

Features included in this test script for File-Aid MVS are:-

- Edit/Browse dataset in formatted mode
- Ability to browse/edit dataset with multiple layouts by creating XREFs
- Dataset utilities, include allocating GDGs
- View/Print the copybook layout with start and end position and the length of the field
- Ability to Reformat the file from one layout to another
- Ability to compare two datasets

Enter **F;FA** to get into the FILE-AID for MVS session, **Primary Option Menu** screen.

```
File-AID 8.0.1 ----- Primary Option Menu -----
OPTION ==>

 0 PARAMETERS - Specify ISPF and File-AID parameters      USERID   - WELZ492
 1 BROWSE     - Display file contents                      PF KEYS  - 24
 2 EDIT       - Create or change file contents            TERMINAL - 3278
 3 UTILITIES  - File-AID/SPF extended utilities           TIME     - 15:00
 5 PRINT      - Print file contents                        JULIAN   - 98.112
 6 SELECTION  - Create or change selection criteria        DATE     - 98/04/22
 7 XREF       - Create or change record layout cross reference
 8 VIEW       - View interpreted record layout
 9 REFORMAT   - Convert file from one format to another
10 COMPARE    - Compare file contents
 C CHANGES   - Display summary of File-AID changes
 T TUTORIAL   - Display information about File-AID
 X EXIT       - Terminate File-AID and return to ISPF

      Use END to terminate File-AID

      See File-AID/MVS Frequently Asked Questions at:  www.compuware.com/fafaq/
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```

OPTION 1 - Browse the dataset from the **Primary Options Menu**

Enter the fields as shown on the screen display.

```
File-AID ----- Browse - Dataset Specification -----
COMMAND ==>

Browse Mode                ==> F          (F=Formatted; C=Char; V=Vertical)

Specify Browse Information:
Browse dataset name        ==> 'DSS8.FSP.V13.M548A.DCPSF'
Member name                ==>           (Blank or pattern for member list)
Volume serial              ==>           (If dataset is not cataloged)

Specify Record Layout and XREF Information:
Record layout usage        ==> S          (S = Single; X = XREF; N = None)
Record layout dataset      ==> 'STA.SRCMAST.LIBR'
Member name                ==> FSPX4040 (Blank or pattern for member list)
XREF dataset name          ==>
Member name                ==>           (Blank or pattern for member list)

Specify Selection Criteria Information: (E = Existing; T = Temporary;
Selection criteria usage   ==> N          M = Modify; Q = Quick; N = None)
Selection dataset name     ==>
Member name                ==>           (Blank or pattern for member list)
```

Press Enter;

File-Aid for MVS

```
File-AID - Browse - DSS8.FSP.V13.M548A.DCPSF ----- COL 1 85
COMMAND ==>
RECORD: 1 FSPX4040 SCROLL ==> CSR
LENGTH: 85
---- FIELD LEVEL/NAME ----- -FORMAT- -----+-----1-----+-----2-----+-----3-----+-----4-----
3 REG-KEY-C440 SYNC 40/GRP
5 KEY-ISS-SITE-C440 4/NUM 109
5 KEY-HHLD-SSN-C440 9/NUM 331841111
5 KEY-HHLD-NO-C440 9/NUM 800619758
5 KEY-ENTIT-CT-C440 4/NUM 9805
5 KEY-ISS-TYP-C440 2/NUM 1
5 KEY-ISS-RET-DT-C440 6/NUM 0
5 KEY-CREAT-DT-C440 SYNC 6/GRP
7 KEY-CR-YR-C440 2/NUM 98
7 KEY-CR-MO-C440 2/NUM 4
7 KEY-CR-DA-C440 2/NUM 28
3 HHLD-NAME-C440 SYNC 30/GRP
5 HHLD-LAST-C440 19/AN FEVER
5 HHLD-FIRST-C440 10/AN DISCO
5 HHLD-MI-C440 1/AN
3 ISS-MODE-C440 1/AN 0
3 ISS-AMOUNT-C440 DISPLAY 0022D
5/SNUM 224
3 AGGR-IND-C440 1/AN
3 FILLER01 8/AN
***** BOTTOM OF DATA *****
```

Type **char** on the **COMMAND** line and Press enter; to view the contents in character mode as below

```
File-AID - Browse - DSS8.FSP.V13.M548A.DCPSF ----- LINE 0000 COL 1 80
COMMAND ==>
***** TOP OF DATA ***** SCROLL ==> CSR
*****-CAPS OFF-*
0109331841111800619758980501000000980428FEVER DISCO 00022D
0067310608022802571226980501000000980428MCREYNOLDS RALPH M0028I
0109507807907802796217980501000000980428BUNNY BENJAMIN M0011B
0109331209003804933472980501000000980428PENN SHANELLE M0027C
0109331201008805783147980501000000980428LINCOLN SHAWNA M0029{
0109003450101808454641980501000000980428WRIGHT MIKE 00012B
0109507023949808684737980501000000980428GRECO SHAWN M0031{
0109052319701810926930980501000000980428RUSTLE RETRO 00001{
0055789009999814309897980501000000980428HARRIS GEORGE 00012B
0109209001212816322080980501000000980428WATSON CINDY 00012B
0109005606565817133778980401000000980327KELLY JOHNSON 00012BA
0109451778888817607937980501000000980428JOE CALCUTTA 00021C
0109080112222818598776980401000000980326SILLESON LUETTA 00012BA
0109505991111818899011980501000000980428SAMSONITE CONNOR 00001{
0109505991111818899011980401980415980415SAMSONITE CONNOR 00000{
```

Type **VFMT** on the **COMMAND** line, to view the contents in vertical format mode as below,

```
File-AID - Browse - DSS8.FSP.V13.M548A.DCPSF ----- LINE 0000 COL 1 26
COMMAND ==>
KEY-ISS-SITE-C440 KEY-HHLD-SSN-C440 KEY-HHLD-NO-C440 KEY-ENTIT-CT-C440
4/NUM 9/NUM 9/NUM 4/NUM
(1-4) (5-13) (14-22) (23-26)
2----- 3----- 4----- 5-----
***** TOP OF DATA ***** SCROLL ==> CSR
*****-CAPS OFF-*
109 331841111 800619758 9805
67 310608022 802571226 9805
109 507807907 802796217 9805
109 331209003 804933472 9805
109 331201008 805783147 9805
109 3450101 808454641 9805
109 507023949 808684737 9805
109 52319701 810926930 9805
55 789009999 814309897 9805
109 209001212 816322080 9805
109 5606565 817133778 9804
109 451778888 817607937 9805
109 80112222 818598776 9804
109 505991111 818899011 9805
```

Type **FMT** to go back to formatted mode. Type **SHOW NUMBER** to view the field numbers instead of level numbers.

```
File-AID - Browse - DSS8.FSP.V13.M548A.DCPSF ----- COL 1 85
COMMAND ==>
RECORD: 1 FSPX4040 SCROLL ==> CSR
LENGTH: 85
----- FIELD NUMBER/NAME ----- -FORMAT- -----+-----1-----+-----2-----+-----3-----+-----4
1 REG-KEY-C440 SYNC 40/GRP
2 KEY-ISS-SITE-C440 4/NUM 109
3 KEY-HHLD-SSN-C440 9/NUM 331841111
4 KEY-HHLD-NO-C440 9/NUM 800619758
5 KEY-ENTIT-CT-C440 4/NUM 9805
6 KEY-ISS-TYP-C440 2/NUM 1
7 KEY-ISS-RET-DT-C440 6/NUM 0
8 KEY-CREAT-DT-C440 SYNC 6/GRP
9 KEY-CR-YR-C440 2/NUM 98
10 KEY-CR-MO-C440 2/NUM 4
11 KEY-CR-DA-C440 2/NUM 28
12 HHLD-NAME-C440 SYNC 30/GRP
13 HHLD-LAST-C440 19/AN FEVER
14 HHLD-FIRST-C440 10/AN DISCO
15 HHLD-MI-C440 1/AN
16 ISS-MODE-C440 1/AN 0
17 ISS-AMOUNT-C440 DISPLAY 0022D
5/SNUM 224
18 AGGR-IND-C440 1/AN
19 FILLER01 8/AN
***** BOTTOM OF DATA *****
```

To hide the fields 12,13,14,15 from displaying, type **DISPLAY OFF 12-15** on the *COMMAND* line.

