBL.CBLI.HELP.HTML(WINXCBLV)

Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc  
listvcat key=NB.J. noalias noindex merge ! listvtoc vol=cbl  
VCAT Program> CBLV

Date	Dataset	Vol	Ext	Storage
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS	VOL1=CBLM05		VSAM
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=1	VSAM
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=2	VSAM
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=3	VSAM
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.DATA	CBLM05	EXT=4	VSAM
2005/10/07	NBJ.CBLIDEMO.V0000.KSDS.INDEX	CBLM05		VSAM
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED			KSDS
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.DATA	VOL1=CBLM04		VSAM
2005/10/21	NBJ.CBLIDEMO.V0000.KSDS.TUNED.INDEX	CBLM04		VSAM
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS			KSDS
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	VOL1=CBLM04		VSAM
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=1	VSAM
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=2	VSAM
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.DATA	CBLM04	EXT=3	VSAM
2005/09/22	NBJ.CBLIDEMO.V0001.KSDS.INDEX	CBLM04		VSAM
2005/09/06	NBJ.CBLIDEMO.V0004.SEQ	CBLM05		VSAM
2005/10/07	NBJ.CBLIDEMO.V0004.SEQ	CBLM05	EXT=1	NONVSAM
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS			KSDS
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	VOL1=CBLM04		VSAM
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.DATA	CBLM04	EXT=1	VSAM
2005/10/07	NBJ.CBLIDEMO.V0009.KSDS.INDEX	CBLM04		VSAM
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS			KSDS
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	VOL1=CBLM05		VSAM
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=1	VSAM
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.DATA	CBLM05	EXT=2	VSAM
2005/10/07	NBJ.CBLIDEMO.V0010.KSDS.INDEX	CBLM05		VSAM
2004/05/10	NBJ.CBLIINI.OLD	CBLM04		NONVSAM
2005/10/14	NBJ.CBLIINI.OLD	CBLM04		NONVSAM
2005/10/14	NBJ.CBLITEST.KSDS			KSDS
2005/10/14	NBJ.CBLITEST.KSDS.DATA	VOL1=CBLM01		VSAM
2005/10/14	NBJ.CBLITEST.KSDS.INDEX	CBLM01		VSAM
2005/07/21	NBJ.CBLITRAC	CBLM01		NONVSAM
2004/04/16	NBJ.CBLI110.INSTLIB	CBLM05		PDSE
2004/04/16	NBJ.CBLI110.INSTLIB	CBLM05	EXT=1	VSAM

Line 48 of 394 Col 1 of 135 Views 1 select \*  
<cbl v listcat key=nb.j.cblidemo.  
\*EndTUNE\*  
Line=23 Col=1 Alt=0,0;0 Size=791

Executing CBLVCAT (VCI)  
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Command>  
Location>  
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Executing CBLVCAT  
[CBLVCAT Interactive Window](#)  
[Raw Data Window](#)  
--- End of: winXCBLV.html ---

The Help browser displays CBLi help documents written in HTML and contains support for hyper-links.

