



This is the tutorial for the base feature of IBM File Manager for z/OS®, one of the IBM zSeries® Problem Determination tools.

- **How to view or edit using an unformatted display**

- How to view or edit a VSAM data set
- How to view or edit a QSAM (sequential) data set
- How to view or edit a PDS (library) data set

- **How to view or edit using a formatted display**

- How to view or edit a VSAM data set
- How to view or edit a QSAM (sequential) data set



- **How to change the way data is displayed**

- How to change the format displayed
- How to change the location displayed

In this section, you will learn how to edit or view a QSAM (sequential) data set using a formatted display.

## Option 1 displays the view entry panel



```
Process  Options  Help
-----
File Manager          Primary Option Menu
Command ==> 1 █

0 Settings      Set processing options      User ID . : TSS12
1 View          View data                   System ID : STLABF6
2 Edit          Edit data                   Appl ID  . : FMN
3 Utilities     Perform utility functions   Version . : 10.1.0
4 Tapes        Tape specific functions     Terminal. : 3278A
5 Disk/VSAM    Disk track and VSAM CI functions
6 OAM          Work with OAM objects       Screen.  . : 1
7 Templates    Template and copybook utilities
8 HFS          Access Hierarchical File System
9 WebSphere MQ List, view and edit MQ data
X Exit         Terminate File Manager

Date. . . : 2010/05/19
Time. . . : 03:15

F1=Help      F2=Split      F3=Exit      F4=CRetriev  F7=Backward  F8=
F9=Swap      F10=Actions   F12=Cancel

Enter
```

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From the File Manager main menu, Option 1 is View. Type 1 on the command line, and press Enter.

## The view entry panel is displayed



```
Process  Options  Help
-----
File Manager                               View Entry Panel
Command ==> █

Input Partitioned, Sequential or VSAM Data Set, or HFS file:
Data set/path name PROD.CUST1 +
Member . . . . . (Blank or pattern for member list)
Volume serial . . . . . (If not cataloged)
Start position . . . . . +
Record limit . . . . . Record sampling _

Copybook or Template:
Data set name . . ADLAB.COPYLIB
Member . . . . . CUST1 (Blank or pattern for member list)

Processing Options:
Copybook/template  Start position type  Enter "/" to select option
1 1. Above          - 1. Key              - Edit template _ Type (1,2,S)
  2. Previous        - 2. RBA             - Include only selected records
  3. None            - 3. Record number  - Binary mode, reclen 80
  4. Create dynamic

F1=Help   F2=Split   F3=Exit   F4=Expand   F7=Backward  F8=
F9=Swap   F10=Left  F11=Right F12=Cancel

Enter
```

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The view entry panel was displayed and the fields have been completed with input file and copybook library data set names and member names along with the processing option. Notice the input data set is a production file – a good reason to use view instead of edit. Press Enter.

## Use the Find command



```
Process  Options  Help
View      TSS12.PROD.CUST1
Command ==> f all anna #4
Top of 6929668
Record AT TOP
Format TABL
Scroll CSR

CUST-ID NAME          ACCT-BALANCE  ORDERS-YTD  ADDR
#3      #4          #5          #6 #7
AN 1:5  AN 6:17      PD 23:5     BI 28:2 AN 30:20
<--->  <---+---1--->  <---+---1>   <---> <---+---1--->
***** **** Top of data ****
0000001 01001  Lynn, Amanda          67.68          9 119 North Lake Road
0000002 02200  Graham, Anna          610.05         10 89 Clay Springs Rd
0000003 02202  Major, Art            1234.56         5 1512 Pine Bluff
0000004 03003  Prentice, Anna        0.00            7 33 Renshaw
0000005 03390  Deeds, Darren         74.00           3 649 Brown Street
0000006 05570  Parker, Ford          233.27          12 3039 Manning St.
0000007 06101  Early, Brighton      311.08          10 9662 Summit Road
0000008 06106  Lander, Annette      489.84           7 6127 Cedar Street
0000009 06711  Dubree, Dustin       192.98          11 9229 Delegate's Row
0000010 06900  Bacon, Chris P.      1001.01         0 1134 Rosetta
0000011 07008  Houston, Roger       296.97          10 4411 Northside Pkway
0000012 07044  Schauer, April       88.83           7 7331 Gulf Shore Dr
F1=Help  F2=Zoom  F3=Exit  F4=CRetrie v  F5=RFind  F6=
F7=Up    F8=Down  F9=Swap  F10=Left   F11=Right F12=
Enter
```

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The data is displayed at the top of a fairly large file. As a reminder, view gives you all the benefits of edit without having exclusive access to the file and changes are not allowed.

The find all command is being used to look for the string “anna” in column reference number 4 which is the name field only. Press Enter.

