



## **Hands-On Lab**

# **Exploring the new z/OSMF Desktop UI**

### **Abstract:**

IBM z/OS Management Facility (z/OSMF) provides a web-based graphical user interface (UI) for working with z/OS. In this hand-on lab, you will explore the new desktop style UI of z/OSMF, which offers advantages over the earlier, classic style UI.

This session will be useful to systems programmers and their managers who will be using or are considering using z/OSMF.

## Introduction: A new look and feel for z/OSMF

After ten years of continuous development, the z/OSMF user interface (UI) is showing its age. The current UI, with its navigation tree, tabs, and tables, is still quite functional, but it has some notable limitations. For example, the current UI limits you to running one z/OSMF task at a time. Also, it constrains the size of each task work area--the place where you do your z/OS work---which can make it a chore to enter commands and data.

Is it time for a change? We think so. With the installation of APAR PH16076 and the subsequent enhancements on your system, z/OSMF now offers a new, desktop-style UI as a user-selectable option. Since z/OS V2R5, desktop-style UI is the only supported UI for z/OSMF.

With this new UI comes a new way of interacting with z/OSMF, which is more consistent with other computing platforms. The changes include:

- Much larger work area with icons to represent the z/OSMF tasks and folders.
- Task bar that helps you access z/OSMF tasks quickly.

Your experience is further enhanced through the following improvements:

- Support for a mix of new and existing applications.
- Multi-tasking capabilities for viewing and running multiple tasks at once.
- Ability to:
  - Resize the workspace of a particular task within the UI.
  - Create customized groupings of z/OSMF tasks in user-named folders.
  - Save links from the Links task as icons on the desktop.
  - Search, browse and edit data sets, Unix directory and Unix files.
  - Create shortcut for data set, UNIX files on the desktop.
  - Submit data set or data set member as JCL.
  - View job output for your jobs.
  - Create new data set or USS file.
  - Open multiple search window.
  - Compare dataset and USS file.
  - Download/Upload Data Set, Data Set member, or USS file.

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We think that you will find the new desktop UI to be faster and more friendly to use than the earlier, classic style UI.

## **z/OSMF Lab: Exploring the desktop style UI**

In this lab, you will learn about the new desktop UI by completing the following activities:

1. Log in to z/OSMF.
2. Create new data set.
3. Create a new data set member.
4. Search data set and member.
5. Copy and rename data set member.
6. Compare and merge data set members.
7. Browse USS path and edit USS file.
8. Open referenced data sets in Editor.
9. Create shortcut for data set or data set member.
10. Download/Upload Data Set, Data Set member, or USS file.

It is recommended that you perform these activities in the order listed. As you become more familiar with the desktop UI, you will become adept at accessing the particular tasks that you require.

As with the other labs in this session, the lab teams share access to the same z/OS system. Each team is given a unique z/OS user ID to use for the exercises. To avoid confusion, use only the user ID that is assigned to your team.

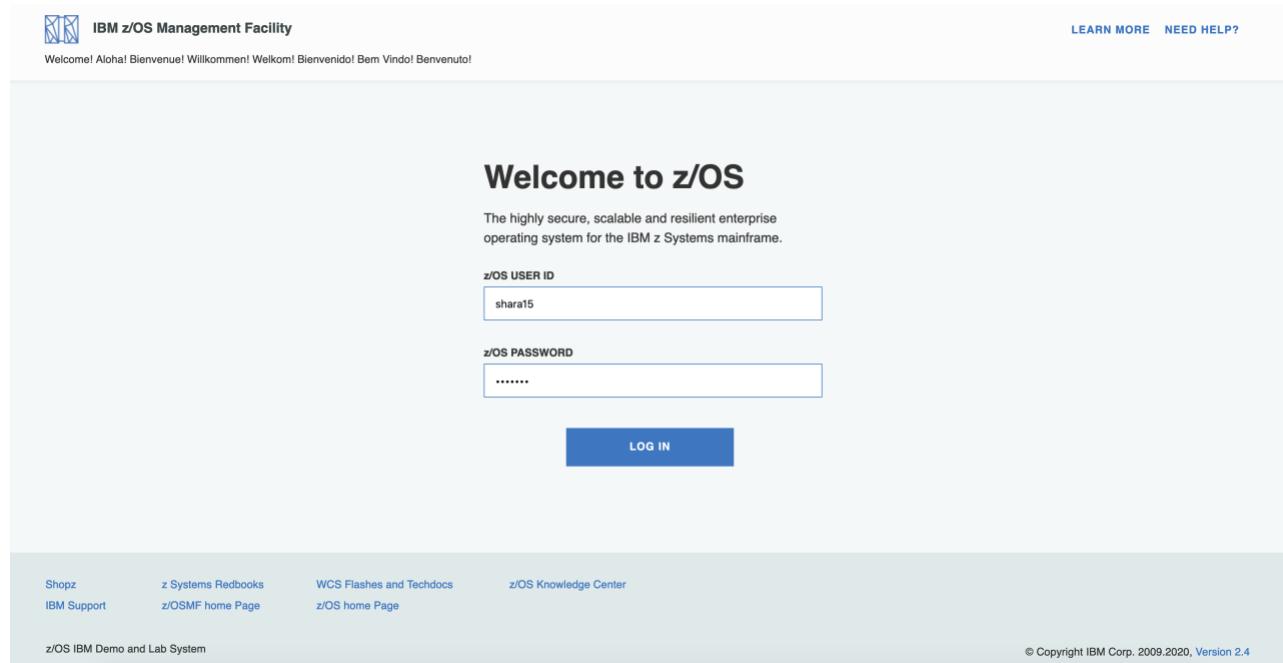
**Notes:**

1. The screen captures in this handout show the use of different user IDs. Your browser session will use the user ID that was assigned to your lab team.

## 1. Log in to z/OSMF

- Launch browser from your workstation
- Point browser to z/OSMF – enter the following url  
<https://share.centers.ihost.com/zosmf>
- Login with SHARE userid/pw as provided by the lab instructor
  - Each workstation has been assigned a unique z/OS user id

Note: All screen captures in the handout show the different user ID, your browser will be slightly different to reflect the User ID that you were given.



The screenshot shows the IBM z/OS Management Facility login interface. At the top left is the IBM logo and the text "IBM z/OS Management Facility". At the top right are links for "LEARN MORE" and "NEED HELP?". Below the header, a welcome message in multiple languages (Aloha! Bienvenue! Willkommen! Welkom! Bienvenido! Bem Vindo! Benvenuto!) is displayed. The main area features a large "Welcome to z/OS" heading and a brief description of z/OS as "The highly secure, scalable and resilient enterprise operating system for the IBM z Systems mainframe". Below this are two input fields: "z/OS USER ID" containing "shara15" and "z/OS PASSWORD" containing several dots. A blue "LOG IN" button is positioned below the password field. At the bottom of the page, there is a footer with links to "Shop", "IBM Support", "z Systems Redbooks", "z/OSMF home Page", "WCS Flashes and Techdocs", "z/OS home Page", "z/OS Knowledge Center", and "z/OS IBM Demo and Lab System". The copyright notice "© Copyright IBM Corp. 2009.2020, Version 2.4" is also present.

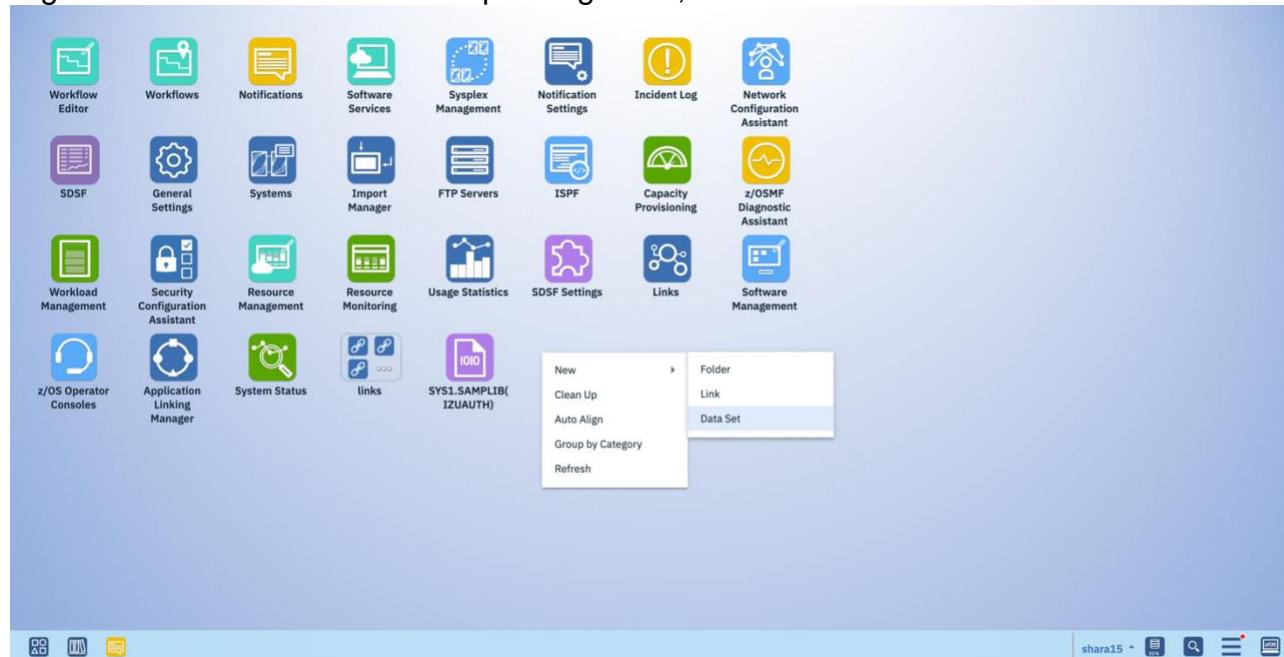
Since V2R4, z/OSMF lands in desktop UI by default.



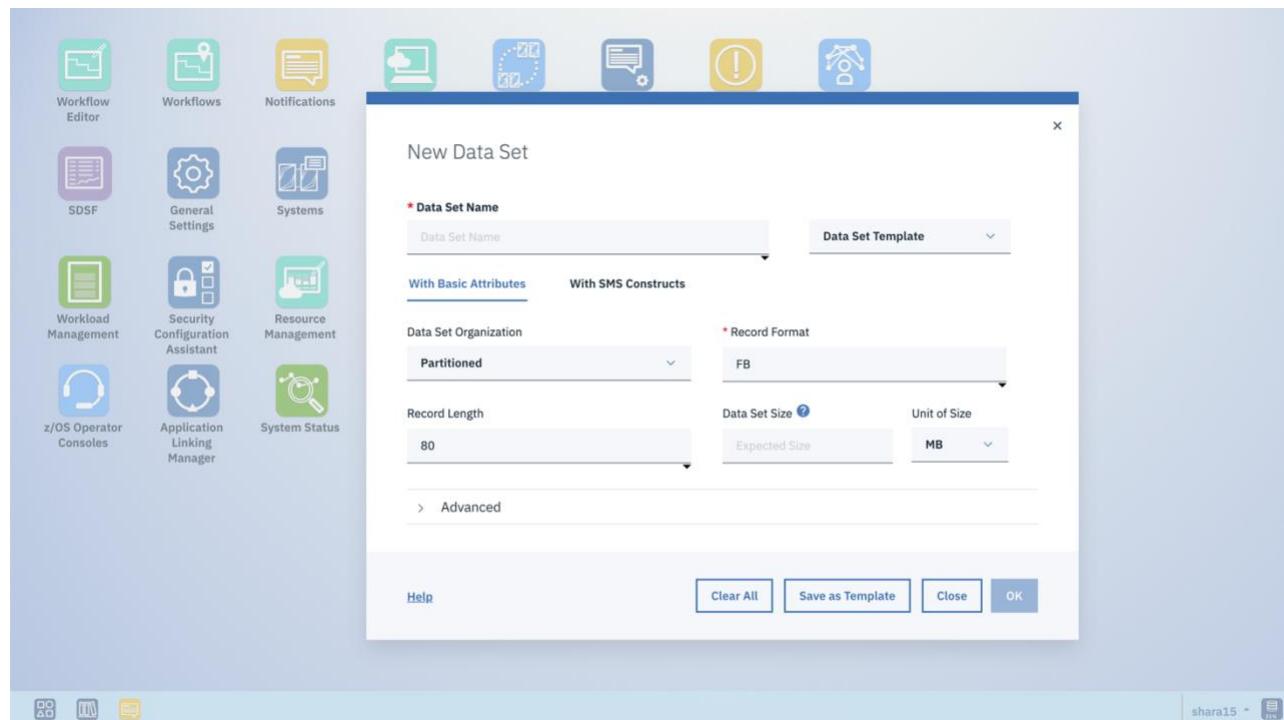
## 2. Create new data set

Step 2a. Open the dialog of Create new data set

Right click on the z/OSMF desktop background, and select New→Data set menu.