Line 1 of 14 Col 1 of 78 File: CBL.CBLI.HELP.HTML(WINXCBLV)

```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint-----
2005/10/07  NBj,CBLIDEMO,V0000,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  VSAM
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=1
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=2
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=3
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=4
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,INDEX  CBLM05  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED   KSDS
                VOL1=CBLM04
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,DATA CBLM04  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,INDEX CBLM04  VSAM
2005/09/22  NBj,CBLIDEMO,V0001,KSDS          KSDS
                VOL1=CBLM04
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  VSAM
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=1
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=2
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=3
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,INDEX  CBLM04  VSAM
2005/09/06  NBj,CBLIDEMO,V0004,SEQ         CBLM05
                NBj,CBLIDEMO,V0004,SEQ         CBLM05  EXT=1
                NBj,CBLIDEMO,V0004,SEQ         CBLM05  NONVSAM
2005/10/07  NBj,CBLIDEMO,V0009,KSDS          KSDS
                VOL1=CBLM04
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,DATA    CBLM04  VSAM
                NBj,CBLIDEMO,V0009,KSDS,DATA    CBLM04  EXT=1
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,INDEX  CBLM04  VSAM
2005/10/07  NBj,CBLIDEMO,V0010,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  VSAM
                NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  EXT=1
                NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  EXT=2
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,INDEX  CBLM05  VSAM
2004/05/10  NBj,CBLIINI,OLD                 CBLM04
2005/10/14  NBj,CBLIINI,OLD                 CBLM04  NONVSAM
2005/10/14  NBj,CBLITEST,KSDS              KSDS
                VOL1=CBLM01
2005/10/14  NBj,CBLITEST,KSDS,DATA          CBLM01  VSAM
2005/10/14  NBj,CBLITEST,KSDS,INDEX        CBLM01  VSAM
2005/07/21  NBj,CBLITRAC                    CBLM01  NONVSAM
2004/04/16  NBj,CBLI110,INSTLIB            CBLM05  PDSE
                NBj,CBLI110,INSTLIB            CBLM05  EXT=1

```

```

Line 48 of 394 Col 1 of 135 Views 1 select *
<cbl v listcat key=nbj.cblidem.
*EndTUNE*
Line=23 Col=1 Alt=@,0;0 Size=791

```

```

-CBLVCAT Interactive Window
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Location>

```

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CBLVCAT Interactive Window

Use the Execute CBLVCAT window to execute CBLVCAT Interactive. This window is opened via the v line command or the 'File', 'Execute CBLVCAT' menu item of the CBL window [main menu](#) bar.

CBLVCAT is used to generate standard and customised reports on VTOC and ICF/VSAM catalog data. It also supports VSAM file tuning and generation of IDCAMS DEFINE job source. Details on CBLVCAT output and control statement syntax is found in the [CBLVCAT User Manual](#)

CBLi loads CBLVCAT and takes over its control statement input and report output functions. This allows the user to specify CBLVCAT input statements directly at the VCAT Command prompt or indirectly via a control statement file and view the output in a window.

In order to direct input from a control statement file, the fileid should be entered at the VCAT Command prompt and prefixed with a "<" (less than) symbol.

If you are using the LISTVCAT DEFINE option then the generated IDCAMS control statements are displayed in a [CBL text editor](#) window and may subsequently be saved to a file.

After execution of CBLVCAT control statements (or control statement file), the SYSPRINT (MVS and CMS) or SYSLST (VSE) output is presented in the display area of the Execute CBLVCAT window.

Example Execute CBLVCAT window:

```

-----SysPrint-----
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
VCAT Command> lc key=cbl
                ~
VCAT Program> V210
-----SysPrint-----
1CBLVCAT REL 2.10 AT CBL - Bridgend UK (Internal Only)
-----SysPrint-----

lc key=cbl

ICF CAT CBLMCT (3390) TYPE          NRECS    PCNT    ---- ALLOC TRACKS ----  FR
-----
                                -----
                                -----
                                TOTAL    PRIME    SEC    CI

CBL.AM.LOAD                      NONVSAM                                VOL1=CBLM04 3390
Line 1 of 186 Col 1 of 142 File: CBL.CBLI.HELP.html(winXCWIN)