```
File-AID - Browse - DSS8.FSP.V13.M548A.DCPSF ----- COL 1 85
COMMAND ==>
RECORD: 1 FSPX4040 SCROLL ==> CSR
LENGTH: 85
----- FIELD NUMBER/NAME ----- -FORMAT- -----+-----1-----+-----2-----+-----3-----+-----4
***** TOP OF DATA *****
1 REG-KEY-C440 SYNC 40/GRP
2 KEY-ISS-SITE-C440 4/NUM 109
3 KEY-HHLD-SSN-C440 9/NUM 331841111
4 KEY-HHLD-NO-C440 9/NUM 800619758
5 KEY-ENTIT-CT-C440 4/NUM 9805
6 KEY-ISS-TYP-C440 2/NUM 1
7 KEY-ISS-RET-DT-C440 6/NUM 0
8 KEY-CREAT-DT-C440 SYNC 6/GRP
9 KEY-CR-YR-C440 2/NUM 98
10 KEY-CR-MO-C440 2/NUM 4
11 KEY-CR-DA-C440 2/NUM 28
16 ISS-MODE-C440 1/AN 0
17 ISS-AMOUNT-C440 DISPLAY 0022D
5/SNUM 224
18 AGGR-IND-C440 1/AN
19 FILLER01 8/AN
***** BOTTOM OF DATA *****
```

To reset and to display all the fields type the command **DISPLAY ON ALL** on *COMMAND* line.

OPTION 2 - Edit the dataset from the **Primary Options Menu**

This feature is similar to the previous option and also with insert,update and delete facility. After entering the details on the screens similar to the browse option, the edit screen will look like below. If you want to delete the current record, type **DELETE** on the *COMMAND* line as below. If you want to change the values change the values and type **SAVE** on the *COMMAND* line.

```

File-AID - Edit - CSS8.V7F.BDE7.M6000.TWO.DTPSF ----- COLUMNS 00001 00091
COMMAND ==> delete                                SCROLL ==> CSR
RECORD: 1                                          SVES0001                                LENGTH: 137
----- FIELD NUMBER/NAME ----- -FORMAT- -----1-----2-----3-----4
1 INDIVIDUAL-SSN-1                          9/NUM 2052
2 CLAIM-ACCOUNT-NUMBER-1                    9/NUM X'404040404040404040'
3 BENEFICIARY-ID-CODE-1                     3/AN
4 NAME-1 SYNC                               32/GRP
5 LAST-NAME-1                              19/AN MAPP
6 MI-1                                       1/AN M
7 FIRST-NAME-1                              12/AN DREDEIJON
8 DOB-1 SYNC                                8/GRP
9 DOB-MONTH-1                               2/NUM 1
10 DOB-DAY-1                                2/NUM 20
11 DOB-CENTURY-1                            2/NUM 19
12 DOB-YEAR-1                               2/NUM 94
13 SEX-1                                     1/AN M
14 TITLE-II-REQUEST-1                       1/AN R
15 TITLE-XVI-REQUEST-1                     1/AN I
16 STATE-AGENCY-CODE-1                     3/NUM 28
17 ASSISTANCE-CODE-1                        1/AN
18 STATE-COMMUNICATION-CODE-1              3/AN BDA
19 EXCHANGE-REQUEST-DATA-1 SYNC            40/GRP
                                           9/NUM 2052
20 SSN-1                                    2/NUM X'4040'
21 ID-1                                     2/NUM
    
```

In character mode, the records can be deleted similar to the ISPF edit. Type **CHAR** on the *COMMAND* line to go to character mode.

```

File-AID - Edit - CSS8.V7F.BDE7.M6000.TWO.DTPSF ----- COLUMNS 00001 00072
COMMAND ==>                                SCROLL ==> CSR
***** TOP OF DATA *****-CAPS ON-***
DD0001 000002052 MAPP MDREDEIJON 01201994MRI028 BDA0
000002 000773740 MAPP SEANTAL 11111989FRI028 BDA0
000003 065807659 HERRING PCLAUDINE 09081989FRI028 BDA0
000004 443962820 HUNT SLARHONDA 11221988FRI028 BDA4
000005 448682810 CARLAND JCAMILIA 04121961FRI028 BDA4
000006 505195957 COLLIERS MSEVILLE 07201987MRI028 BDA5
000007 505378393 SAWYER RANESSA 10021996FRI028 BDA5
000008 507020081 MERICA LRICKY 10031976MRI028 BDA5
000009 508082464 COLLIERS RTYLA 03081983FRI028 BDA5
DD0010 508298200 HERRING DPATRICK 11221991MRI028 BDA5
    
```

OPTION 3 - Utilities from the **Primary Options Menu** takes you to **Extended Utilities** Screen

```

File-AID ----- Extended Utilities -----
OPTION ==>

1 LIBRARY - Display and modify directory entries; display load
           module CSECT maps; browse, delete, rename PDS members
2 DATASET - Display dataset information; allocate non-VSAM datasets
           and GDGs; catalog, uncatalog, delete, or rename datasets
3 COPY - Copy entire datasets; copy selected records; copy PDS
         members based on name, statistics and/or content
4 CATALOG - Display generic catalog entries or VSAM datasets on a
           volume in list form and do dataset list processing
5 VSAM - Allocate, display, delete, modify, or rename VSAM clusters,
         alternate indexes, or paths; manage IAM files
6 SEARCH/UPDATE - FIND and CHANGE across PDS members. Search for and/or
                 update data globally in any type of dataset.
7 VTDC - Display and process datasets on a volume(s)

8 INTERACTIVE - Execute File-AID/Batch
9 BATCH SUBMIT - Build batch jobstreams

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```

Option 1 of **Extended Utilities** menu displays the link edit attributes, libraries & compile dates for a specific load library member.

```
File-AID ----- Library Utility -----
OPTION ==>

  A - Map CSECTs in address order          B - Browse member
  N - Map CSECTs in name order            D - Delete member
  S - Display directory entry of member    R - Rename member
  BLANK - Display member list

Dataset name ==> 'TPD.BAT.LOADLIB'
Member name ==>
New name ==>
Volume serial ==>          (If not cataloged)
Disposition ==> SHR        (SHR or OLD)
```

Enter, will list the PDS members. Select the required member and type **A** on the line command,

```
File-AID Library Utility - TPD.BAT.LOADLIB ----- ROW 2,276 TO 2,314 OF 7,634
COMMAND ==>
Name      Rename      Size      TTR      Alias-of AC      EP      R/M A/M Attributes
A FSP230          004088 019F0A
FSP235          01CE40 271014
FSP240          0069E0 222F0D
FSP250          009260 131C05
FSP253          00AC50 08EA11
FSP261          002D30 090C0A
FSP265          00EAD8 131F05
FSP266          003EC0 048D0B
00 0010BC 24 24 FO
00 0011CA 24 24 FO
00 000000 24 24 FO
00 000000 24 24 FO
00 0007E6 24 24 FO
00 000000 24 24 FO
00 000000 24 24 FO
00 000000 24 24 FO
```