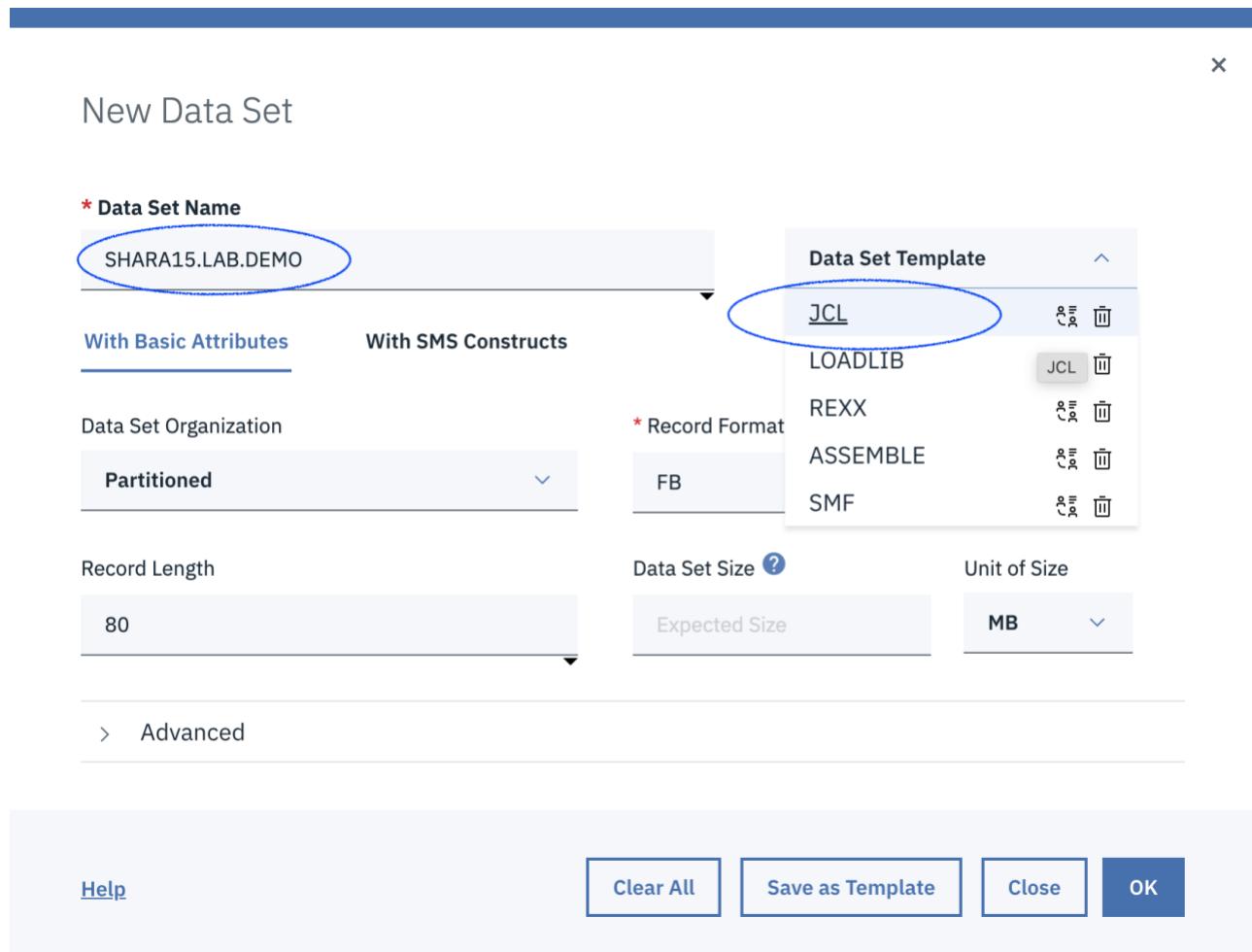


The “New Data Set” dialog will be popped up.



Step 2b. Create a PDS/E dataset with pre-defined template for JCL data set

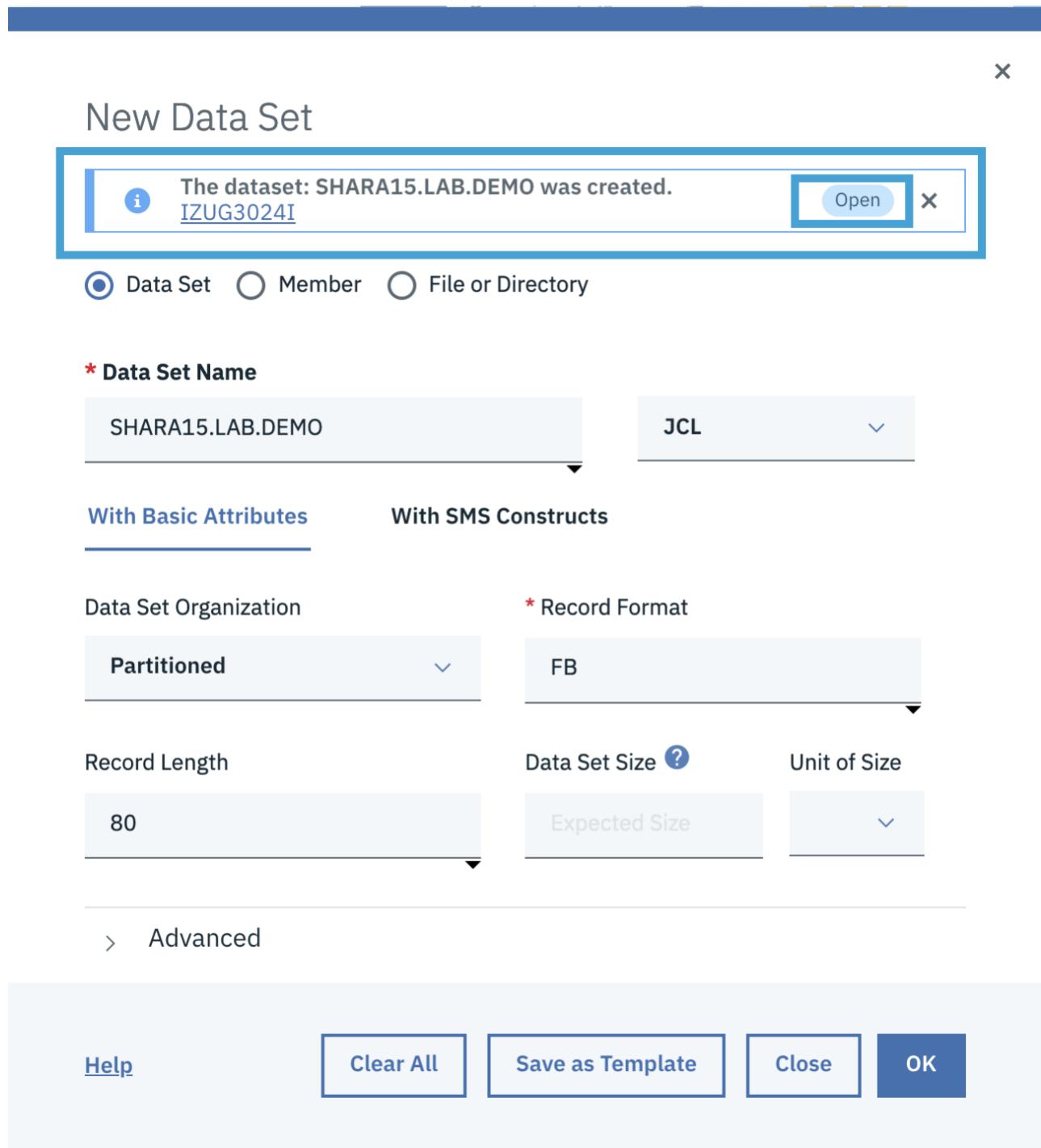
In the dialog of “New Data Set”, enter data set name <userid>.LAB.DEMO in which <userid> should be replaced by your current logon user id, such as SHARA15. Then select “JCL” template in the “Data Set Template” drop down list.



Click on OK button, the data set will be created and a new message will be displayed on the top of the dialog to indicate the successful creation of the new data set.

## Step 2c. Open the created data set

In the popped up message, click the Open button in the message to directly access the data set just created.