```

```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint-----
2005/10/07  NBj,CBLIDEMO,V0000,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  VSAM
                CBLM05  EXT=1
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=2
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=3
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=4
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,INDEX  CBLM05  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED  KSDS
                VOL1=CBLM04
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,DATA  CBLM04  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,INDEX  CBLM04  VSAM
2005/09/22  NBj,CBLIDEMO,V0001,KSDS          KSDS
                VOL1=CBLM04
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04  VSAM
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,INDEX  CBLM04
2005/09/06  NBj,CBLIDEMO,V0004,SEQ          CBLM04
                NBj,CBLIDEMO,V0004,SEQ          CBLM04
                NBj,CBLIDEMO,V0004,SEQ          CBLM05  NONVSAM
2005/10/07  NBj,CBLIDEMO,V0009,KSDS          KSDS
                VOL1=CBLM04
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,DATA  CBLM04  VSAM
                NBj,CBLIDEMO,V0009,KSDS,DATA  CBLM04  EXT=1
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,INDEX  CBLM04  VSAM
2005/10/07  NBj,CBLIDEMO,V0010,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  VSAM
                NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  EXT=1
                NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  EXT=2
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,INDEX  CBLM05  VSAM
2004/05/10  NBj,CBLIINI,OLD                  CBLM04
2005/10/14  NBj,CBLIINI,OLD                  CBLM04  NONVSAM
2005/10/14  NBj,CBLITEST,KSDS              KSDS
                VOL1=CBLM01
2005/10/14  NBj,CBLITEST,KSDS,DATA  CBLM01  VSAM
2005/10/14  NBj,CBLITEST,KSDS,INDEX  CBLM01  VSAM
2005/07/21  NBj,CBLITRAC                    CBLM01
2005/07/21  NBj,CBLITRAC                    CBLM01  NONVSAM
2004/04/16  NBj,CBLI110,INSTLIB            CBLM05  PDSE
2004/04/16  NBj,CBLI110,INSTLIB            CBLM05  EXT=1
    
```

```

Line 48 of 394  Col 1 of 135  Views 1  select *
<cbl v listcat key=nbj.cblidemo.
*EndTUNE*
Line=23  Col=1  Alt=@,0;0  Size=791
    
```

```

-CBLVCAT Interactive Window
Back Forward Home Close Source Text Help
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Location>
    
```

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CBLVCAT Interactive Window

Use the Execute CBLVCAT window to execute CBLVCAT Interactive. This window is opened via the v line command or the 'File', 'Execute CBLVCAT' menu item of the CBLi window [main menu](#) bar.

CBLVCAT is used to generate standard and customised reports on VTOC and ICF/VSAM catalog data. It also supports VSAM file tuning and generation of IDCAMS DEFINE job source. Details on CBLVCAT output and control statement syntax is found in the [CBLVCAT User Manual](#)

CBLVCAT loads CBLVCAT and takes over its control statement input and report functions. This allows the user to specify CBLVCAT input statements directly or indirectly via a control statement file

control statement file, the fileid should be prompt and prefixed with a "<" (less than) symbol.

If you are using the LISTVCAT DEFINE option then the generated IDCAMS control statements are displayed in a [CBLi text editor](#) window and may subsequently be saved to a file.

After execution of CBLVCAT control statements (or control statement file), the SYSPRINT (MVS and CMS) or SYSLSST (VSE) output is presented in the display area of the Execute CBLVCAT window.