## Results from the Find command



207894 string(s) found

Process Options Help

---

View TSS12.PROD.CUST1 Scroll CSR

Command ==> Format TABL

Record AT TOP

CUST-ID	NAME	ACCT-BALANCE	ORDERS-YTD	ADDR
#3	#4	#5	#6	#7
AN 1:5	AN 6:17	PD 23:5	BI 28:2	AN 30:20
<--->	<---+---1--->	<---+---1>	<--->	<---+---1--->
***** **** Top of data ****				
0000001	01001 Lynn, Amanda	67.68	9	119 North Lake Road
0000002	02200 Graham, Anna	610.05	10	89 Clay Springs Rd
0000003	02202 Major, Art	1234.56	5	1512 Pine Bluff
0000004	03003 Prentice, Anna	0.00	7	33 Renshaw
0000005	03390 Deeds, Darren	74.00	3	649 Brown Street
0000006	05570 Parker, Ford	233.27	12	3039 Manning St.
0000007	06101 Early, Brighton	311.08	10	9662 Summit Road
0000008	06106 Lander, Annette	489.84	7	6127 Cedar Street
0000009	06711 Dubree, Dustin	192.98	11	9229 Delegate's Row
0000010	06900 Bacon, Chris P.	1001.01	0	1134 Rosetta
0000011	07008 Houston, Roger	296.97	10	4411 North Pkway
0000012	07044 Schauer, April	88.83	7	7331 Gulf Dr

F1=Help F2=Zoom F3=Exit F4=CRetrieval F5=RFind F6=Find F7=Up F8=Down F9=Swap F10=Left F11=Right F12=Cancel

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File Manager returned a count of all the occurrences of the string "anna". Press F3 twice to return to the primary option menu.

## Option 2 displays the edit entry panel



```
Process  Options  Help
-----
File Manager          Primary Option Menu
Command ==> 2
-----
0 Settings      Set processing options      User ID . : TSS12
1 View          View data                    System ID : STLABF6
2 Edit          Edit data                     Appl ID . : FMN
3 Utilities     Perform utility functions    Version . : 10.1.0
4 Tapes        Tape specific functions      Terminal. : 3278A
5 Disk/VSAM    Disk track and VSAM CI functions  Screen. . : 1
6 OAM          Work with OAM objects        Date. . . : 2010/05/18
7 Templates    Template and copybook utilities  Time. . . : 04:23
8 HFS          Access Hierarchical File System
9 WebSphere MQ List, view and edit MQ data
X Exit         Terminate File Manager

F1=Help      F2=Split    F3=Exit     F4=CRetriev  F7=Backward  F8
F9=Swap      F10=Actions F12=Cancel

Enter
```

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From the File Manager main menu, Option 2 is Edit. Type 2 on the command line, and press Enter.

## The edit entry panel was displayed



```
Process  Options  Help
-----
File Manager                      Edit Entry Panel
Command ==> █

Input Partitioned, Sequential or VSAM Data Set, or HFS file:
Data set/path name ADLAB.CUST1 +
Member . . . . . (Blank or pattern for member list)
Volume serial . . . . . (If not cataloged)
Start position . . . . . +
Record limit . . . . . Record sampling _
Inplace edit . . . . . (Prevent inserts and deletes)
Copybook or Template:
Data set name . . . . . ADLAB.COPYLIB
Member . . . . . CUST1 (Blank or pattern for member list)
Processing Options:
Copybook/template Start position type Enter "/" to select option
 1 1. Above          - 1. Key             - Edit template _ Type (1,2,S)
 2 2. Previous      - 2. RBA           - Include only selected records
 3 3. None          - 3. Record number - Binary mode, reclen 80
 4 4. Create dynamic -                - Create audit trail

F1=Help   F2=Split  F3=Exit   F4=Expand  F7=Backward  F8=
F9=Swap   F10=Left  F11=Right F12=Cancel

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```

The edit entry panel was displayed and the fields have been completed with input file and copybook library data set names and member names along with the processing option.



## Use the Change command



Edit TSS12.ADLAB.CUST1

Command ==> c all anna Anne #4 Enter

3/3 changed  
Scroll PAGE

CUST-ID	NAME	ACCT-BALANCE	ORDERS-YTD	ADDR
#3	#4	#5	#6	#7
AN 1:5	AN 6:17	PD 23:5	BI 28:2	AN 30:20
<--->	<---+---1---+>	<---+---1>	<---+>	<---+---1---+>
***** **** Top of data ****				
000001	01001 Lynn, Amanda	67.68	9	119 North Lake Road
000002	02200 Graham, Anne	610.05	10	89 Clay Springs Rd
000003	02202 Major, Art	1234.56	5	1512 Pine Bluff
000004	03003 Prentice, Anne	0.00	7	33 Renshaw
000005	03390 Deeds, Darren	74.00	3	649 Brown Street
000006	05570 Parker, Ford	233.27	12	3039 Manning St.
000007	06101 Early, Brighton	311.08	10	9662 Summit Road
000008	06106 Lander, Annette	489.84	7	6127 Cedar Street
000009	06711 Dubree, Dustin	192.98	11	9229 Delegate's Row
000010	06900 Bacon, Chris P.	1001.01	0	1134 Rosetta
000011	07008 Houston, Roger	296.97	10	4411 North kway
000012	07044 Schauer, April	88.83	7	7331 Gulf Dr

F1=Help F2=Zoom F3=Exit F4=CRetrieval F5=RFind F6=Find F7=Up F8=Down F9=Swap F10=Left F11=Right F12=Ca

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All the occurrences of the string “anna” were changed to “Anne” in column reference number 4 which is the name field. The changed records are highlighted with a different color..

Press F3 twice to return the primary option menu.

That is the end of this section, which described How to view or edit a QSAM (sequential) data set using a formatted display.

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