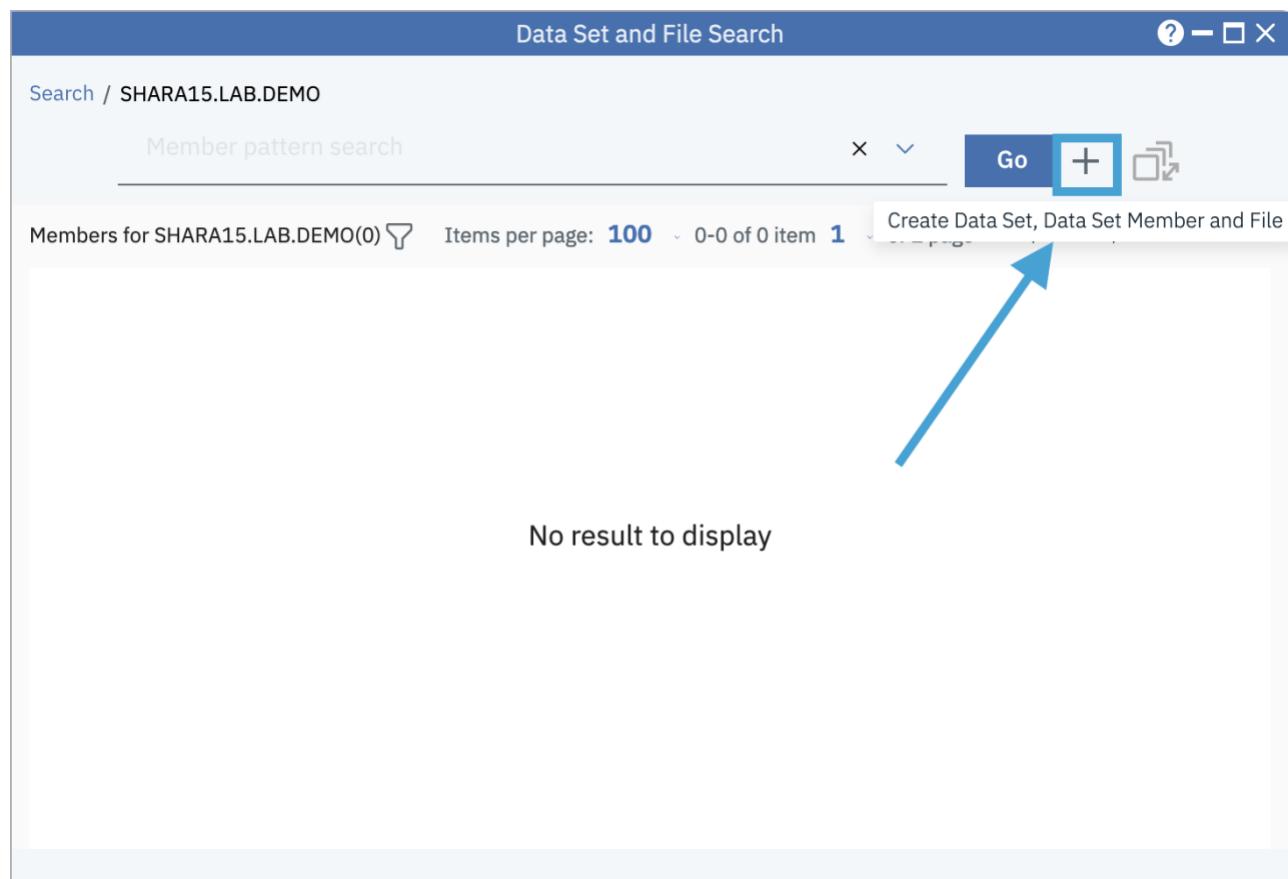
The panel will display member list of this data set. Since it's just created, there is no member displayed in the dialog.

A screenshot of the "Data Set and File Search" application window. The title bar reads "Data Set and File Search". The main area shows a search bar with "Search / SHARA15.LAB.DEMO" and a "Member pattern search" input field. Below the search bar, the text "Members for SHARA15.LAB.DEMO(0)" is displayed, along with a dropdown menu icon and a status message "Items per page: 100". The search results area is empty, displaying the message "No result to display".

### 3. Create a new data set member

Step 3a. Open New Member dialog

Click the + icon like below to open the New Member dialog.



A new dialog is opened and the current data set name is populated.

New Member

\* Data Set Name

SHARA15.LAB.DEMO

\* Member Name

Member Name

Volume

Volume

[Help](#)

[Close](#) [OK](#)

The screenshot shows a 'New Member' dialog box. The title bar is blue with the text 'New Member'. There is a close button 'X' in the top right corner. The main area contains several input fields and labels. A red asterisk indicates required fields: 'Data Set Name' (containing 'SHARA15.LAB.DEMO'), 'Member Name' (placeholder 'Member Name'), and 'Volume' (placeholder 'Volume'). Below the 'Volume' fields is a link 'Help'. At the bottom are three buttons: 'Close' (white background), 'OK' (blue background), and another 'Close' button.

Step 3b. Create a new member

Input TEST as the Member Name value, then click OK.

×

## New Member

**\* Data Set Name**

SHARA15.LAB.DEMO

**\* Member Name**

TEST

**Volume**

Volume

[Help](#)

[Close](#)

OK

Step 3c. Check if the data set member is created successfully

Click Open in the message to open the data set member just created.



## New Member



The member: TEST was created.  
[IZUG3024I](#)

Open



### \* Data Set Name

SHARA15.LAB.DEMO

### \* Member Name

TEST

### Volume

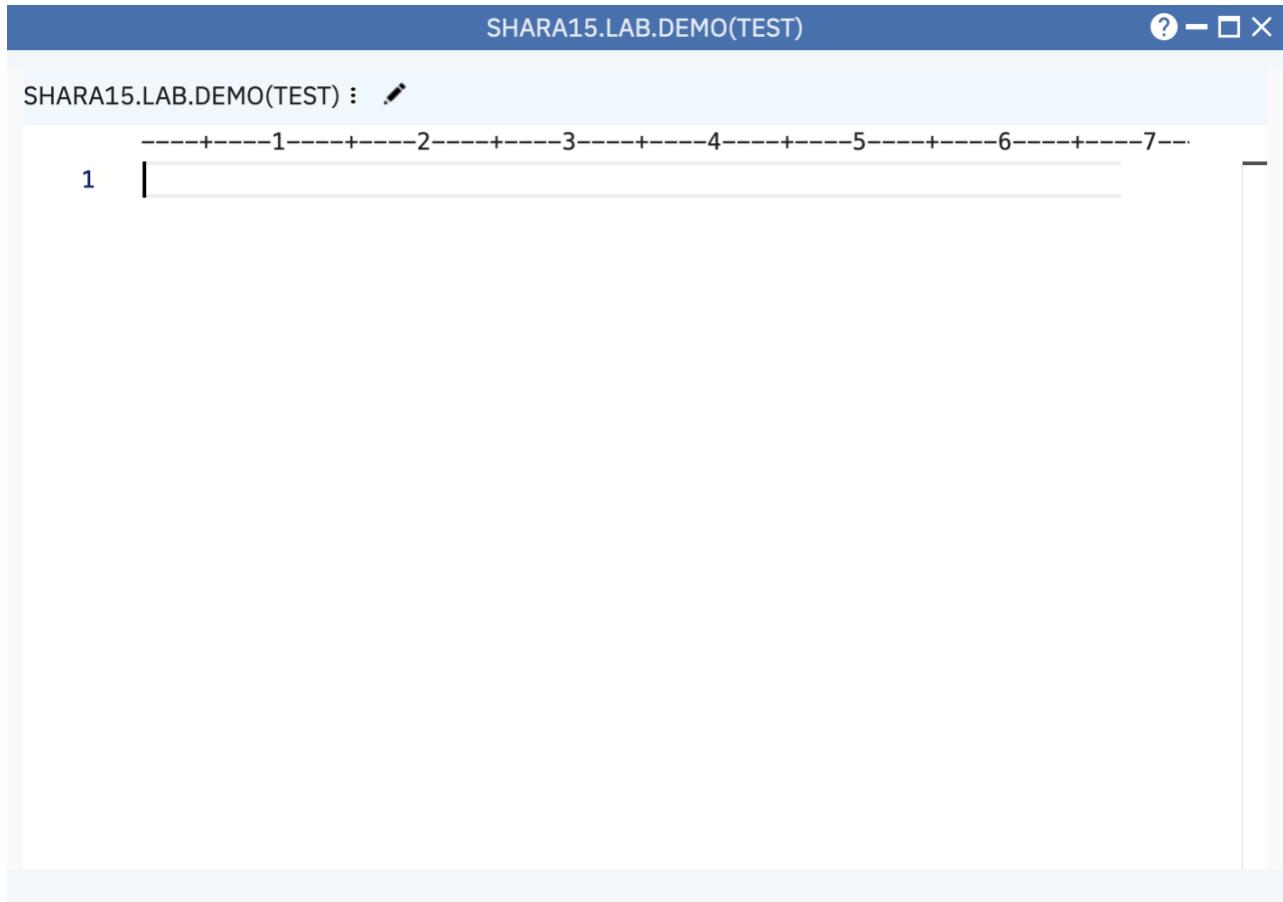
Volume

[Help](#)

Close

OK

Now, you will see the editor window of data set member “SHARA15.LAB.DEMO(TEST)”.

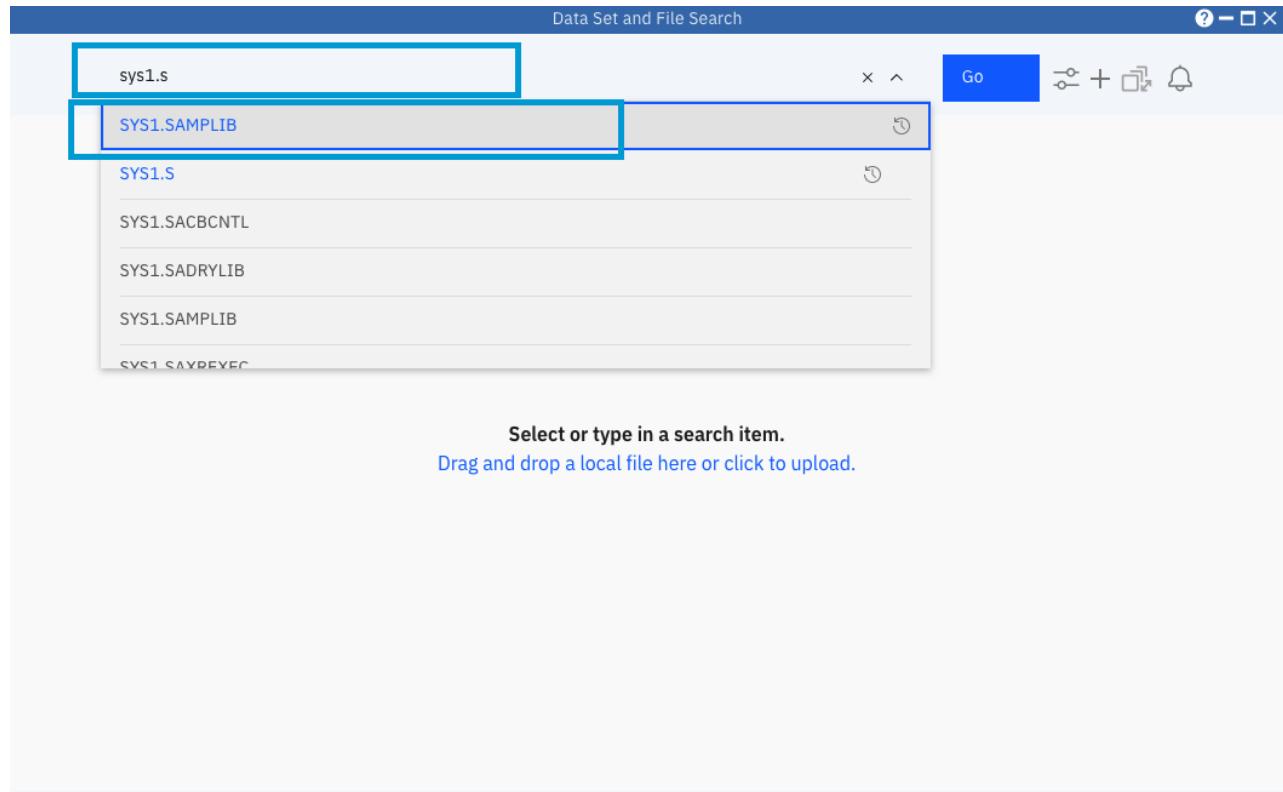


Let's close the Editor window for now.