Example Execute CBLVCAT window:

```

-----SysPrint-----
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
VCAT Command> lc key=cbl
                ~
VCAT Program> V210
-----SysPrint-----
1CBLVCAT REL 2.10 AT CBL - Bridgend UK (Internal Only)
-----SysPrint-----

lc key=cbl

ICF CAT CBLMCT (3390) TYPE          NRECS  PCNT  ---- ALLOC TRACKS ----  FR
-----
CBL.AM.LOAD          NONVSAM          3390
Line 1 of 186  Col 1 of 142 File: CBL.CBLI.HELP.html(winXCWIN)
    
```



```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint-----
2005/10/07  NBj,CBLIDEMO,V0000,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  VSAM
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=1
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=2
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=3
                NBj,CBLIDEMO,V0000,KSDS,DATA    CBLM05  EXT=4
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,INDEX  CBLM05  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED  KSDS
                VOL1=CBLM04
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,DATA CBLM04  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,INDEX CBLM04  VSAM
2005/09/22  NBj,CBLIDEMO,V0001,KSDS          KSDS
                VOL1=CBLM04
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  VSAM
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=1
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=2
                NBj,CBLIDEMO,V0001,KSDS,DATA    CBLM04  EXT=3
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,INDEX  CBLM04  VSAM
2005/09/06  NBj,CBLIDEMO,V0004,SEQ         CBLM05
                NBj,CBLIDEMO,V0004,SEQ         CBLM05  EXT=1
                NBj,CBLIDEMO,V0004,SEQ         CBLM05  NONVSAM
2005/10/07  NBj,CBLIDEMO,V0009,KSDS          KSDS
                VOL1=CBLM04
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,DATA    CBLM04  VSAM
                NBj,CBLIDEMO,V0009,KSDS,DATA    CBLM04  EXT=1
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,INDEX  CBLM04  VSAM
2005/10/07  NBj,CBLIDEMO,V0010,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  VSAM
                NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  EXT=1
                NBj,CBLIDEMO,V0010,KSDS,DATA    CBLM05  EXT=2
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,INDEX  CBLM05  VSAM
2004/05/10  NBj,CBLIINI,OLD                 CBLM04
2005/10/14  NBj,CBLIINI,OLD                 CBLM04  NONVSAM
2005/10/14  NBj,CBLITEST,KSDS              KSDS
                VOL1=CBLM01
2005/10/14  NBj,CBLITEST,KSDS,DATA          CBLM01  VSAM
2005/10/14  NBj,CBLITEST,KSDS,INDEX        CBLM01  VSAM
2005/07/21  NBj,CBLITRAC                    CBLM01  NONVSAM
2004/04/16  NBj,CBLI110,INSTLIB            CBLM05  PDSE
                NBj,CBLI110,INSTLIB            CBLM05  EXT=1

```

Line 48 of 394 Col 1 of 135 Views 1 select \*

```

<cbli v listcat key=nbj.cblidemo.
*EndTUNE*

```

Line=23 Col=1 Alt=0,0;0 Size=791

```

-CBLVCAT Interactive Window
Back Forward Home Close Source Text Help
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```

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### CBLVCAT Interactive Window

Use the Execute CBLVCAT window to execute CBLVCAT Interactive. This window is opened via the v line command or the 'File', 'Execute CBLVCAT' menu item of the CBLi window [main menu](#) bar.

CBLVCAT is used to generate standard and customised reports on VTOC and ICF/VSAM catalog data. It also supports VSAM file tuning and generation of IDCAMS DEFINE job source. Details on CBLVCAT output and control statement syntax is found in the [CBLVCAT User Manual](#)

CBLi loads CBLVCAT and takes over its control statement input and report output functions. This allows the user to specify CBLVCAT input statements directly at the VCAT Command prompt or indirectly via a control statement file and view the output in a window.

In order to direct input from a control statement file, the fileid should be entered at the VCAT Command prompt and prefixed with a "<" (less than) symbol.

If you are using the LISTVCAT DEFINE option then the generated IDCAMS control statements are displayed in a [CBLi text editor](#) window and may subsequently be saved to a file.

After execution of CBLVCAT control statements (or control statement file), the SYSPRINT (MVS and CMS) or SYSLST (VSE) output is presented in the display area of the Execute CBLVCAT window.

#### Example Execute CBLVCAT window:

```

-----SysPrint-----
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
VCAT Command> lc key=cbl
                ~
VCAT Program> V210
-----SysPrint-----
1CBLVCAT REL 2.10 AT CBL - Bridgend UK (Internal Only)
-----
lc key=cbl

ICF CAT CBLMCT (3390) TYPE          NRECS  PCNT  ---- ALLOC TRACKS ----  FR
-----
CBL.AM.LOAD          NONVSAM              3390
Line 1 of 186 Col 1 of 142 File: CBL.CBLI.HELP.html(winXCWIN)

```