The linked libraries along with compiled date are displayed.

```
File-AID ADDRESS List of TPD.BAT.LOADLIB(FSP230) ----- FUNCTION COMPLETED
COMMAND ==>
FSP230 was linked on 1987/05/05 by LINKXA
- Symbol - Type ADDR Length Tname 1 Tdate 1 Tname 2 Tdate 2 A/R mode
-----
FSP230 SD 00000 1918 VS COBOL 87/05/05 24/ 24
DLITCBL LD 010BC
ILBOPRM SD 01918 532 ASM XF 79/08/21 24/ 24
ZAPS 80/02/25-NO IDENT
ILBOPRM0 LD 0191A
DFSLI000 SD 01E50 98 ASM XF 80/11/12 24/ 24
IDENT 80/11/12 RSI03170004
DFSPLI LD 01E58
PLITDLI LD 01E58
DFSCOBOL LD 01E7C
CBLTDLI LD 01E7C
FORTDLI LD 01EA0
DFSFOR LD 01EA0
ASMTDLI LD 01EC4
DFSASM LD 01EC4
ILBOCOM0 SD 01EE8 169 ASM XF 79/08/24 24/ 24
ILBOCOM LD 01EE8
ILBODSP SD 02058 A08 ASM XF 79/08/24 24/ 24
ILBODSS0 LD 0205A
ILBODSP0 LD 0205A
ILBOEXT SD 02A60 68 ASM XF 79/08/24 24/ 24
ILBOEXT0 LD 02A62
ILBOEXT1 LD 02A66
ILBOQIO SD 02AC8 76C ASM XF 79/09/27 24/ 24
ZAPS 80/07/25-NO IDENT
```

Type **S** in the line command to display as the attributes of the dataset.

```

File-AID ----- Directory Information -----
COMMAND ===>

Dataset: TPD.BAT.LOADLIB(FSP230)                                TTR 019F0A
----- Directory entry in HEX format -----
Char  FSP230 .....B. H.....H.....
Zone  CEDFFF440902091000000C0483301B800000
Numr  627230001FAC1F200000220082800C802100
      .....5.....1.....5.....2.....5.....3.....5.

SSI:
----- Link edit attributes -----
EP      0010BC      SIZE (HEX) 004088      (DEC) 16,520
RENT    NO          OVLY              NO          SCTR              NO
REUS    NO          DC                NO          NE                NO
REFR    NO          EP ZERO          NO          ZERO ORIGIN      YES
OL      NO          TEST             NO          TEST SYMBOLS     NO
EXEC    YES         RLD              YES         1 BLOCK/NO RLD  NO
RMODE   24          PAGE ALIGN      NO          APF CODE         000
AMODE   24

Use END to return to directory menu

```

Option 2 : from the **Extended Utilities** screen

Similar to the ISPF dataset utility and also has additional features like defining the GDGs, Free unused space. Below is the **Dataset utility** when you select option 3.2 .

```

File-AID ----- Dataset Utility -----
OPTION ===>

A - Allocate SEQ/PDS dataset          D - Delete dataset
B - Allocate BDAM dataset             R - Rename dataset
C - Catalog dataset                  U - Uncatalog dataset
I - Allocate ISAM dataset            F - Free unused space
G - Define generation data group      S - Dataset information (short)
M - Enhanced dataset allocation (SMS) BLANK - Display dataset information

Specify Dataset Information:
Dataset name    ===>
Volume serial   ===>          (If not cataloged)

Specify Model Dataset Information:
Dataset name    ===>

Specify Catalog to use if other than Default System Catalog:
Catalog name    ===>
Catalog password ===>          (If catalog is password protected)
-----
For dataset allocations only, the optional model dataset is used to
prefill the allocation information on the allocation panel. This
dataset is not mandatory for dataset allocations.

```

Type the name of the GDG to be defined, in the field and type **G** on the **COMMAND** line.

```

File-AID ----- Dataset Utility -----
OPTION ==> G

A - Allocate SEQ/PDS dataset          D - Delete dataset
B - Allocate BDAM dataset             R - Rename dataset
C - Catalog dataset                  U - Uncatalog dataset
I - Allocate ISAM dataset            F - Free unused space
G - Define generation data group      S - Dataset information (short)
M - Enhanced dataset allocation (SMS) BLANK - Display dataset information

Specify Dataset Information:
Dataset name      ==> 'CSS8.V7F.TEST.GDG.DTPSF'
Volume serial    ==>                (If not cataloged)

Specify Model Dataset Information:
Dataset name      ==>

Specify Catalog to use if other than Default System Catalog:
Catalog name     ==>
Catalog password ==>                (If catalog is password protected)
-----
For dataset allocations only, the optional model dataset is used to
prefill the allocation information on the allocation panel. This
dataset is not mandatory for dataset allocations.
    
```

Enter.

```

File-AID ----- Define New Generation Data Group -----
COMMAND ==>

GDG base dataset name: CSS8.V7F.TEST.GDG.DTPSF
GDG dataset limit      ==> 0          (Maximum number of generations, 1-255)

Specify Optional Parameters:
  Owner ID              ==> WELZ492   (Defaults to TSO USERID)
  Expiration date      ==>           (Blank; YYYY/MM/DD; or
                                     number of days 0 - 1830)
  Uncatalog options    ==> 1         (1 = Uncatalog oldest when limit reached
                                     NOEMPTY;
                                     2 = Uncatalog all when limit is reached
                                     EMPTY)
  Scratch options      ==> 1         (1 = Scratch dataset when uncataloged
                                     SCRATCH;
                                     2 = Do not scratch dataset
                                     NOSCRATCH)
    
```

Change the required names and press Enter. Message **GDG BASE ALLOCATED** would be displayed. Similarly other options like Renaming, Deleting, Listing the dataset information can also be used.

Option 5: Allocating VSAM clusters from the **Extended Utilities** screen

Provides the facility to allocate VSAM clusters in on-line or batch.

```

File-AID ----- VSAM Utility -----
OPTION ===>

A - Allocate cluster
S - Allocate dataspace
X - Allocate alternate index
B - Build alternate index
BLANK - Display dataset information

D - Delete
DR - Delete/Define
T - Delete dataspace
P - Allocate path
R - Rename component
M - Modify component

Specify Dataset Information:
Dataset name ===>
Volume serial ===> (Required for options S & T)

Process Online or Batch ===> 0 (0 = Online; B = Batch)

Specify Model Dataset Information:
Dataset name ===>

Specify Catalog to use if other than Default System Catalog:
Catalog name ===>
Catalog password ===> (If catalog is password protected)
-----
For dataset allocations only, the optional model dataset is used to
prefill the allocation information on the allocation panel.

```

Optionally an existing dataset name can be mentioned as the Model dataset name to allocate the new VSAM cluster same as the model dataset. Two screens are available to define the allocation attributes,

```

File-AID ----- ' Allocate New VSAM Cluster ' -----
COMMAND ===>
Component names:
Cluster: 'CSS8.V7F.TEST.VSAM'
Data component ===> 'CSS8.V7F.TEST.VSAM.DATA'
Index component ===> 'CSS8.V7F.TEST.VSAM.INDEX'
Dataset type ===> ESDS (KSDS; ESDS; RRDS; LINEAR)
Owner ID ===>
Specify SMS Class Information:
Storage ===> Data ===> Management ===>

Space Allocation: DATA Component KSDS INDEX Component (Blank for default)
Volume serial ===> 339199 ===>
Units ===> CYLS ===> (TRKs; CYLs; RECs; K; M)
Primary ===> 1 ===> 0 (Amount in above units)
Secondary ===> 5 ===> 0 (Amount in above units)
Reuseable ===> NO (Y = Yes; N = No)
Key length ===> 0 (1 - 255 - Required for KSDS only)
Key position ===> 0 (0 - maximum record - KSDS only)
Average Recordsize ===> 80 (Not allowed for LINEAR)
Maximum Recordsize ===> 27920 (Not allowed for LINEAR)
Expiration date ===> (YYYY/MM/DD or blank)
Extended allocate ===> YES (Y = Yes; N = No)