## 4. Search data set and member

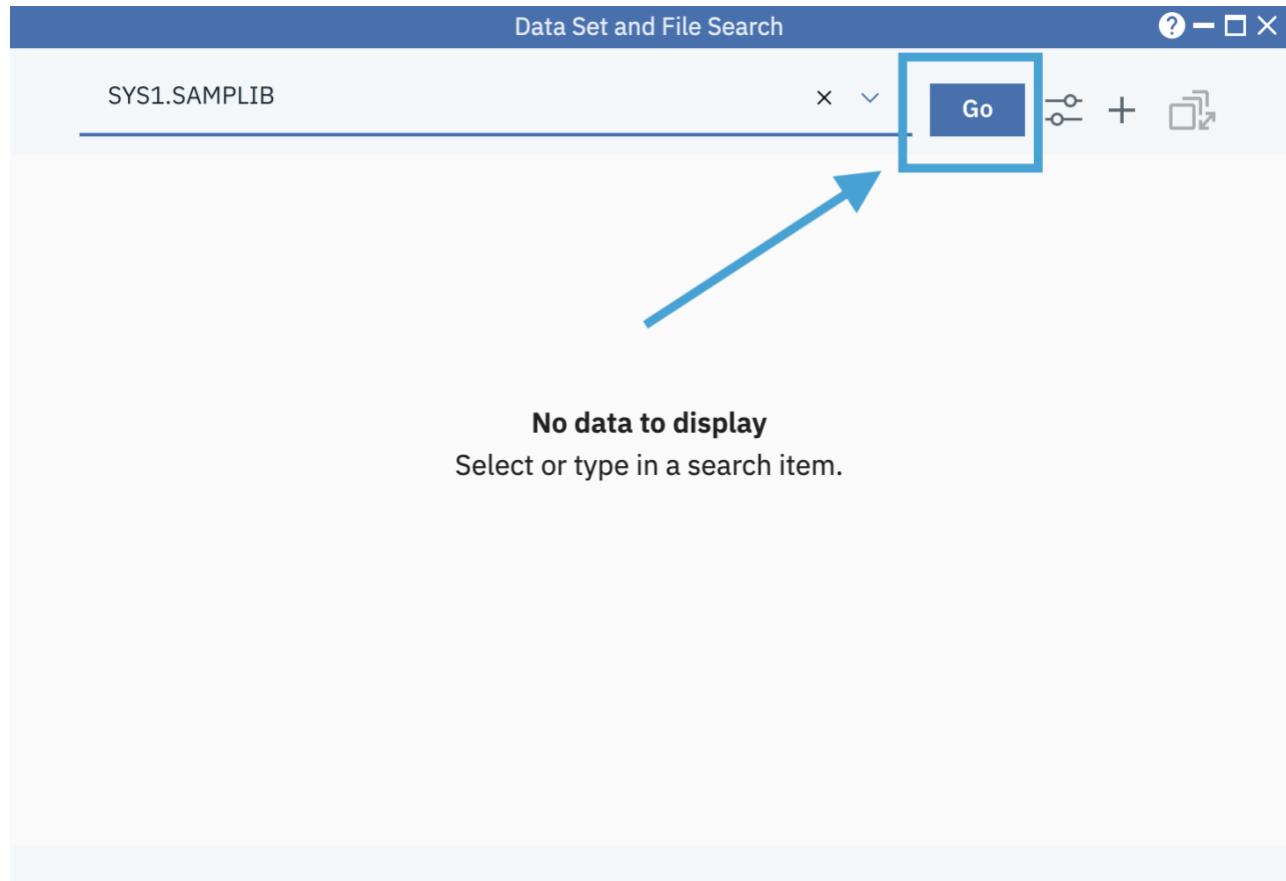
Step 4a. Open a new search window and search data set SYS1.SAMPLIB with type ahead search function

- Select the “New Search Window” from the Data Set and File Search to open one more search window.
- Input sys1.s in the search box and pause for one second. You will see the drop down list which contains all the data set names match with “SYS1.S” you just entered.
- Use Up or Down arrow key in keyboard to scroll up and down in the drop down list.
- Select SYS1.SAMPLIB and hit enter.



Step 4b. List the data set SYS1.SAMPLIB

Click Go button or press Enter.



#### Step 4c. Open member list of data set SYS1.SAMPLIB

Click on the data set name to open it. Since SYS1.SAMPLIB is a PDS/E, the member list will be displayed.

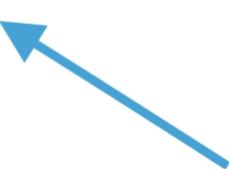
Data Set and File Search

SYS1.SAMPLIB

Go

Results(1) Items per page: 100 1-1 of 1 item 1 of 1 page

**SYS1.SAMPLIB**



The screenshot shows the 'Data Set and File Search' interface. The search term is 'SYS1.SAMPLIB'. The results list 1344 members, with the first 100 displayed. The member 'AIRINJCL' is highlighted in blue. The interface includes a toolbar with a filter icon, a 'Go' button, and a '+' button.

Member
ADFDFLTX
ADFDOLDX
ADRDXYS1
AIRINJCL
AIRPROC
AIZBLK
AIZBLKE
ALLOC00
ANFDEAL ...
ANFGPWGU
ANFMIJCL
ANFQINIT
ANFUBLK
ANFUBTBL
ANFUBTBS
ANFULINK
ANFUXBD1

Step 4d. Use Filter to quickly locate data set member AIRINJCL

Click the Filter icon on the tool bar

Search / SYS1.SAMPLIB

Member pattern search  x v

Members for SYS1.SAMPLIB(1344) Filter Items per page: **100** 1-100 of 1344 items **1** of 14 pages < >

<input type="checkbox"/> ADFDFLTX
<input type="checkbox"/> ADFDOLDX
<input type="checkbox"/> ADRDYXS1
<input type="checkbox"/> AIRINJCL
<input type="checkbox"/> AIRPROC
<input type="checkbox"/> AIZBLK
<input type="checkbox"/> AIZBLKE
<input type="checkbox"/> ALLOC00
<input type="checkbox"/> ANFDEAL
<input type="checkbox"/> ANFGPWGU
<input type="checkbox"/> ANFMIJCL

Input keyword “JCL” in the Filter input box to quickly locate the member “AIRINJCL”.

Data Set and File Search

Search / SYS1.SAMPLIB

Member pattern search  Go +

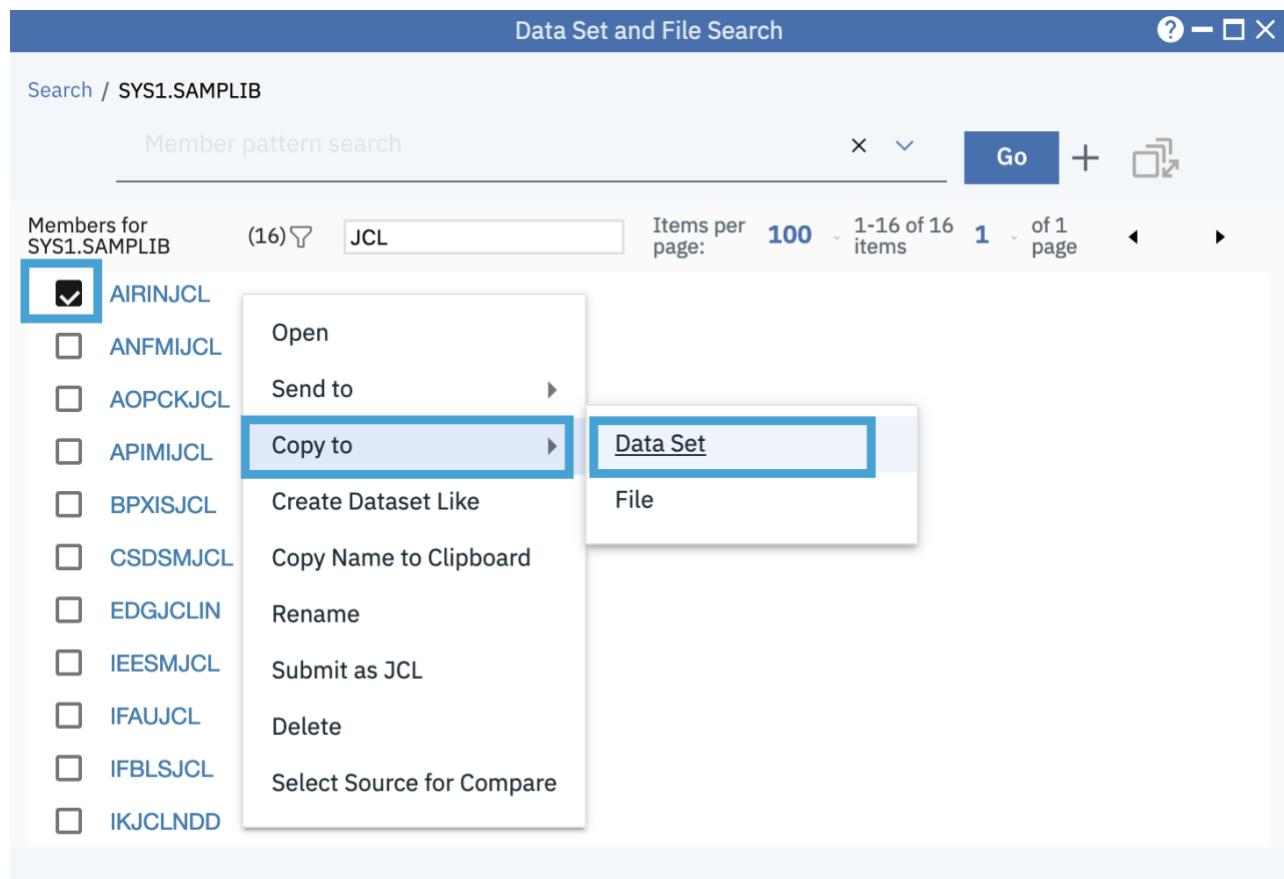
Members for SYS1.SAMPLIB (16)  Items per page: 100 1-16 of 16 items 1 of 1 page

<input type="checkbox"/> AIRINJCL
<input type="checkbox"/> ANFMIJCL
<input type="checkbox"/> AOPCKJCL
<input type="checkbox"/> APIMIJCL
<input type="checkbox"/> BPXISJCL
<input type="checkbox"/> CSDSMJCL
<input type="checkbox"/> EDGJCLIN
<input type="checkbox"/> IEESMJCL
<input type="checkbox"/> IFAUJCL
<input type="checkbox"/> IFBLSJCL
<input type="checkbox"/> IKJCLNDD