```
Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NB.J. noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS.DATA VOL1=CBLM05 CBLM05 VSAM
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=1
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=2
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=3
NB.J.CBLIDEMO.V0000.KSDS.DATA CBLM05 EXT=4
2005/10/07 NB.J.CBLIDEMO.V0000.KSDS.INDEX CBLM05 VSAM
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED KSDS
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED.DATA VOL1=CBLM04 CBLM04 VSAM
2005/10/21 NB.J.CBLIDEMO.V0000.KSDS.TUNED.INDEX CBLM04 VSAM
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS KSDS
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS.DATA VOL1=CBLM04 CBLM04 VSAM
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=1
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=2
NB.J.CBLIDEMO.V0001.KSDS.DATA CBLM04 EXT=3
2005/09/22 NB.J.CBLIDEMO.V0001.KSDS.INDEX CBLM04 VSAM
2005/09/06 NB.J.CBLIDEMO.V0004.SEQ CBLM05 VSAM
NB.J.CBLIDEMO.V0004.SEQ CBLM05 EXT=1
NB.J.CBLIDEMO.V0004.SEQ CBLM05 NONVSAM
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS.DATA VOL1=CBLM04 CBLM04 VSAM
NB.J.CBLIDEMO.V0009.KSDS.DATA CBLM04 EXT=1
2005/10/07 NB.J.CBLIDEMO.V0009.KSDS.INDEX CBLM04 VSAM
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS KSDS
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS.DATA VOL1=CBLM05 CBLM05 VSAM
NB.J.CBLIDEMO.V0010.KSDS.DATA CBLM05 EXT=1
NB.J.CBLIDEMO.V0010.KSDS.DATA CBLM05 EXT=2
2005/10/07 NB.J.CBLIDEMO.V0010.KSDS.INDEX CBLM05 VSAM
2004/05/10 NB.J.CBLIINI.OLD CBLM04 NONVSAM
2005/10/14 NB.J.CBLIINI.OLD CBLM04 KSDS
2005/10/14 NB.J.CBLITEST.KSDS DATA VOL1=CBLM01 CBLM01 VSAM
2005/10/14 NB.J.CBLITEST.KSDS.INDEX CBLM01 VSAM
2005/07/21 NB.J.CBLITRAC CBLM01 NONVSAM
NB.J.CBLITRAC CBLM01
2004/04/16 NB.J.CBLI110.INSTLIB CBLM05 PDSE
NB.J.CBLI110.INSTLIB CBLM05 EXT=1
```

```
Line 48 of 394 Col 1 of 135 Views 1 select *
<cbl v listcat key=nb.j.cblidemo.
*EndTUNE*
Line=23 Col=1 Alt=0,0;0 Size=791
```

```
CBLVCAT Manual
Back Forward Home Close Source Text Help
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Location>
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HTML or TEXT

Release 9.70 User Manual - Release 9.70

CBLVCAT Release 9.80 New Features VSAM FILE TUN CATALOG DISPL DISPLAY & MOD
CBLVCAT Release 2.00 New Features
User Manual Contents

Copyright
CBL Abbreviations
Product
> Introduction
Control Card Syntax Rules
> Guide to List Output
> Guide to VSAM Tuning
> Summary of Syntax
> A-Z Reference
CBLNAME
> Messages
> Technical Information
Glossary of Terms
Line 1 of 15 Col 1 of 57 File: CBL.CBLI.HELP.html(mancov)
```

Hit <F3> to scroll backwards through the browsed pages before exiting Help.