```

```
File-AID ----- Allocate VSAM Cluster (continued) -----
COMMAND ==>
Control Interval - percent free ==> 0          Data C/I size ==> 8192
Control Area   - percent free ==> 0          Index C/I size ==> 0
                                           Buffer space  ==> 36864
Specify Allocation Options:
  Region share option      ==> 2          (1; 2; 3; 4)
  System share option      ==> 3          (3; 4)
  Write check              ==> NO        (Y = Yes; N = No)
  Erase on delete          ==> NO        (Y = Yes; N = No)
  Imbedded index           ==> NO        (Y = Yes; N = No)
  Replicated index         ==> NO        (Y = Yes; N = No)
  Load option              ==> SPEED    (S = Speed; R = Recovery)
  Spanned records          ==> NO        (Y = Yes; N = No)
Specify Mass Storage Options:
  Stage option             ==> STAGE     (S = Stage; B = Bind;
                                           C = Cylinder Fault)
  Destage wait             ==> NO        (Y = Yes; N = No)
```

Option 6: Search update utility from the **Extended Utilities** screen

Fill up the values in the fields, on the panel displayed and choose the option **M**.
Press Enter;Enter

```
File-AID ----- Search/Update Utility -----
OPTION ==> M
M Member - PDS Find/Change and Member list processing
B Browse - Browse globally
U Update - Preview and Update globally
Specify Search/Update Dataset Information:
  Dataset name ==> 'CSS8.V7F.CNTL'
  Disposition  ==> SHR          (OLD or SHR)
  Volume serial ==>             (If not cataloged)
Process online or batch ==> 0    (O = Online; B = Batch)
Specify Execution Information:
  Create audit trail ==> N        (Option U online)
  Preview and confirm update ==> Y (Y = Yes; N = No)
  Maximum changes ==> ALL        (Y = Yes; N = No)
  (All or number of changes)
Specify Selection Criteria Information:
  Selection criteria usage ==> N   (Options M and B)
  (Existing; Temp; Mod; Quick; None)
  Selection dataset name ==>
  Member name ==>              (Blank or pattern for member list)
```

```
File-AID - PDS Find/Change - CSS8.V7F.CNTL ----- ROW 1 TO 35 OF 65
COMMAND ==>
Use FIND or CHANGE command to process across the following members.
(Omit FIND/CHANGE operands for a prompt panel.)
Use RESET command to get a full member list.
Use E, S, B or X line commands to Edit, Browse or eXclude members.
-----
S  NAME                VV.MM  CREATED      CHANGED      SIZE  INIT  MOD  ID
  ADDVER
  ANACOPY
  AUTHBAK
  AUTHBAK1
  AUTHBAK2
  AWPRLBK
  BATREXX              01.00  98/03/25  98/03/25  11:51    11    11    0  WELZ492
  BUFFPOOL
  BUFFPOOL1
  CLUSDEL
  COMPNLY              01.04  97/03/27  98/03/17  08:43    80    80    0  WELZ492
```

List of members will be listed, type **F** text1. (Eg., F JOB)

```

BROWSE -- WELZ492.FILEAID.WF.D98105.T140714 ----- LINE 00000000 COL 001 080
COMMAND ==>
FA223- Records read = 12552, selected = 23, error records skipped = 0
==>CSS8.V7F.CNTL OPENED AS PO,RECFM=FB,LRECL=80,BLKSIZE=27920,VOL=339210
*****MEMBER ADDVER *****
//WELZ492C JOB '266011-3-90492-264063', 'MURALI',
*****MEMBER AUTHBAK *****
//WELZ492B JOB '266011-3-90492-264065', 'MURALI',
*****MEMBER AUTHBAK1*****
//WELZ492B JOB '266011-3-90492-264065', 'MURALI',NOTIFY=WELZ492,
*****MEMBER AUTHBAK2*****
//WELZ492B JOB '266011-3-90492-264065', 'MURALI',NOTIFY=WELZ492,
*****MEMBER CLUDEL *****
    
```

The member name and the result of the find criteria are displayed as above. Similarly by using the change command a global change can be done.

Option 7: XREF

I Records associated with multiple layouts

PAE0.C3000, is a complicated dataset. In this, the data records are associated with different layouts. The copybook to be identified is depend on the value of a particular position within each data record. Following are the values and the respective copybooks.

Value	Copybook
0010	PAEC3010
0030	PAEC3030
0050	PAEC3050
0060	PAEC3060
0070	PAEC3070

a) *To create a XREF member for the above*

From the **Primary Options Menu**, select option 7,

```

File-AID 8.0.1 ----- Primary Option Menu -----
OPTION ==> 7

 0 PARAMETERS - Specify ISPF and File-AID parameters      USERID - WELZ492
 1 BROWSE     - Display file contents                      PF KEYS - 24
 2 EDIT      - Create or change file contents            TERMINAL - 3278
 3 UTILITIES - File-AID/SPF extended utilities          TIME    - 11:15
 5 PRINT     - Print file contents                       JULIAN  - 98,089
 6 SELECTION - Create or change selection criteria       DATE    - 98/03/30
 7 XREF      - Create or change record layout cross reference
 8 VIEW     - View interpreted record layout
 9 REFORMAT - Convert file from one format to another
10 COMPARE  - Compare file contents
 C CHANGES - Display summary of File-AID changes
 T TUTORIAL - Display information about File-AID
 X EXIT     - Terminate File-AID and return to ISPF

    Use END to terminate File-AID

    See File-AID/MVS Frequently Asked Questions at: www.compuware.com/fafaq/
    Copyright (c) 1982,1996, an unpublished work by Compuware Corporation.
    All Rights Reserved.
    
```

Fill the values in the fields as given in the example screen below and press Enter.


```
File-AID ----- Define XREF - PAEC3000 ----- ROW 1 TO 20 OF 20
COMMAND ==> SCROLL ==> PAGE

Member list description ==> _____
      Long      ==> _____
Description ==> _____

Generated filler length ==> 0      (0 to suppress filler)

Cmd   Member      Beginning Data Name      Description      Status
-----
s_   PAEC3010     PAEC3010                _____      DEFAULT BASE
    PAEC3030     PAEC3030                _____      DEFAULT BASE
    PAEC3050     PAEC3050                _____      DEFAULT BASE
    PAEC3060     PAEC3060                _____      DEFAULT BASE
    PAEC3070     PAEC3070                _____      DEFAULT BASE
```

Pressing enter will put in the below screen, enter the data shown in the screen, and press **PF3**

```
File-AID --- Formatted XREF Definition -----
COMMAND ==> SCROLL ==> CSR
SC010- Valid commands are: INSERT, DELETE, REPEAT, FWD, BACK, CANCEL, PROFILE
----- FIELD LEVEL/NAME ----- -FORMAT- RO -----1-----2-----3-----+-----
***** TOP OF DATA *****
5 REC-LEN-C3010 SYNC                2/BIS
5 KEY-C3010 SYNC                    43/GRP
  10 RECORD-TYPE-C3010              4/NUM = 0010
  10 CASE-NUM-C3010                 9/NUM
  10 ELIG-CODES-C3010 SYNC          10/GRP
    15 FILLER                       6/NUM
    15 ELIG-CODE-C3010              4/NUM
  10 FILLER                         10/NUM
  10 FILLER                         10/NUM
5 ADD-INDICATOR-C3010              1/AN
5 ELIG-CODES-C3010 SYNC            5/GRP
  10 TYPE-C3010                    2/NUM
  10 CODE-C3010                    2/NUM
  10 FILLER                        1/NUM
5 ELIG-CODE4-C3010-R REDEFINES ELIG-CODES-C3010
5 ELIG-CODE4-C3010-R SYNC          5/GRP
  10 ELIG-CODES4-C3010             4/NUM
  10 FILLER                        1/AN
5 FILLER                          1/AN
```

To enter the values in unformatted mode,

```
File-AID ----- Define XREF - PAEC3000 ----- ROW 1 TO 20 OF 20
COMMAND ==> SCROLL ==> PAGE

Member list description ==> _____
      Long      ==> _____
Description ==> _____

Generated filler length ==> 0      (0 to suppress filler)

Cmd   Member      Beginning Data Name      Description      Status
-----
    PAEC3010     PAEC3010                _____      BASE
    PAEC3030     PAEC3030                _____      BASE
su_  PAEC3050     PAEC3050                _____      DEFAULT BASE
    PAEC3060     PAEC3060                _____      DEFAULT BASE
    PAEC3070     PAEC3070                _____      DEFAULT BASE
```