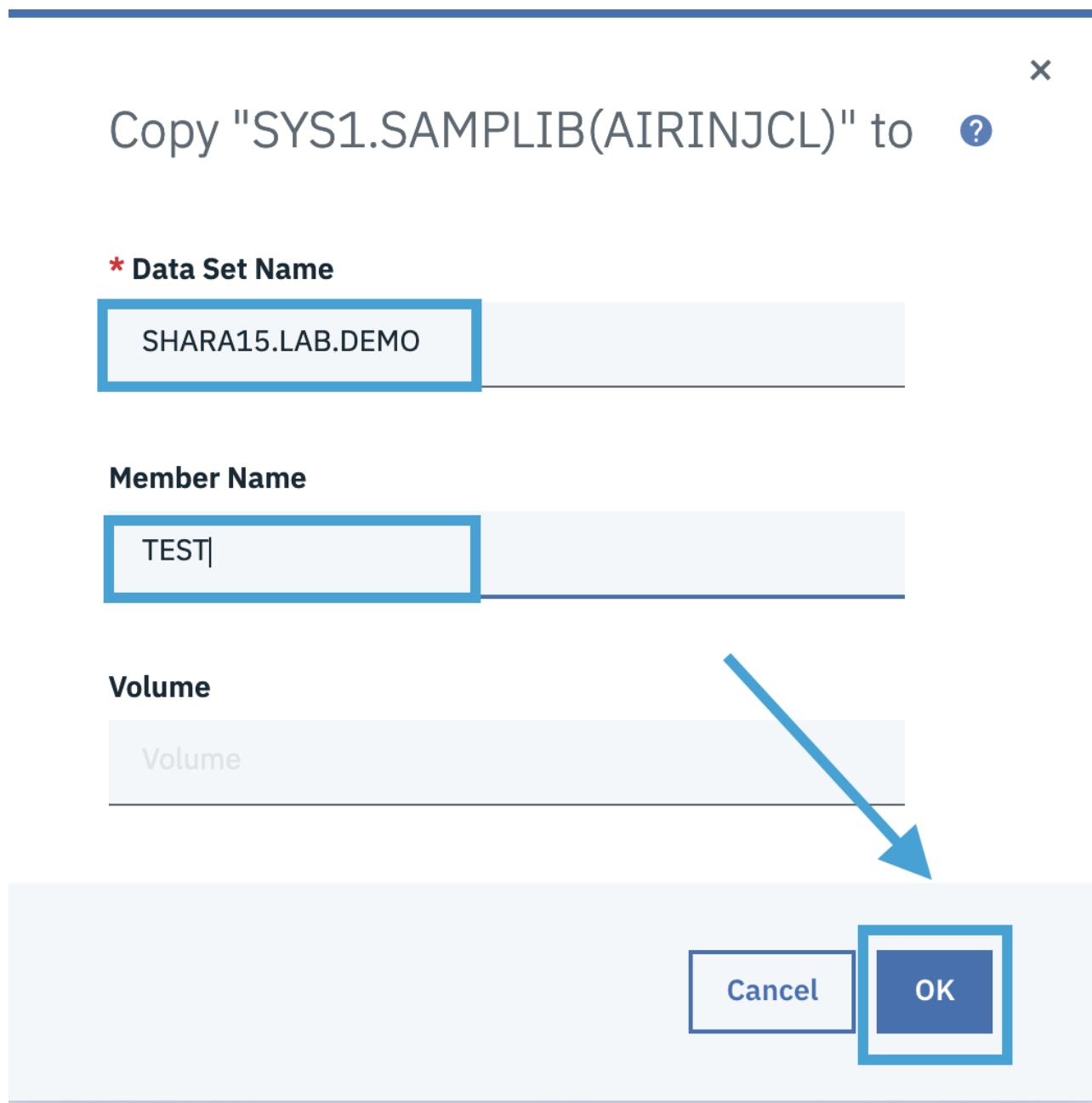
## 5. Copy and rename data set member

Step 5a. Copy data set member AIRINJCL from SYS1.SAMPLIB to SHARA15.LAB.DEMO

- Right click on the data set member AIRINJCL, then select Copy to → Data Set.



- Input <USERID>.LAB.DEMO and the Member Name as TEST. Then click OK button.



Step 5b. Check the result of Copy

Switch back to “SHARA15.LAB.DEMO” window from “Data set and File Search” dialog like below.

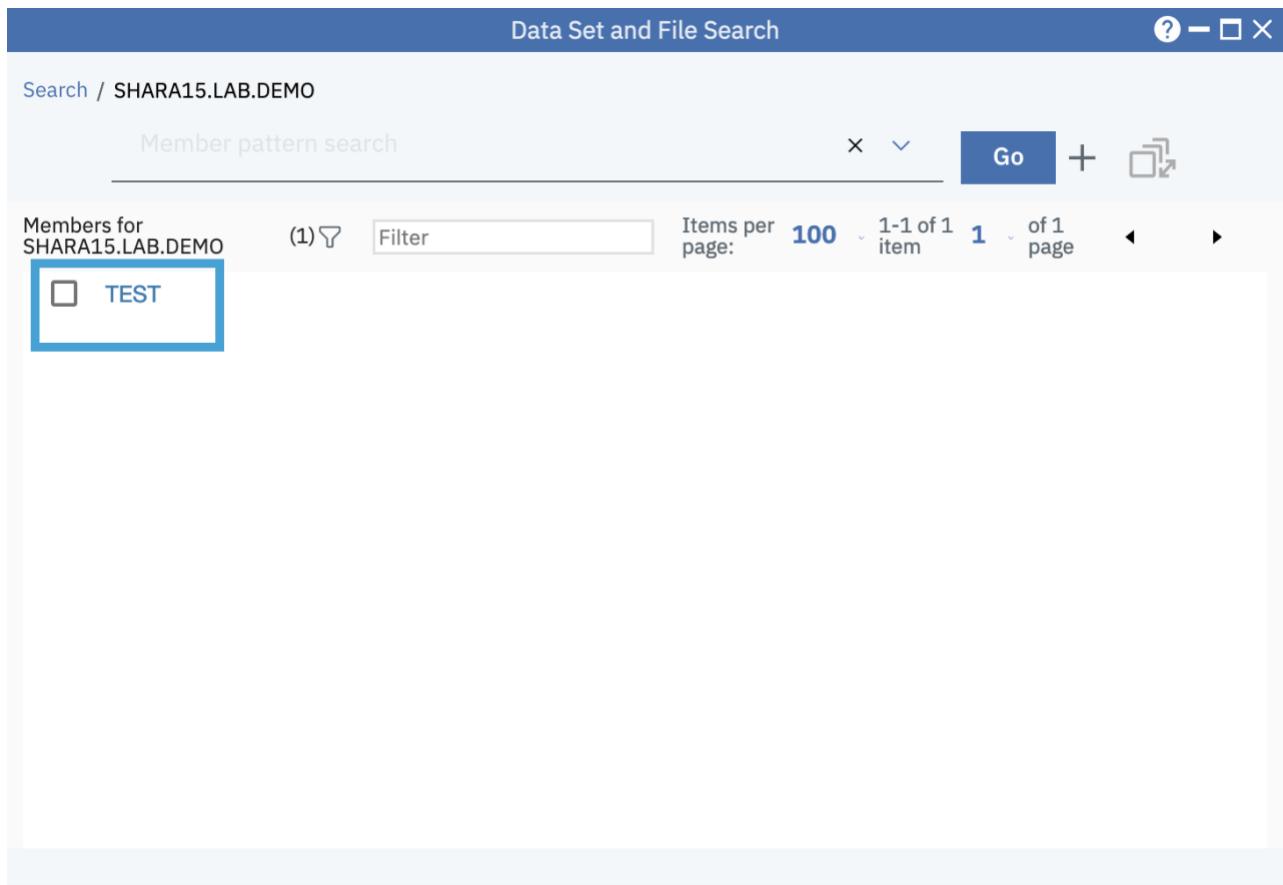
Data Set and File Search

Search / SHARA15.LAB.DEMO

Member pattern search  Go

Members for SHARA15.LAB.DEMO (1) Filter Items per page: 100 1-1 of 1 item 1 of 1 page

TEST

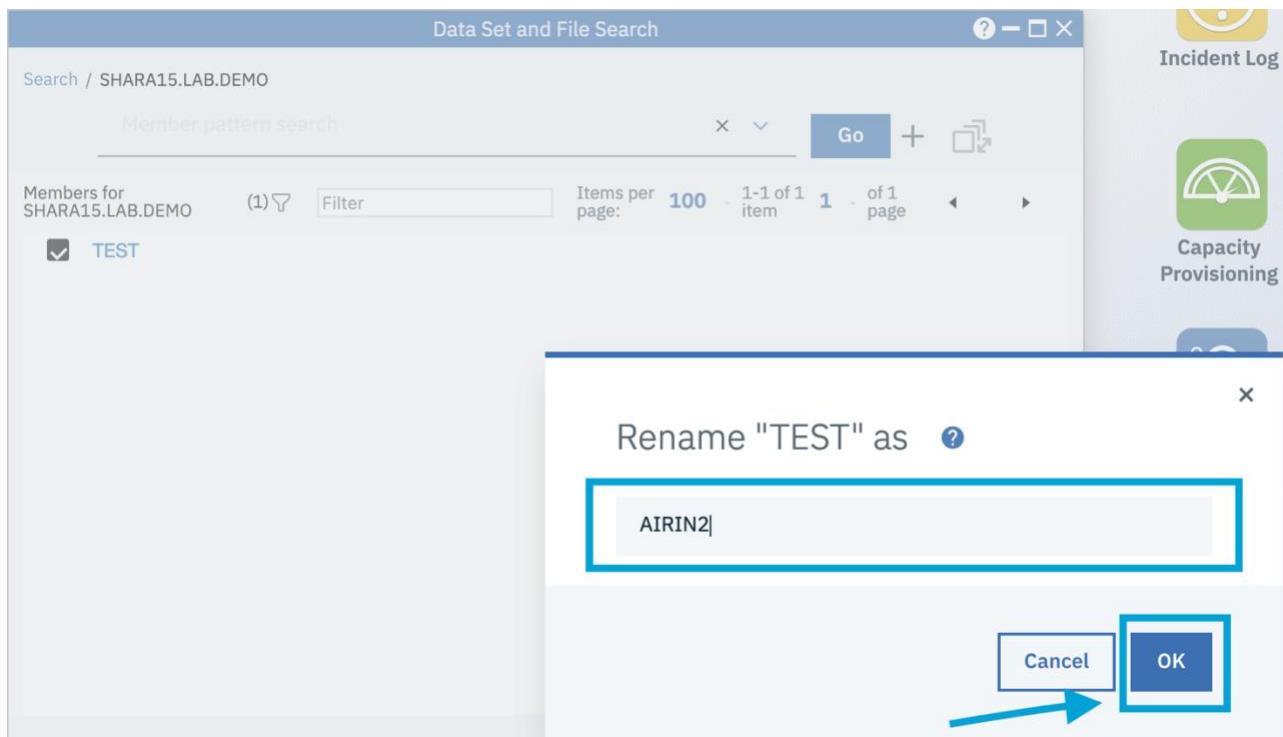


Step 5c. Rename the data set member SHARA15.LAB.DEMO(TEST)

- Right click on the member “TEST” and select “Rename”

The screenshot shows the 'Data Set and File Search' interface. At the top, it displays 'Search / SHARA15.LAB.DEMO'. Below this is a search bar labeled 'Member pattern search' with a 'Go' button and a '+' icon. The main area shows 'Members for SHARA15.LAB.DEMO' with '(1)' and a 'Filter' input field. On the right, there are pagination controls: 'Items per page: 100', '1-1 of 1 item', '1 of 1 page', and navigation arrows. A context menu is open for dataset 'TEST', listing options: Open, Send to, Copy to, Create Dataset Like, Copy Name to Clipboard, Rename (which is highlighted with a blue box), Submit as JCL, Delete, and Select Source for Compare.

The Rename dialog will be opened. Provide a new name “AIRIN2” like below. Hit OK button.



#### Step 5d. Edit content of data set member

Switch back to the “Data set and File Search” dialog and click on the member name “AIRIN2” to open the member for editing.

The screenshot shows the 'Data Set and File Search' window with the title 'Data Set and File Search' at the top right. The search bar at the top left contains the text 'Search / SHARA15.LAB.DEMO'. Below the search bar is a 'Member pattern search' input field with the placeholder 'Member pattern search'. To the right of the search bar are several buttons: a blue 'Go' button, a '+' button, and a refresh/copy icon. Underneath the search bar, the text 'Members for SHARA15.LAB.DEMO' is displayed, followed by '(1) Filter' and a 'Filter' input field. To the right of the filter field are buttons for 'Items per page:' (set to 100), '1-1 of 1 item' (page 1 of 1), and navigation arrows. A single result row is listed below this information. The result row contains a checkbox icon, the member name 'AIRIN2', and a small blue rectangular box with a white border that encloses the 'AIRIN2' text. The entire interface has a clean, modern design with a light gray background.