```

-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
Command>
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc
listvcat key=NBj, noalias noindex merge ! listvtoc vol=cbl
VCAT Program> CBLV
-----SysPrint-----
2005/10/07  NBj,CBLIDEMO,V0000,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  VSAM
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=1
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=2
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=3
                NBj,CBLIDEMO,V0000,KSDS,DATA  CBLM05  EXT=4
2005/10/07  NBj,CBLIDEMO,V0000,KSDS,INDEX CBLM05  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED KSDS
                VOL1=CBLM04
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,DATA CBLM04  VSAM
2005/10/21  NBj,CBLIDEMO,V0000,KSDS,TUNED,INDEX CBLM04  VSAM
2005/09/22  NBj,CBLIDEMO,V0001,KSDS          KSDS
                VOL1=CBLM04
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04  VSAM
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04  EXT=1
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04  EXT=2
                NBj,CBLIDEMO,V0001,KSDS,DATA  CBLM04  EXT=3
2005/09/22  NBj,CBLIDEMO,V0001,KSDS,INDEX CBLM04  VSAM
2005/09/06  NBj,CBLIDEMO,V0004,SEQ        CBLM05
                NBj,CBLIDEMO,V0004,SEQ        CBLM05  EXT=1
                NBj,CBLIDEMO,V0004,SEQ        CBLM05  NONVSAM
2005/10/07  NBj,CBLIDEMO,V0009,KSDS          KSDS
                VOL1=CBLM04
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,DATA  CBLM04  VSAM
                NBj,CBLIDEMO,V0009,KSDS,DATA  CBLM04  EXT=1
2005/10/07  NBj,CBLIDEMO,V0009,KSDS,INDEX CBLM04  VSAM
2005/10/07  NBj,CBLIDEMO,V0010,KSDS          KSDS
                VOL1=CBLM05
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  VSAM
                NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  EXT=1
                NBj,CBLIDEMO,V0010,KSDS,DATA  CBLM05  EXT=2
2005/10/07  NBj,CBLIDEMO,V0010,KSDS,INDEX CBLM05  VSAM
2004/05/10  NBj,CBLIINI,OLD                CBLM04
2005/10/14  NBj,CBLIINI,OLD                CBLM04  NONVSAM
2005/10/14  NBj,CBLITEST,KSDS             KSDS
                VOL1=CBLM01
2005/10/14  NBj,CBLITEST,KSDS,DATA        CBLM01  VSAM
2005/10/14  NBj,CBLITEST,KSDS,INDEX      CBLM01  VSAM
2005/07/21  NBj,CBLITRAC                  CBLM01  NONVSAM
2004/04/16  NBj,CBLI110,INSTLIB          CBLM05  PDSE
                NBj,CBLI110,INSTLIB          CBLM05  EXT=1

```

```

Line 48 of 394 Col 1 of 135 Views 1 select *
<cbl v listcat key=nbj.cblidemo.
*EndTUNE*
Line=23 Col=1 Alt=@,0;0 Size=791

```

```

-CBLVCAT Interactive Window
Back Forward Home Close Source Text Help
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```

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### CBLVCAT Interactive Window

Use the Execute CBLVCAT window to execute CBLVCAT Interactive. This window is opened via the v line command or the 'File', 'Execute CBLVCAT' menu item of the CBLi window [main menu](#) bar.

CBLVCAT is used to generate standard and customised reports on VTOC and ICF/VSAM catalog data. It also supports VSAM file tuning and generation of IDCAMS DEFINE job source. Details on CBLVCAT output and control statement syntax is found in the [CBLVCAT User Manual](#)

CBLi loads CBLVCAT and takes over its control statement input and report output functions. This allows the user to specify CBLVCAT input statements directly at the VCAT Command prompt or indirectly via a control statement file and view the output in a window.

In order to direct input from a control statement file, the fileid should be entered at the VCAT Command prompt and prefixed with a "<" (less than) symbol.

If you are using the LISTVCAT DEFINE option then the generated IDCAMS control statements are displayed in a [CBLi text editor](#) window and may subsequently be saved to a file.

After execution of CBLVCAT control statements (or control statement file), the SYSPRINT (MVS and CMS) or SYSLSL (VSE) output is presented in the display area of the Execute CBLVCAT window.

### Example Execute CBLVCAT window:

```

-----SysPrint-----
-Execute CBLVCAT
View Back Forward FDB Edit Raw Help
VCAT Command> lc key=cbl
                ~
VCAT Program> V210
-----SysPrint-----
1CBLVCAT REL 2.10 AT CBL - Bridgend UK (Internal Only)
-----SysPrint-----

lc key=cbl

ICF CAT CBLMCT (3390) TYPE          NRECS  PCNT  ---- ALLOC TRACKS ----  FR
-----
                                -----
                                -----
                                TOTAL  PRIME  SEC  CI

CBL.AM.LOAD                      NONVSAM                                VOL1=CBLM04 3390
Line 1 of 186 Col 1 of 142 File: CBL.CBLI.HELP.html(winXCWIN)