Press enter and type the values as shown,

```
File-AID ----- Unformatted XREF Definition LAYOUTS HAVE BEEN LOADED
COMMAND ==> SCROLL ==> PAGE

Use END to continue, CANCEL to return to main screen.

Record Layout Member: PAEC3050
Beginning Data Name: PAEC3050

  AND
Cmd /OR Position Length RO Data Value
-----
  AND      3      4    EQ 0050
  AND
  AND
  AND
  AND
  AND
  AND
  AND
```

Similarly type the values for the rest.

```
File-AID ----- Define XREF - PAEC3000 ----- ROW 1 TO 5 OF 5
COMMAND ==> SCROLL ==> PAGE
XR105-Valid line CMDS: C/M, B/A, I, R, D, EX, S, SF, SU, BAS, SEG
Member list description ==> WORK ORDER MULTIPLE LAYOUTS___

  Long      ==>
Description ==>

Generated filler length ==> 0      (0 to suppress filler)

Cmd  Member      Beginning Data Name      Description      Status
-----
  PAEC3010      PAEC3010
  PAEC3030      PAEC3030
  PAEC3050      PAEC3050
  PAEC3060      PAEC3060
  PAEC3070      PAEC3070
***** END OF SELECTION CRITERIA *****
```

SAVE & go back to the FILE-AID MVS Primary Option panel.

b) To VIEW the details of the record using the above XREF

From the **Primary Options Menu**, select option **1** to browse.

```
File-AID ----- Browse - Dataset Specification -----
COMMAND ==>

Browse Mode      ==> F      (F=Formatted; C=Char; V=Vertical)

Specify Browse Information:
Browse dataset name ==> 'CSS4.PAE13.C3000.DTVSK'
Member name      ==>      (Blank or pattern for member list)
Volume serial    ==>      (If dataset is not cataloged)

Specify Record Layout and XREF Information:
Record layout usage ==> X      (S = Single; X = XREF; N = None)
Record layout dataset ==> 'PRD.COPYLIB.DATA'
Member name      ==>      (Blank or pattern for member list)
XREF dataset name ==> 'AWP7.TEST.FAAID.XREF'
Member name      ==> PAEC3000 (Blank or pattern for member list)

Specify Selection Criteria Information:
Selection criteria usage ==> N      (E = Existing; T = Temporary;
M = Modify; Q = Quick; N = None)
Selection dataset name ==>
Member name      ==>      (Blank or pattern for member list)
```

The browse dataset is an example, you would require to replace it with yours. Press enter,

```
File-AID - Browse - CSS4.PAE13.C3000.DTVSK ----- COL 1 73
COMMAND ==>                                     SCROLL ==> CSR
                                                LENGTH: 346
----- FIELD LEVEL/NAME ----- -FORMAT- -----+-----1-----+-----2-----+-----3-----+-----4
5 REC-LEN-C3010 SYNC                2/BIS 346
5 KEY-C3010 SYNC                    43/GRP
  10 RECORD-TYPE-C3010              4/NUM 10
  10 CASE-NUM-C3010                 9/NUM 4710
  10 ELIG-CODES-C3010 SYNC          10/GRP
    15 FILLER                       6/NUM 0
    15 ELIG-CODE-C3010              4/NUM 6055
  10 FILLER                         10/NUM 0
  10 FILLER                         10/NUM 0
5 ADD-INDICATOR-C3010              1/AN N
5 ELIG-CODES-C3010 SYNC            5/GRP
  10 TYPE-C3010                    2/NUM 60
  10 CODE-C3010                    2/NUM 55
  10 FILLER                        1/NUM 0
5 ELIG-CODE4-C3010-R REDEFINES ELIG-CODES-C3010
5 ELIG-CODE4-C3010-R SYNC          5/GRP
  10 ELIG-CODES4-C3010             4/NUM 6055
  10 FILLER                        1/AN 0
5 FILLER                          1/AN
5 REJECT-C3010                    1/NUM 0
5 SUSPEND-C3010                   1/NUM 0
5 CLOSED-C3010                    1/NUM 1
5 ACTIVE-C3010                    1/NUM 0
5 PEND-C3010                      1/NUM 0
5 REFUGEE-NAT-C3010               1/AN
5 SSI-STATUS-C3010                1/NUM 0
5 FILLER-1-C3010                  1/NUM X'40'
5 FILLER-2-C3010                  1/NUM X'40'
5 REFUGEE-STATUS-C3010            1/NUM 0
5 MA-BYT-C3010                    1/NUM 0
```

PAEC3010, copybook is used to display the record. Press PF11 to go to next record,

```
File-AID - Browse - CSS4.PAE13.C3000.DTVSK ----- COL 1 77
COMMAND ==>                                     SCROLL ==> CSR
                                                LENGTH: 109
----- FIELD LEVEL/NAME ----- -FORMAT- -----+-----1-----+-----2-----+-----3-----+-----4
5 REC-LENGTH-C3050                 2/BI 109
5 KEY-C3050 SYNC                   43/GRP
  10 KEY1-C3050                    4/NUM 50
  10 KEY2-C3050                    9/AN 019600000
  10 KEY3-C3050                   10/NUM 0
  10 KEY4-C3050                   10/NUM 0
  10 KEY5-C3050                   10/NUM 0
5 CUTOFF-DAY-C3050                 2/NUM 24
5 WORK-DATE-C3050(1) OCCURS 31 TIMES SYNC
  10 WORK-DAY-C3050(1)             2/GRP
  10 WORK-DATE-C3050(2)           2/NUM 2
  10 WORK-DAY-C3050(2)           2/GRP
  10 WORK-DATE-C3050(3)           2/NUM 3
  10 WORK-DAY-C3050(3)           2/GRP
  10 WORK-DATE-C3050(4)           2/NUM 4
  10 WORK-DAY-C3050(4)           2/GRP
  10 WORK-DATE-C3050(5)           2/NUM 5
  10 WORK-DAY-C3050(5)           2/GRP
  10 WORK-DATE-C3050(6)           2/NUM 6
  10 WORK-DAY-C3050(6)           2/GRP
  10 WORK-DATE-C3050(7)           2/NUM 7
  10 WORK-DAY-C3050(7)           2/GRP
  10 WORK-DATE-C3050(8)           2/NUM 9
  10 WORK-DAY-C3050(8)           2/GRP
```

The record is displayed on PAEC3050 layout.

II Records associated with concatenated layouts

The incoming data from the Federal file is in any one of the following 4 types. The layout is identified based on RECORD-TYPE-2 of SVES0002

Value	Lrecls	Layout
1	152	SVES0002
2	152 + 485	SVES0002 + SVES00II
3	152 + 1125	SVES0002 + SVES0XVI
4	152 + 485 + 1125	SVES0002 + SVES00II + SVES0XVI

a) **To create a XREF member for the above condition**

From the **Primary Options Menu**, select option 7,

```
File-AID 8.0.1 ----- Primary Option Menu -----
OPTION ==> 7

 0 PARAMETERS - Specify ISPF and File-AID parameters      USERID - WELZ492
 1 BROWSE     - Display file contents                      PF KEYS - 24
 2 EDIT      - Create or change file contents             TERMINAL - 3278
 3 UTILITIES - File-AID/SPF extended utilities           TIME     - 11:15
 5 PRINT     - Print file contents                        JULIAN   - 98.089
 6 SELECTION - Create or change selection criteria        DATE     - 98/03/30
 7 XREF      - Create or change record layout cross reference
 8 VIEW     - View interpreted record layout
 9 REFORMAT - Convert file from one format to another
10 COMPARE  - Compare file contents
 C CHANGES - Display summary of File-AID changes
 T TUTORIAL - Display information about File-AID
 X EXIT    - Terminate File-AID and return to ISPF

      Use END to terminate File-AID

      See File-AID/MVS Frequently Asked Questions at: www.compuware.com/fafaq/
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      All Rights Reserved.
```