A new editor window will be opened like below. Click on the Pen icon to enter into Editing mode.

SHARA15.LAB.DEMO(AIRIN2)

```

SHARA15.LAB.DEMO(AIRIN2) :  
-----+---1---+---2---+---3---+---4---+---5---+---6---+---7---+--->80
1 //AIRINJCL JOB MSGCLASS=C,MSGLEVEL=(1,1),USER=XXXXXXX,NOTIFY=XXXXXXX 00010000
2 //***** 00020000
3 /* * 00030000
4 /* PROPRIETARY STATEMENT: * 00040000
5 /* Licensed Materials - Property of IBM * 00050000
6 /* 5694-A01 Copyright IBM Corp. 2010 * 00060000
7 /* * 00070000
8 /* STATUS=HBB7770 * 00080000
9 /*
10 /* DESCRIPTIVE NAME: * 00100000
11 /* This job runs PFA AIRSHREP.sh install script in batch. * 00110000
12 /*
13 /* Note: * 00130000
14 /* If your installation has previously started the PFA on * 00140000
15 /* z/OS V1R10 or z/OS V1R11 and you want to preserve the history * 00150000
16 /* data then use the 'migrate' parameter when invoking * 00160000
17 /* AIRSHREP.sh script. * 00170000
18 /* /pfa is the home directory of the user ID that owns the PFA * 00181005
19 /* started task. * 00182005
20 /* // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate' * 00200004
21 /* * 00210000
22 /* If your installation is going to start PFA for the first time * 00220000
23 /* or you want to start with clean directories then use the * 00230000
24 /* 'new' parameter when invoking AIRSHREP.sh script. * 00240000
25 /* * 00250000
26 /* // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' * 00260004
27 /* * 00270000
28 /* On PARM= statement '/pfa' needs to be replaced by the * 00280005
29 /* home directory of the user ID that owns the PFA started task. * 00290005

```

Press Control + F Key (on Windows) to open the Find + Replace tool. (Mac is Command + F).

SHARA15.LAB.DEMO(AIRIN2) :

```
-----+---1---+---2---+---3---+---4---+---5---+---6---+---7---  
1 //AIRINJCL JOB      Find          Aa AbI * No Results ← → ⌂ x  
2 //*****  
3 /*  
4 /* PROPRIETARY STATEMENT:  
5 /* Licensed Materials - Property of IBM  
6 /* 5694-A01 Copyright IBM Corp. 2010  
7 /*  
8 /* STATUS=HBB7770  
9 /*  
10 /* DESCRIPTIVE NAME:  
11 /* This job runs PFA AIRSHREP.sh install script in batch.  
12 /*  
13 /* Note:  
14 /* If your installation has previously started the PFA on  
15 /* z/OS V1R10 or z/OS V1R11 and you want to preserve the history  
16 /* data then use the 'migrate' parameter when invoking  
17 /* AIRSHREP.sh script.  
18 /* /tmp is the home directory of the user ID that owns the PFA
```

Input tmp in Find box to search the content which contains “tmp”.

SHARA15.LAB.DEMO(AIRIN2)

```

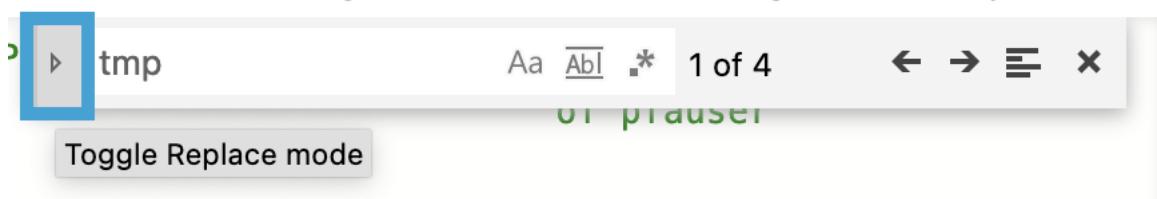
SHARA15.LAB.DEMO(AIRIN2) :

-----+---1---+---2---+---3---+---4---+---5---+---6---+---7---
33 //**      $L1=SCPI > tmp                               Aa AbI * 1 of 4   ← → ⌂ ×
34 //**
35 //**
36 //*****                                                 USEI
37 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 //**
41 //STDOUT    DD PATH='/tmp/pfainst.out',
42 //           PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
43 //           PATHMODE=(SIRWXU)
44 //STDERR    DD PATH='/tmp/pfainst.err',
45 //           PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
46 //           PATHMODE=(SIRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP  DD SYSOUT=*
49 //SYSMDUMP  DD SYSOUT=*

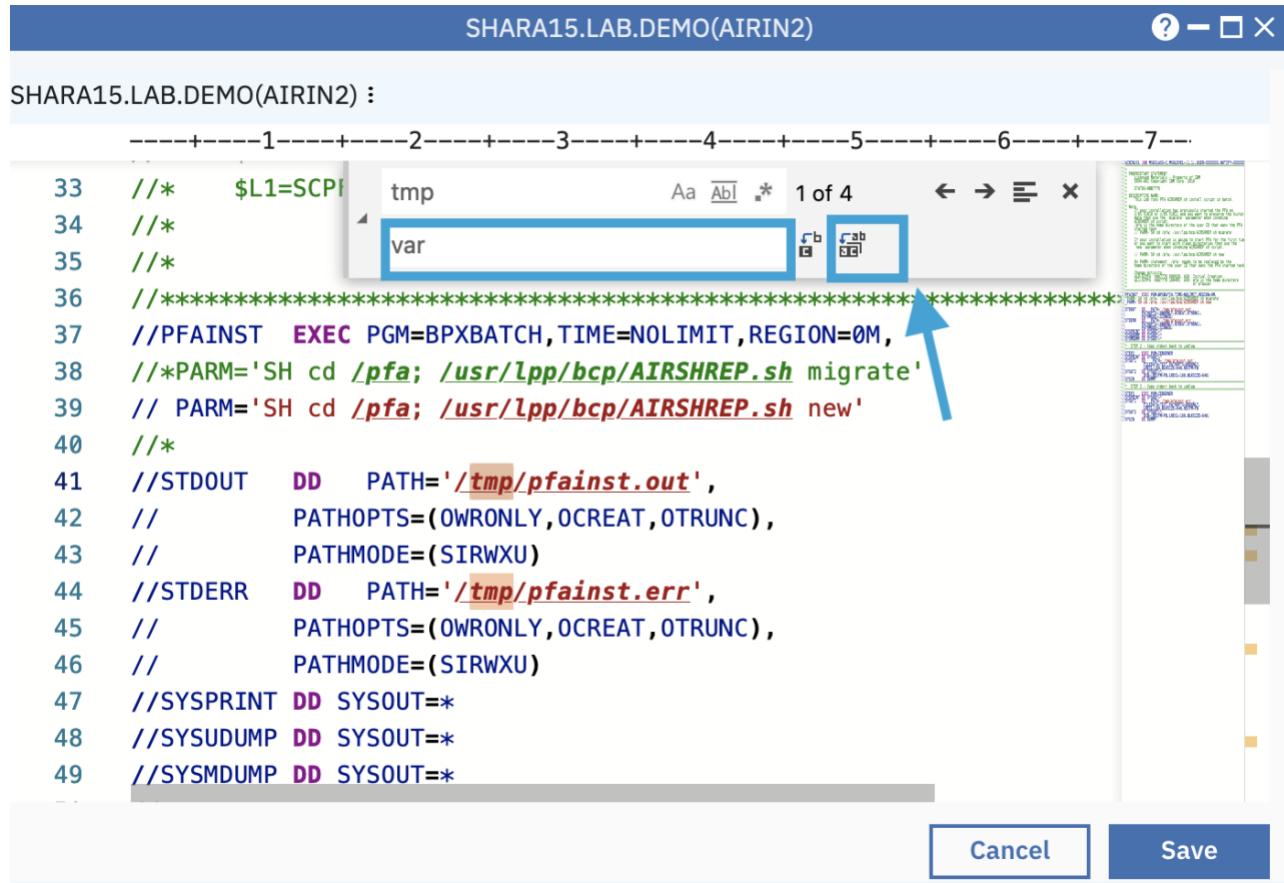
```

Cancel      Save

Click the Toggle Replace mode.



Input "var" in the replace box and click the Replace All icon to change all "tmp" to "var".



The screenshot shows a z/OSMF Editor window titled "SHARA15.LAB.DEMO(AIRIN2)". The main area displays a JCL file for "AIRSHREP.sh". The code includes several //PFAINST EXEC statements and various DD statements. The tabs bar at the top has "tmp" selected, and the "var" tab is also highlighted with a blue border. At the bottom right of the editor window are "Cancel" and "Save" buttons. A blue arrow points from the "Save" button towards the tabs bar.

```
SHARA15.LAB.DEMO(AIRIN2)

SHARA15.LAB.DEMO(AIRIN2) :

-----+---1---+---2---+---3---+---4---+---5---+---6---+---7---
33 /*      $L1=SCPf tmp          Aa AbI * 1 of 4 ← → = ×
34 /*
35 /**
36 //*****var*****
37 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 /*
41 //STDOUT   DD PATH='/tmp/pfainst.out',
42 //           PATHOPTS=(OWRONLY,O_CREAT,O_TRUNC),
43 //           PATHMODE=(S_IRWXU)
44 //STDERR   DD PATH='/tmp/pfainst.err',
45 //           PATHOPTS=(OWRONLY,O_CREAT,O_TRUNC),
46 //           PATHMODE=(S_IRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP  DD SYSOUT=*
49 //SYSMDUMP  DD SYSOUT=*
```

Click the Save button to save changes.

SHARA15.LAB.DEMO(AIRIN2)