```



Execute CBLVCAT  
View Back Forward FDB Edit Raw Help  
Command>  
VCAT Command> report vcat defined 15 sort dsn 37 vol1 type ! report vtoc  
listvcat key=NB.J. noalias noindex merge ! listvtoc vol=cbl  
VCAT Program> CBLV

Date	Dataset	Vol	Ext	Storage Class
2005/10/07	NB.J.CBLIDEMO.V0000.KSDS			KSDS
		VOL1=CBLM05		
2005/10/07	NB.J.CBLIDEMO.V0000.KSDS.DATA			VSAM
				CBLM05
				EXT=1
				EXT=2
				EXT=3
				EXT=4
2005/10/07	NB.J.CBLIDEMO.V0000.KSDS.INDEX			VSAM
				CBLM05
2005/10/21	NB.J.CBLIDEMO.V0000.KSDS.TUNED			KSDS
		VOL1=CBLM04		
2005/10/21	NB.J.CBLIDEMO.V0000.KSDS.TUNED.DATA			VSAM
				CBLM04
2005/09/22	NB.J.CBLIDEMO.V0001.KSDS			KSDS
		VOL1=CBLM04		
2005/09/22	NB.J.CBLIDEMO.V0001.KSDS.DATA			VSAM
				CBLM04
				EXT=1
				EXT=2
				EXT=3
2005/09/22	NB.J.CBLIDEMO.V0001.KSDS.INDEX			VSAM
				CBLM04
2005/09/06	NB.J.CBLIDEMO.V0004.SEQ			CBLM05
				EXT=1
				CBLM05
2005/10/07	NB.J.CBLIDEMO.V0009.KSDS			NONVSAM
				KSDS
		VOL1=CBLM04		
2005/10/07	NB.J.CBLIDEMO.V0009.KSDS.DATA			VSAM
				CBLM04
				EXT=1
2005/10/07	NB.J.CBLIDEMO.V0009.KSDS.INDEX			VSAM
				CBLM04
2005/10/07	NB.J.CBLIDEMO.V0010.KSDS			KSDS
		VOL1=CBLM05		
2005/10/07	NB.J.CBLIDEMO.V0010.KSDS.DATA			VSAM
				CBLM05
				EXT=1
				EXT=2
2005/10/07	NB.J.CBLIDEMO.V0010.KSDS.INDEX			VSAM
				CBLM05
2004/05/10	NB.J.CBLIINI.OLD			CBLM04
				VSAM
2005/10/14	NB.J.CBLIINI.OLD			CBLM04
				NONVSAM
				KSDS
		VOL1=CBLM01		
2005/10/14	NB.J.CBLITEST.KSDS.DATA			VSAM
				CBLM01
2005/10/14	NB.J.CBLITEST.KSDS.INDEX			VSAM
				CBLM01
2005/07/21	NB.J.CBLITRAC			CBLM01
				NONVSAM
2004/04/16	NB.J.CBLI110.INSTLIB			CBLM05
				PDSE
				EXT=1

Line 48 of 394 Col 1 of 135 Views 1 select \*

<cbl v listcat key=nb.j.cblidemo.  
\*EndTUNE\*

Line=23 Col=1 Alt=0,0;0 Size=791

Executing CBLVCAT (VCI)  
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Executing CBLVCAT

[CBLVCAT Interactive Window](#)  
[Raw Data Window](#)