Fill the values in the fields as given in the example screen below. Here *SVESIN* is the sample XREF member.

```
File-AID ----- Record Layout Cross Reference -----
COMMAND ==>

Specify Cross Reference Dataset to be Created or Edited:
XREF dataset name      ==> 'AWP7.TEST.FAAID.XREF'
Member name           ==> SVESIN (Blank or pattern for member list)

Specify Record Layout Information:
Record layout dataset  ==> 'STA.SRCMAST.LIBR'
```

Define XREF screen - to define the XREF structure. Enter the values as shown in the screen


```
File-AID ----- Unformatted XREF Definition ----- ROW 1 TO 20 OF 20
COMMAND ==>                                     SCROLL ==> CSR

Use END to continue, CANCEL to return to main screen.

Record Layout Member:  SVES00II
Beginning Data Name:  SVES00II

  AND
Cmd /OR Position Length RO ----- Data Value
-----
  AND      0      1      EQ C" "
  AND
  AND
  AND
```

Fill out the details for the next copy book and press **PF3**.

```
File-AID ----- Define XREF - SVESIN ----- ROW 1 TO 20 OF 20
COMMAND ==>                                     SCROLL ==> CSR

Member list description ==> _____
  Long      ==> _____
Description ==> _____

Generated filler length ==> 0      (0 to suppress filler)

Cmd  Member      Beginning Data Name      Description      Status
-----
  SVES0002  SVES0002
  SVES00II  SVES00II
  SVES0XVI  SVES0XVI
                                     BASE
                                     BASE
                                     BASE
```

Status field is shown as **BASE**. Type **SEG** in the *Cmd* field for SVES00II and SVES0XVI & press Enter.

```
File-AID ----- Define XREF - SVESIN ----- ROW 1 TO 20 OF 20
COMMAND ==>                                     SCROLL ==> CSR

Member list description ==> _____
  Long      ==> _____
Description ==> _____

Generated filler length ==> 0      (0 to suppress filler)

Cmd  Member      Beginning Data Name      Description      Status
-----
  SVES0002  SVES0002
  SVES00II  SVES00II
  SVES0XVI  SVES0XVI
                                     SEGMENT
                                     SEGMENT
                                     SEGMENT
```

The Status is changed to **SEGMENT**. Type view on the *COMMAND* line and check for the contents,

```

File-AID ----- View Criteria ----- ROW 1 TO 32 OF 32
COMMAND ==>
Use END to exit View Display
SCROLL ==> CSR

***** TOP OF CRITERIA *****
DEFINE BLOCKS=XREF,

      XREF_DSNAME=AWP7.TEST.FAAID.XREF,
      XREF_MBRNAME=SVESIN,

      LAYOUT_DSNAME=STA.SRCMAST.LIBR

SELECT SET=1,LAYOUT=SVES-TYPE-1-DATA-2,
      LAYOUT_MBRNAME=SVES0002,
      LAYOUT_TYPE=DEFAULT,
      LAYOUT_LANG=CBL,
      LAYOUT_LEVEL=01

SELECT SET=1,LAYOUT=SVES00II,
      LAYOUT_MBRNAME=SVES00II,
      LAYOUT_TYPE=SEGMENT,
      LAYOUT_LANG=CBL,
      LAYOUT_LEVEL=01

IF
      POSITION=0,LENGTH=1,OPERATOR=EQ,
      TYPE=C,VALUE=""

SELECT SET=1,LAYOUT=SVES0XVI,
      LAYOUT_MBRNAME=SVES0XVI,
      LAYOUT_TYPE=SEGMENT,
      LAYOUT_LANG=CBL,
      LAYOUT_LEVEL=01

IF
      POSITION=0,LENGTH=1,OPERATOR=EQ,
      TYPE=C,VALUE=""

***** END OF CRITERIA *****

```

PF3, Save and go to the main panel.

b) To VIEW the details of the record using the above XREF

From the **Primary Options Menu**, select option 1, to browse.

```

File-AID ----- Browse - Dataset Specification -----
COMMAND ==>

Browse Mode           ==> F           (F=Formatted; C=Char; V=Vertical)

Specify Browse Information:
Browse dataset name   ==> 'CSS8.V7F.D6I.S020.LEGACY.OLD.G839.DTVSK
Member name          ==>              (Blank or pattern for member list)
Volume serial        ==>              (If dataset is not cataloged)

Specify Record Layout and XREF Information:
Record layout usage   ==> X           (S = Single; X = XREF; N = None)
Record layout dataset ==> 'STA.SRCMAST.LIBR'
Member name          ==>              (Blank or pattern for member list)
XREF dataset name     ==> 'AWP7.TEST.FAAID.XREF'
Member name          ==> SVESIN      (Blank or pattern for member list)

Specify Selection Criteria Information:
Selection criteria usage ==> N           (E = Existing; T = Temporary;
Selection dataset name ==>              M = Modify; Q = Quick; N = None)
Member name          ==>              (Blank or pattern for member list)

```

Replace the sample browse dataset with your test dataset.
Press Enter;

```

File-AID - Browse - CSS8.V7F.D6I.S020.LEGACY.OLD.G839.DTVSK ----- COL 1 93
COMMAND ==> SCROLL ==> CSR
RECORD: 1 SVES-TYPE-1-DATA-2 LENGTH: 1763
----- FIELD LEVEL/NAME ----- -FORMAT- -----1-----2-----3-----4
3 SVES-TYPE-1-DATA-2 SYNC 152/GRP
5 INDIVIDUAL-SSN-2 9/NUM 771825
5 CLAIM-ACCOUNT-NUMBER-2 9/NUM X'404040404040404040'
5 BENEFICIARY-ID-CODE-2 3/AN
5 NAME-2 SYNC 32/GRP
10 LAST-NAME-2 19/AN JIMENEZ
10 MI-2 1/AN
10 FIRST-NAME-2 12/AN MARICELA
5 DOB-2 SYNC 6/GRP
10 DOB-MONTH-2 2/NUM 5
10 DOB-DAY-2 2/NUM 1
10 DOB-YEAR-2 2/NUM 76
5 SEX-2 1/AN F
5 STATE-AGENCY-CODE-2 3/NUM 28
5 ASSISTANCE-CODE-2 1/AN I
5 STATE-COMMUNICATION-CODE-2 3/AN BDA
5 WELFARE-ID-NUMBER-2 22/AN 000771825 BD19980206
5 EXCHANGE-REQUEST-DATA-2 REDEFINES WELFARE-ID-NUMBER-2
5 EXCHANGE-REQUEST-DATA-2 SYNC
    
```

Press **PF8**,

```

File-AID - Browse - CSS8.V7F.D6I.S020.LEGACY.OLD.G839.DTVSK ----- COL 92 152
COMMAND ==> SCROLL ==> CSR
RECORD: 1 SVES-TYPE-1-DATA-2 LENGTH: 1763
----- FIELD LEVEL/NAME ----- -FORMAT- -----1-----2-----3-----4
10 WTPY-RESPONSE-DAY-2 2/NUM 7
10 WTPY-RESPONSE-YEAR-2 2/NUM 98
5 ERROR-CONDITION-CODE-2 3/AN 102
5 IDENTITY-DISCREP-CODE-2 2/AN
5 FILLER 3/AN
5 VERIFICATION-CODE-2 1/AN 1
5 VERIFIED-SSN-DATA-2(1) OCCURS 5 TIMES
5 VERIFIED-SSN-DATA-2(2) 9/NUM X'404040404040404040'
5 VERIFIED-SSN-DATA-2(3) 9/NUM X'404040404040404040'
5 VERIFIED-SSN-DATA-2(4) 9/NUM X'404040404040404040'
5 VERIFIED-SSN-DATA-2(5) 9/NUM X'404040404040404040'
5 RECORD-TYPE-2 1/NUM 1
5 TITLE-II-STATUS-2 1/AN N
5 TITLE-XVI-STATUS-2 1/AN N
***** END OF LAYOUT - DATA EXCEEDS LAYOUT BY 1611 BYTES *****
    
```