SHARA15.LAB.DEMO(AIRIN2) :

```

-----+---1---+---2---+---3---+---4---+---5---+---6---+---7---
33  /*      $L1=SCPI    tmp          Aa Abl * No Results ← → E ×
34  /*
35  /*
36  //*****
37  //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38  //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39  // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40  /*
41  //STDOUT   DD   PATH='/var/pfainst.out',
42  //           PATHOPTS=(OWRONLY,UCREAT,OTRUNC),
43  //           PATHMODE=(SIRWXU)
44  //STDERR   DD   PATH:'/var/pfainst.err',
45  //           PATHOPTS=(OWRONLY,UCREAT,OTRUNC),
46  //           PATHMODE=(SIRWXU)
47  //SYSPRINT DD  SYSOUT=*
48  //SYSUDUMP DD  SYSOUT=*
49  //SYSMDUMP DD  SYSOUT=*

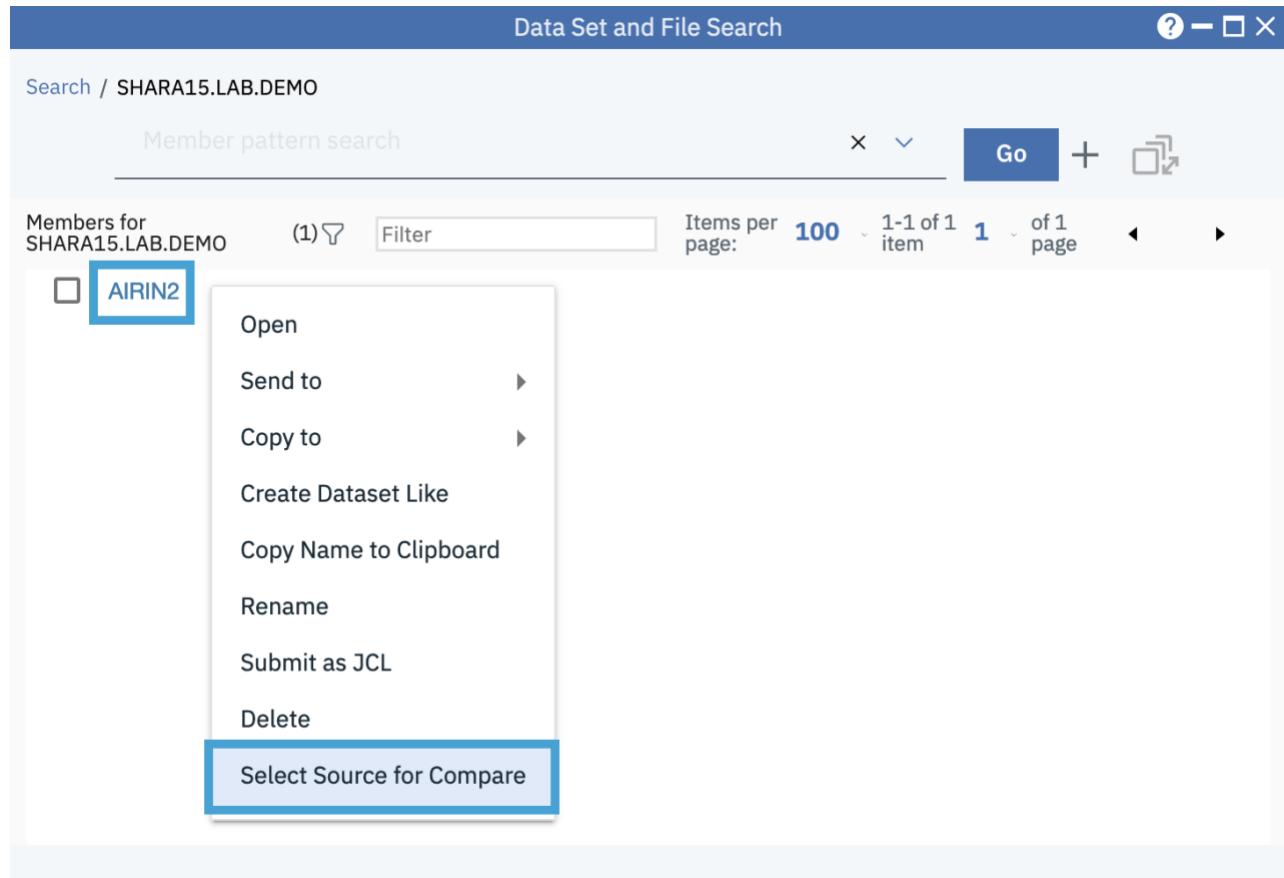
```

Cancel Save

## 6. Compare and merge data set members

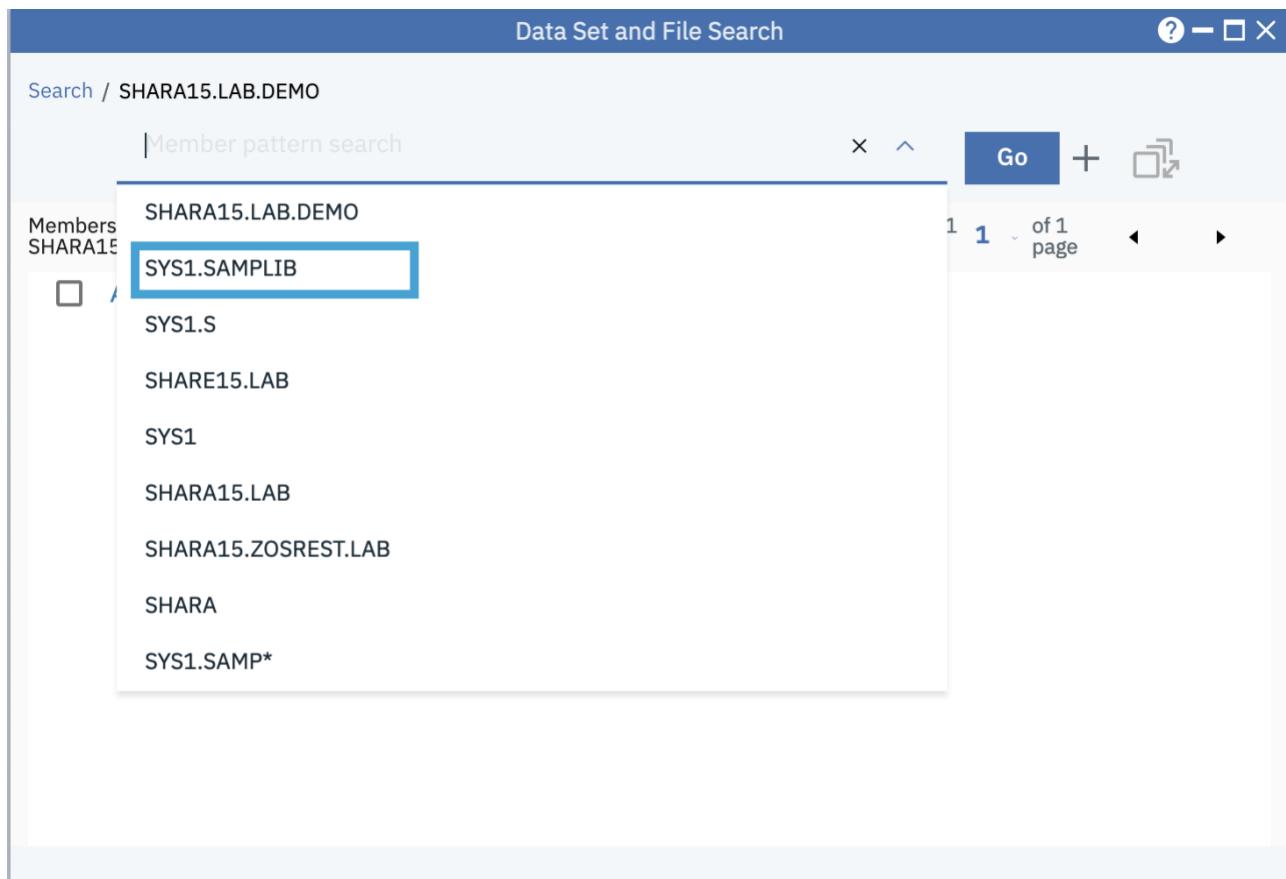
### Step 6a. Select source for compare

- Reselect the Data Set and File Search window.
- Select dataset member AIRIN2 → right click → select menu “Select Source for Compare”.



### Step 6b. Select another source for compare

- Move the cursor to the search input box.
- Select “SYS1.SAMPLIB” from the dropdown history list.



After the data set name SYS1.SAMPLIB is populated in the input box, click Go button or press Enter to list the data set.

The screenshot shows the 'Data Set and File Search' interface. At the top, there is a search bar containing 'SYS1.SAMPLIB'. Below the search bar are buttons for 'Go', 'Filter', and other search options. The main area displays 'Results(1)'. A single item, 'SYS1.SAMPLIB ...', is listed, with its entire row highlighted by a blue border. To the left of the item name is a small icon.

Click on the data set name to open member list of SYS1.SAMPLIB. Then enter “JCL” in the Filter input box on tool bar like below.

Data Set and File Search

Search / SYS1.SAMPLIB

Member pattern search  Go +

Members for SYS1.SAMPLIB(16)   Items per page: 100 1-16 of 16 items 1 of 1 page ▲ ▼

- AIRINJCL
- ANFMIJCL ...
- AOPCKJCL
- APIMIJCL
- BPXISJCL
- CSDSMJCL
- EDGJCLIN
- IEESMJCL
- IFAUJCL
- IFBLSJCL
- IKJCLNDD
- ISCJCL80
- ISCJCL86
- JVMJCL86
- LKEDJCL
- RACJCL

### Step 6c. Compare two members

Right click on member name “AIRINJCL”, select menu “Compare with SHARA15.LAB.DEMO(AIRIN2)”

Data Set and File Search

Search / SYS1.SAMPLIB

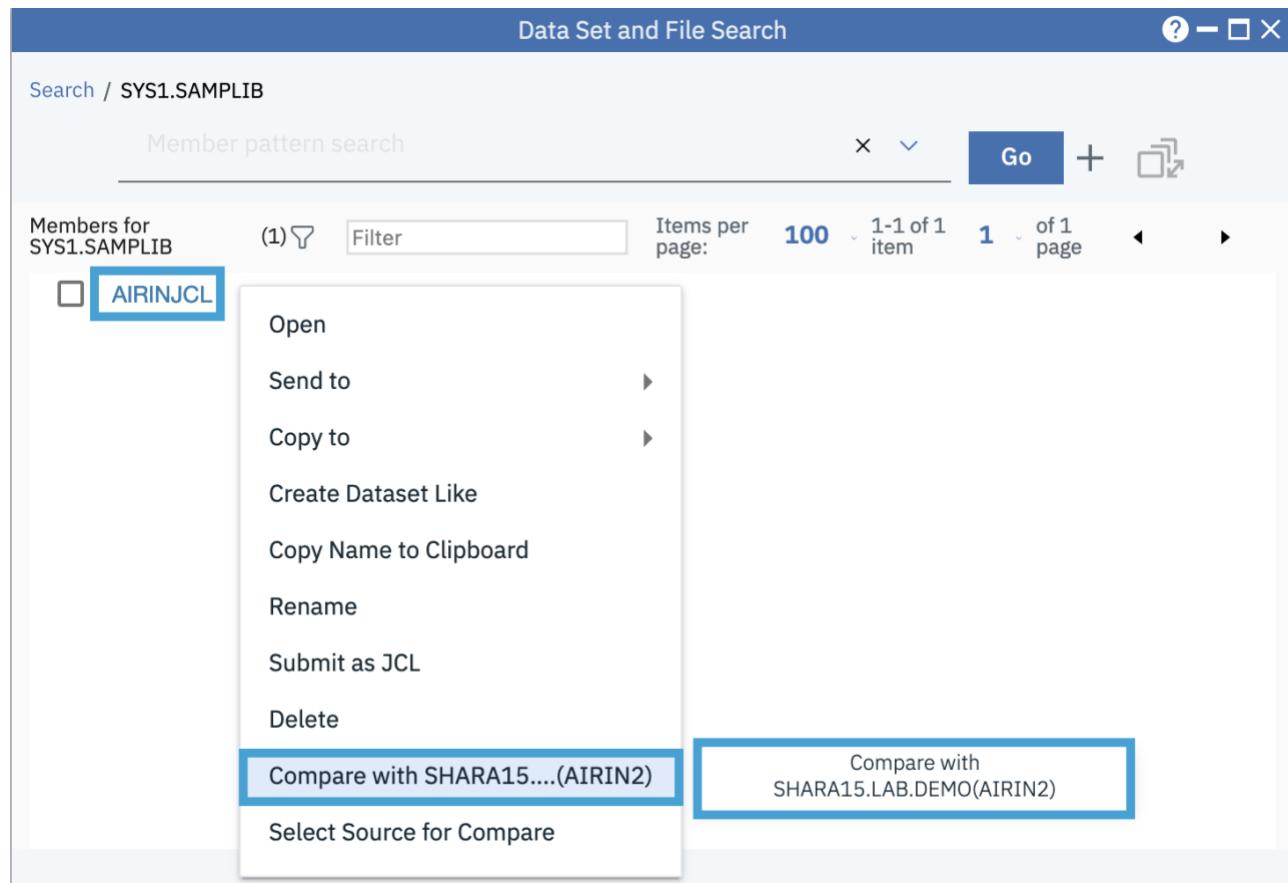
Member pattern search  Go

Members for SYS1.SAMPLIB (1) Filter Items per page: 100 1-1 of 1 item 1 of 1 page

AIRINJCL

- Open
- Send to
- Copy to
- Create Dataset Like
- Copy Name to Clipboard
- Rename
- Submit as JCL
- Delete
- Compare with SHARA15....(AIRIN2)
- Select Source for Compare

Compare with SHARA15.LAB.DEMO(AIRIN2)



A compare window will be opened like below.