--- End of: winXCBLV.html ---

Line 1 of 14 Col 1 of 78 File: CBL.CBLI.HELP.HTML(WINXCBLV)



```
-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|. . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .8. . . . .9. . . . .10. . . . .11
.cblv *** CBLVCAT Interactive (VCI) Demo ***
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter.
<cbl v listvcat ref=usercat.cblcat

<e cbl.vvc.ctl(iali01) | Edit data set containing CBLV statements.
<cbl v < cbl.vvc.ctl(iali01) | Run VCI with input control statements from data set.

** Display all data sets with hlq CBL that possess SMS Extended attributes **
<!cbl v opt linespace=2 pw=100 novol !report vcat dsn 28 ext 15 sms type !listcat key=cbl. ext

** Display the 20 largest available extents across all CBL volumes **
<!cbl v report vtoc volume sortd alloc start
listvtoc vol=cbl* summary freetab stopaft 20 merge

** Report of all VSAM entries in 3 product user catalogs sorted by number of records **
<!cbl v opt pw=100 noindex novol
report vcat dsn 44 sortd nrecs catalog 30
listvcat ref=USERCAT.Z16.DB2V8 type=m merge
listvcat ref=USERCAT.Z16.WAS type=m merge
listvcat ref=USERCAT.Z16.PRODS type=m

** Combined VTOC and catalog report hlq NBJ **
<!cbl v report vcat defined 15 sort dsn 37 vol1 type
report vtoc created 15 sort dsn 37 volume 8 type cyl/hd recfm lrecl
listvcat key=NBJ. noalias noindex merge
listvtoc vol=cblm* key=NBJ. merge

** Tune a KSDS data set using actual average LRECL **
<c /nbj.cblidemo.v0000.ksds/_nbj.cblidemo.v0000.ksds/ /*`EndTUNE*/ * | Tailor DSN to be tuned.
<nomsg getavrl nbj.cblidemo.v0000.ksds | Get actual LRECL.

<c /avlrcl=2452/_avlrcl=2452/ /*`EndTUNE*/ * | Tailor Average LRECL.
<cbl v listcat key=nbj.cblidemo.v0000.ksds tune growth=0 avlrcl=2452 define

<ams repro indataset(nbj.cblidemo.v0000.ksds)
outdataset(nbj.cblidemo.v0000.ksds.tuned)

<cbl v listcat key=nbj.cblidemo.v0000.ksds linespace=4
*EndTUNE*
```

0000 000000 00

```

-CBLi
File Edit Actions Options Window Help Sv ToF BoF wS wR Pfx <>
-CBL.CMX(CBLIDEMO) 252 V PDS
-CBL.CMX(JGE2) 252 V PDS
Command>
|...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10...+...11
.cblv *** CBLVCAT Interactive (VCI) Demo *** 00023
<cbl v listvtoc vol=cblm05 free | Run VCI with input control statement as CLI parameter. 00024
<cbl v listvcat ref=usercat.cblcat 00025
00026
<e cbl.vvc.ctl(iall01) | Edit data set containing CBLV statements. 00027
<cbl v < cbl.vvc.ctl(iall01) | Run VCI with input control statements from data set. 00028
00029
Extended attributes ** 00030
28 ext 15 sms type !listcat key=cbl. ext 00031
00032
BL volumes ** 00033
merge 00034
00035
sorted by number of records ** 00036
00037
00038
00039
00040
00041
00042
00043
00044
00045
00046
00047
00048
type cyl/hd recfm lrecl 00049
x merge 00050
merge 00051
00052
00053
00054
*`EndTUNE*/ * | Tailor DSN to be tuned. 00055
| Get actual LRECL. 00056
00057
* | Tailor Average LRECL. 00058
growth=0 avlrecl=2452 define 00059
00060
00061
00062
00063
00064
00065
00066
ce=4
*EndTUNE*

```

Line=23 Col=1 Alt=0,0;0 Size=791 Recl=252 Fmt=V Files=2 Views=2

**Thank you for taking time to view this CBLVCAT Interactive presentation.**

Existing users of SELCOPY and/or CBLVCAT may download and install CBLi from the CBL web site at <http://www.cbl.com> without having to apply a password. (CBLi verifies a licence by checking successful execution of SELCOPY or CBLVCAT.)

For further information or if you have any questions regarding this demonstration, general CBLi usage or any CBL software, then please contact CBL on any of the following:

Tel: +44 (1656) 65 2222  
Fax: +44 (1656) 65 2227  
Eml: [support@cbl.com](mailto:support@cbl.com)

Replay the demonstration:

Acknowledgement:  
This presentation was generated using 'Wink' from Debugmode.  
(<http://www.debugmode.com>)