The value of RECORD-TYPE-2 is 1. Press **PF11** to scroll to other record types 2,3 or 4. Initially, first part of the record for the RECORD-TYPE-2 value 3 is displayed. To view the next segment (SVES0XVI), type **USE 153 SVES0XVI** on the *COMMAND* line. (where 153 - starting position of the segment & SVES0XVI - copybook)


```
File-AID ----- VIEW LAYOUT ----- ROW 1 TO 15 OF 15
COMMAND ==>
Layout: STA.SRCMAST.LIBR(PAEC3030)
SCROLL ==> CSR
```

FIELD	LEVEL/NAME	PICTURE	NUMBER	START	END	LENGTH
PAEC3030				1	53	53
5	REC-LEN-C3030	9(4)	1	1	2	2
5	KEY-C3030	GROUP	2	3	45	43
10	RECORD-TYPE-C3030	9(4)	3	3	6	4
10	AGENCY-C3030	X(9)	4	7	15	9
10	WORKER-C3030	9(10)	5	16	25	10
10	CASE-NUMBER-C3030	9(10)	6	26	35	10
10	KEY-ZEROS-C3030	9(10)	7	36	45	10
5	REQUEST-PERIOD-C3030	GROUP	8	46	53	8
10	REQ-FROM-DT-C3030	GROUP	9	46	49	4
15	REQ-FROM-YR-C3030	99	10	46	47	2
15	REQ-FROM-MO-C3030	99	11	48	49	2
10	REQ-TO-DT-C3030	GROUP	12	50	53	4
15	REQ-TO-YR-C3030	99	13	50	51	2
15	REQ-TO-MO-C3030	99	14	52	53	2

***** BOTTOM OF DATA *****

OPTION 9 - Reformat from the **Primary Options Menu**

Reformats file structure from one form to the another. Following resources should be available before testing this feature,

- 1) First Copybook layout.
- 2) Dataset which matches #1 layout.
- 3) Second copybook with new field names inserted to #1 layout, or old field names deleted from #1 layout.

Option 9, will take you to the **Reformat Definition** panel.

```
File-AID ----- Reformat Definition -----
OPTION ==>

blank - Create a new or change an existing reformat definition
  D - Dynamically create and execute a temporary reformat definition
  E - Execute a previously saved reformat definition

Specify Reformat Definition Dataset:
Dataset name ==>
Member name ==>
Volume serial ==> (If not cataloged)
Description ==>

Specify Execution Information:
Process online or batch ==> 0 (0 = Online; B = Batch)
```

Option **D**, displays the following screen,

```
File-AID ----- Reformat Record Layouts -----
COMMAND ==>

Specify Source Record Layout and XREF Information:
Record layout usage   ==> S           (S = Single; X = XREF)
Record layout dataset ==> 'CSS8.V7F.SVES'
Member name          ==> SVESOLDT   (Blank or pattern for member list)
XREF dataset name    ==> 'AWP7.TEST.FAAID.XREF'
Member name          ==> SVESIN     (Blank or pattern for member list)

Specify Target Record Layout and XREF Information:
Record layout usage   ==> S           (S = Single; X = XREF)
Record layout dataset ==> 'CSS8.V7F.SVES'
Member name          ==> SVESCOMB   (Blank or pattern for member list)
XREF dataset name    ==> 'CSS8.V7F.MVS.XREF'
Member name          ==> SVESNEW    (Blank or pattern for member list)

Move corresponding?  ==> YES         (YES or NO)

Ignore prefix        ==>
Ignore suffix        ==>
```

The *Record layout dataset* and *Member name* should be replaced with the test names.

```
File-AID ----- Reformat Record Layouts -----
COMMAND ==>

Specify Source Record Layout and XREF Information:
Record layout usage   ==> S           (S = Single; X = XREF)
Record layout dataset ==> 'CSS8.V7F.SVES'
Member name          ==> SVESOLDT   (Blank or pattern for member list)
XREF dataset name    ==>
Member name          ==>           (Blank or pattern for member list)

Specify Target Record Layout and XREF Information:
Record layout usage   ==> S           (S = Single; X = XREF)
Record layout dataset ==> 'CSS8.V7F.SVES'
Member name          ==> SVESCOMB   (Blank or pattern for member list)
XREF dataset name    ==> 'CSS8.V7F.MVS.XREF'
Member name          ==> SVESNEW    (Blank or pattern for member list)

Move corresponding?  ==> YES         (YES or NO)

Ignore prefix        ==>
Ignore suffix        ==>
```

Enter;

```
File-AID - Reformat Definition Editor - - - - -
COMMAND ==>
Source COBOL - SVESTYP4 ----- CSS8.V7F.SVES(SVESOLDT) -----
Num Field Name          Format Pic  OP Data  Row  1 of 597
0 SVESTYP4              GRP/1763
1 SVES-TYPE-1-DATA-2    GRP/152
2 INDIVIDUAL-SSN-2     NUM/9    9v00
3 CLAIM-ACCOUNT-NUMBER-2 NUM/9    9v00
4 BENEFICIARY-ID-CODE-2 AN/3
5 NAME-2                GRP/32
6 LAST-NAME-2          AN/19
7 MI-2                  AN/1

Target COBOL - SVESN002 ----- CSS8.V7F.SVES(SVESCOMB) -----
Num Field Name          Format Pic  Data      Row  1 of 666
0 SVESN002              GRP/2151
1 SVES-TYPE-1-DATA-2    GRP/156
2 INDIVIDUAL-SSN-2     NUM/9    9v00  /INDIVIDUAL-SSN-2
3 CLAIM-ACCOUNT-NUMBER-2 NUM/9    9v00  /CLAIM-ACCOUNT-NUMBER-2
4 BENEFICIARY-ID-CODE-2 AN/3    /BENEFICIARY-ID-CODE-2
5 NAME-2                GRP/32
6 LAST-NAME-2          AN/19    /LAST-NAME-2
7 MI-2                  AN/1    /MI-2

Use END Command to Save then End, CANCEL to Cancel, or EX to Execute Reformat
```

The screen displays old and new layouts. Type **Ex** on the *COMMAND* line & press enter.

```

File-AID ----- Reformat Execution - Online -----
OPTION  ===>

Display file after reformat ===> B (N=No; B=File-AID Browse; E=File-AID Edit)

Specify Input Dataset:
Dataset name  ===> 'CSS8.V7F.D6I.S020.LEGACY.OLD.G839.DTVSK'
Member name   ===>
Volume serial ===>                                     (If not cataloged)
Disposition   ===> SHR                                  (OLD or SHR)

Specify Output Dataset:
Dataset name  ===> 'CSS8.V7F.REFMT.DTPSF'
Member name   ===>
Volume serial ===>                                     (If not cataloged)
Disposition   ===> OLD                                  (OLD; SHR; MOD)

Copy unselected records      ===> Y (Y = Yes; N = No, drop unselected)
Number of records to process ===> 0 (1-9999; 0 = all)

```

Type the input dataset name and output dataset names in the respective fields and press Enter. The message **FILE REFORMATTED** with the dataset will be displayed. If you browse the new dataset with the new layout, all the related fields should be populated with data and all the new fields with spaces.

OPTION 10 - Compare from the **Primary Options Menu** displays **Compare Dataset Specification** screen.

To compare the contents of two datasets.

```

File-AID ----- Compare Datasets Specification -----
COMMAND  ===>

Specify OLD Compare Dataset Information:
Dataset name  ===> 'CSS8.V7F.REFMT.DTPSF'
Member name   ===>                                     (Blank or pattern for member list)
Volume serial ===>

Specify NEW Compare Dataset Information:
Dataset name  ===> 'CSS8.V7F.BDE7.M315A.DTPSF'
Member name   ===>                                     (Blank or pattern for member list)
Volume serial ===>

Specify Execution Information:
Process online or batch ===> 0 (O = Online; B = Batch)
Extended compare options ===> N (Y = Yes; N = No)
Modify print defaults   ===> N (Y = Yes; N = No)

Specify Selection Criteria Information: (E = Existing; T = Temporary;
Selection criteria usage ===> N M = Modify; Q = Quick; N = None)
Selection dataset name   ===>
Member name               ===> (Blank or pattern for member list)

```

Fill up the fields with the PDS names and press Enter. If you had specified **Y** for the *Extended compare options*, the **Compare Options Specification** screen would have been displayed.

```

File-AID ----- Compare Options Specification -----
COMMAND ==>

Specify Compare Options to be Applied to Selected Records:

  Sync key specification      ==> N      (F = Specify key in formatted mode;
                                         U = Specify key in unformatted mode;
                                         N = Do not specify or alter key)

  Files sorted on sync key   ==> N      (Y = Pre-sorted or keyed files;
                                         N = Non-sorted, uses read-ahead cnt)

  Read-ahead record count    ==> 100    (Number of records to read-ahead to
                                         sync non-keyed or non-sorted files)

  Compare criteria option     ==> R      (F = Formatted field compare;
                                         U = Unformatted compare specification
                                         R = Compare entire record)

  Records to compare         ==> ALL    (All or maximum number of records)
  Differences to compare     ==> ALL    (All or maximum number of differences)

```

Formatted field compare can be performed by specifying **F** in the *Compare criteria option* field

If you specify **Y** for the *Modify print defaults of Compare Dataset Specification* screen, the **Compare Print Options** screen will be displayed.

```

File-AID ----- Compare Print Options -----
COMMAND ==>

Print format                  ==> F      (F = Formatted; H = Hex; C = Char)
Max differences to report     ==> ALL    (All or maximum number to report)
Record level report format    ==> DIFF   (LONG; DIFF; SUMM)

Valid Record Level Report Formats:

  LONG - Print all records in "old" file with differing records in "new" file
  DIFF - Print differing records from both "old" and "new" files
  SUMM - Print summary information only

```

Enter;

```

File-AID ----- Record Layout Specification -----
COMMAND ==>

Specify Record Layout and XREF Information:
  Record layout usage         ==> S      (S = Single; X = XREF)

  Record layout dataset       ==> 'STA.SRCMAST.LIBR'
  Member name                  ==> SAMPLE (Blank or pattern for member list)

  XREF dataset name           ==> 'AWP?.TEST.FAAID.XREF'
  Member name                  ==>       (Blank or pattern for member list)

```

Specify the *Record layout dataset* and member in the respective field and press Enter;

```
File-AID --- Compare Criteria - ----- ROW 001 OF 049
COMMAND ==> SCROLL ==> CSR
```

Level Number/Data Name	Data Type	Field Comment
01 SVES0001	C	
05 INDIVIDUAL-SSN-1	Z	COMPARISON FIELD
05 CLAIM-ACCOUNT-NUMBER-1	Z	COMPARISON FIELD
05 BENEFICIARY-ID-CODE-1	C	COMPARISON FIELD
05 NAME-1	C	
10 LAST-NAME-1	C	COMPARISON FIELD
10 MI-1	C	COMPARISON FIELD
10 FIRST-NAME-1	C	COMPARISON FIELD
05 DOB-1	C	
10 DOB-MONTH-1	Z	COMPARISON FIELD
10 DOB-DAY-1	Z	COMPARISON FIELD
10 DOB-CENTURY-1	Z	COMPARISON FIELD
10 DOB-YEAR-1	Z	COMPARISON FIELD

Exclude the fields which should not be included for the comparison by typing **X** on them.

```
File-AID --- Compare Criteria - ----- ROW 001 OF 049
COMMAND ==> SCROLL ==> CSR
```

Level Number/Data Name	Data Type	Field Comment
01 SVES0001	C	
05 INDIVIDUAL-SSN-1	Z	COMPARISON FIELD
05 CLAIM-ACCOUNT-NUMBER-1	Z	COMPARISON FIELD
XX 05 BENEFICIARY-ID-CODE-1	C	COMPARISON FIELD
05 NAME-1	C	
10 LAST-NAME-1	C	COMPARISON FIELD
10 MI-1	C	COMPARISON FIELD
10 FIRST-NAME-1	C	COMPARISON FIELD
05 DOB-1	C	
10 DOB-MONTH-1	Z	COMPARISON FIELD
XX 10 DOB-DAY-1	Z	COMPARISON FIELD
10 DOB-CENTURY-1	Z	COMPARISON FIELD
X 10 DOB-YEAR-1	Z	COMPARISON FIELD
X 05 SEX-1	C	COMPARISON FIELD
X 05 TITLE-II-REQUEST-1	C	COMPARISON FIELD
X 05 TITLE-XVI-REQUEST-1	C	COMPARISON FIELD
X 05 STATE-AGENCY-CODE-1	Z	COMPARISON FIELD
05 ASSISTANCE-CODE-1	C	COMPARISON FIELD
05 STATE-COMMUNICATION-CODE-1	C	COMPARISON FIELD

Press Enter; the *Field Comment* would change to *NOT COMPARED* for those which were **X**ed.

```
File-AID --- Compare Criteria - ----- ROW 001 OF 049
COMMAND ==> SCROLL ==> CSR
```

Level Number/Data Name	Data Type	Field Comment
01 SVES0001	C	
05 INDIVIDUAL-SSN-1	Z	COMPARISON FIELD
05 CLAIM-ACCOUNT-NUMBER-1	Z	COMPARISON FIELD
05 BENEFICIARY-ID-CODE-1	C	NOT COMPARED
05 NAME-1	C	
10 LAST-NAME-1	C	NOT COMPARED
10 MI-1	C	NOT COMPARED
10 FIRST-NAME-1	C	NOT COMPARED
05 DOB-1	C	
10 DOB-MONTH-1	Z	NOT COMPARED
10 DOB-DAY-1	Z	NOT COMPARED

Pressing **PF3**; will give the comparison report, either formatted or character depending on the option you specified on the print options screen.

The batch process will generate a JCL similar to the one below,

```
EDIT ---- WELZ492.SPFTEMP2.CNTL ----- COLUMNS 001 07
COMMAND ==> SCROLL ==> PAG
***** ***** TOP OF DATA *****
000001 //WELZ492C JOB '266011-3-90492-264063','MURALI-PRINT LAYOUT',
000002 // CLASS=B,MSGCLASS=R,NOTIFY=WELZ492,TIME=60
000003 //* YOU ARE VIEWING JCL THAT FILE-AID 8.0 HAS GENERATED TO
000004 //* COMPARE DATASETS.
000005 //*
000006 //* YOU CAN CHANGE THIS JCL IF DESIRED AND USE THE SUBMIT PRIMARY
000007 //* COMMAND TO SUBMIT THE JOB. THE CREATE OR REPLACE PRIMARY COMMAND
000008 //* CAN BE USED TO KEEP THIS JOBSTREAM FOR FUTURE USE.
000009 //*
000010 //* USE THE END COMMAND TO EXIT WITHOUT SUBMITTING THE JOB.
000011 //*
000012 //FASTEP EXEC PGM=FILEAID,REGION=4M
000013 //STEPLIB DD DSN=XPE.FILEAID.MVS.LOAD,
000014 // DISP=SHR
000015 //SYSPRINT DD SYSOUT=R
000016 //SYSLIST DD SYSOUT=R
000017 //DD01 DD DSN=CSS8.V7F.TEST.DTPSF,
000018 // DISP=SHR
000019 //DD01C DD DSN=CSS8.V7F.TEST3.DTPSF,
000020 // DISP=SHR
000021 //DD01CP DD DSN=WELZ492.FILEAID.CC.D98117.T150306,
000022 // DISP=(OLD,DELETE)
000023 //DD01RL DD DSN=CSS8.V7F.CNTL(SAMPLCPY),
000024 // DISP=SHR
000025 //SYSIN DD *
000026 $$DD01 COMPARE FORM=(F,D,E),PRINT=0
000027 //*
000028 //
***** ***** BOTTOM OF DATA *****
```