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)

Previous Difference EMO(AIRIN2)

```

20 /* 01 PARM= Statement /pfa needs to be replaced by the * 00200000
21 /* home directory of the user ID that owns the PFA started task. * 00290005
22 //*
23 // Change Activity: * 00310000
24 // $L0=SCPFA hbb7770 090920, ASH: Initial Creation * 00320000
25 // $L1=SCPFA hbb7770 100405 ASH: pfa is the home directory * 00321003
26 // of pfouser * 00330003
27 //***** * 00331003
28 //PAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M, * 00340000
29 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate' 00350000
30 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00360004
31 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00370004
32 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00380000
33 //***** * 00380000
34 //STDOUT DD PATH='/var/pfainst.out', 00390000
35 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC), 00400000
36 // PATHMODE=(SIRWXU) 00410000
37 //STDERR DD PATH='/var/pfainst.err', 00420000
38 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC), 00430000
39 // PATHMODE=(SIRWXU) 00440000
40 //SYSPRINT DD SYSOUT=* 00450000
41 //SYSUDUMP DD SYSOUT=* 00460000
42 //SYSMDUMP DD SYSOUT=* 00470000
43 //***** * 00480000
44 //STEP 2 - Copy stdout back to joblog */ 00490000
45 //***** * 00500000
46 //STEP2 EXEC PGM=IEBGENER 00510000
47 //SYSPRINT DD SYSOUT=* 00520000
48 //***** * 00530000
49 //SYSUT1 DD PATH='/var/pfainst.out', 00540000
50 // FILEDATA=TEXT,PATHOPTS=ORDONLY, 00550000
51 // LRECL=160,BLKSIZE=640,RECFM=FB 00560000
52 //SYSUT2 DD SYSOUT=*, 00570000
53 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640) 00580000
54 //SYSIN DD DUMMY 00590000
55 //***** * 00600000
56 //STEP 3 - Copy stderr back to joblog */ 00610000
57 //***** * 00620000
58 //STEP3 EXEC PGM=IEBGENER 00630000
59 //SYSPRINT DD SYSOUT=* 00640000
60 //***** * 00650000
61 //SYSUT1 DD PATH='/var/pfainst.err', 00660000
62 // FILEDATA=TEXT,PATHOPTS=ORDONLY, 00670000
63 // LRECL=160,BLKSIZE=640,RECFM=FB 00680000

```

SYS1.SAMPLIB(AIRINJCL)

```

20 /* 01 PARM= Statement /pfa needs to be replaced by the * 00200000
21 /* home directory of the user ID that owns the PFA started task. * 00290005
22 //*
23 // Change Activity: * 00310000
24 // $L0=SCPFA hbb7770 090920, ASH: Initial Creation * 00320000
25 // $L1=SCPFA hbb7770 100405 ASH: pfa is the home directory * 00321003
26 // of pfouser * 00330003
27 //***** * 00331003
28 //PAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M, * 00340000
29 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate' 00350000
30 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00360004
31 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00370004
32 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new' 00380000
33 //***** * 00380000
34 //STDOUT DD PATH='/tmp/pfainst.out', 00390000
35 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC), 00400000
36 // PATHMODE=(SIRWXU) 00410000
37 //STDERR DD PATH='/tmp/pfainst.err', 00420000
38 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC), 00430000
39 // PATHMODE=(SIRWXU) 00440000
40 //SYSPRINT DD SYSOUT=* 00450000
41 //SYSUDUMP DD SYSOUT=* 00460000
42 //SYSMDUMP DD SYSOUT=* 00470000
43 //***** * 00480000
44 //STEP 2 - Copy stdout back to joblog */ 00490000
45 //***** * 00500000
46 //STEP2 EXEC PGM=IEBGENER 00510000
47 //SYSPRINT DD SYSOUT=* 00520000
48 //***** * 00530000
49 //SYSUT1 DD PATH='/tmp/pfainst.out', 00540000
50 // FILEDATA=TEXT,PATHOPTS=ORDONLY, 00550000
51 // LRECL=160,BLKSIZE=640,RECFM=FB 00560000
52 //SYSUT2 DD SYSOUT=*, 00570000
53 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640) 00580000
54 //SYSIN DD DUMMY 00590000
55 //***** * 00600000
56 //STEP 3 - Copy stderr back to joblog */ 00610000
57 //***** * 00620000
58 //STEP3 EXEC PGM=IEBGENER 00630000
59 //SYSPRINT DD SYSOUT=* 00640000
60 //***** * 00650000
61 //SYSUT1 DD PATH='/tmp/pfainst.err', 00660000
62 // FILEDATA=TEXT,PATHOPTS=ORDONLY, 00670000
63 // LRECL=160,BLKSIZE=640,RECFM=FB 00680000

```

#### Step 6d. Copy the first difference from right to left

Now we are at the first difference, click the Copy to Left button on the top left to copy the current difference from right to left.

```

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)
SHARA15.L Copy to Left <- [N2] SYS1.SAMPLIB(AIRINJCL)

27 /**
28 /* On PARM= statement '/pfa' needs to be replaced b
29 /* home directory of the user ID that owns the PFA
30 /**
31 /* Change Activity:
32 /**
33 $L0=SCPFA hbb7770 090920, ASH: Initial Creation
34 /**
35 /**
36 //******/PAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
37 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
38 // /*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
39 /**
40 /**
41 //STDOUT DD PATH='/var/pfainst.out',
42 /**
43 /**
44 //STDERR DD PATH='/var/pfainst.err',
45 /**
46 /**
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //******/STEP 2 - Copy stdout back to joblog
51 /**
52 //******/STEP2 EXEC PGM=IEBGENER
53 /**
54 //SYSPRINT DD SYSOUT=*
55 //SYSUT1 DD PATH='/var/pfainst.out',
56 /**
FILEDATA=TEXT,PATHOPTS=ORDONLY,

```

```

27 /**
28 /* On PARM= statement '/pfa' needs to be replaced b
29 /* home directory of the user ID that owns the PFA
30 /**
31 /* Change Activity:
32 /**
33 $L0=SCPFA hbb7770 090920, ASH: Initial Creation
34 /**
35 /**
36 //******/PAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
37 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
38 // /*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
39 /**
40 /**
41 //STDOUT DD PATH='/tmp/pfainst.out',
42 /**
43 /**
44 //STDERR DD PATH='/tmp/pfainst.err',
45 /**
46 /**
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //******/STEP 2 - Copy stdout back to joblog
51 /**
52 //******/STEP2 EXEC PGM=IEBGENER
53 /**
54 //SYSPRINT DD SYSOUT=*
55 //SYSUT1 DD PATH='/tmp/pfainst.out',
56 /**
FILEDATA=TEXT,PATHOPTS=ORDONLY,

```

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)

```

SHARA15.LAB.DEMO(AIRIN2)          SYS1.SAMPLIB(AIRINJCL)
 37 //PFAINST EXEC PGM=BPXBATCH,TIME=NULIMIT,REGION=0M,
 38 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
 39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
 40 /**
 41 //STDOUT DD PATH='/tmp/pfainst.out',
 42 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
 43 // PATHMODE=(SIRWXU)
 44//STDERR DD PATH='/var/pfainst.err',
 45 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
 46 // PATHMODE=(SIRWXU)
 47 //SYSPRINT DD SYSOUT=*
 48 //SYSUDUMP DD SYSOUT=*
 49 //SYSMDUMP DD SYSOUT=*
 50 //*****
 51 /* STEP 2 - Copy stdout back to joblog
 52 //*****
 53 //STEP2 EXEC PGM=IEBGENER
 54 //SYSPRINT DD SYSOUT=*
 55//SYSUT1 DD PATH='/var/pfainst.out',
 56 // FILEDATA=TEXT,PATHOPTS=ORDONLY,
 57 // LRECL=160,BLKSIZE=640,RECFM=FB
 58 //SYSUT2 DD SYSOUT=*,  

 59 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
 60 //SYSIN DD DUMMY
 61 //*****
 62 /* STEP 3 - Copy stderr back to joblog
 63 //*****
 64 //STEP3 EXEC PGM=IEBGENER
 65 //SYSPRINT DD SYSOUT=*
 66//SYSUT1 DD PATH='/var/pfainst.err',

```

```

37 //PFAINST EXEC PGM=BPXBATCH,TIME=NULIMIT,REGION=0M,
38 //PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 /**
41 //STDOUT DD PATH='/tmp/pfainst.out',
42 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
43 // PATHMODE=(SIRWXU)
44//STDERR DD PATH='/tmp/pfainst.err',
45 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
46 // PATHMODE=(SIRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //*****
51 /* STEP 2 - Copy stdout back to joblog
52 //*****
53 //STEP2 EXEC PGM=IEBGENER
54 //SYSPRINT DD SYSOUT=*
55//SYSUT1 DD PATH='/tmp/pfainst.out',
56 // FILEDATA=TEXT,PATHOPTS=ORDONLY,
57 // LRECL=160,BLKSIZE=640,RECFM=FB
58 //SYSUT2 DD SYSOUT=*,  

59 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
60 //SYSIN DD DUMMY
61 //*****
62 /* STEP 3 - Copy stderr back to joblog
63 //*****
64 //STEP3 EXEC PGM=IEBGENER
65 //SYSPRINT DD SYSOUT=*
66//SYSUT1 DD PATH='/tmp/pfainst.err',

```

Step 6e. Copy the difference from left to right.

To change the third difference at the right side, we can either use the Next Difference button to navigate to it, or simply put the cursor at the third difference, and click the Copy to Right button.

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)

```

SHARA15.LAB.DEMO(AIRIN2)          SYS1.SAMPLIB(AIRINJCL)
 38 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
 39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
 40 ///*
 41 //STDOUT  DD  PATH='/tmp/pfainst.out',
 42 //          PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
 43 //          PATHMODE=(SIRWXU)
 44//STDERR  DD  PATH='/var/pfainst.err',
 45 //          PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
 46 //          PATHMODE=(SIRWXU)
 47 //SYSPRINT DD SYOUT=*
 48 //SYSUDUMP DD SYOUT=*
 49 //SYSMDUMP DD SYOUT=*
 50 //***** STEP 2 - Copy stdout back to joblog *****
 51 /* STEP 2 - Copy stdout back to joblog
 52 *****
 53 //STEP2  EXEC PGM=IEBGENER
 54 //SYSPRINT DD SYOUT=*
 55//SYSUT1  DD  PATH='/var/pfainst.out', | , |
 56 //          FILEDATA=TEXT,PATHOPTS=ORDONLY,
 57 //          LRECL=160,BLKSIZE=640,RECFM=FB
 58 //SYSUT2  DD SYOUT=*, ,
 59 //          DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
 60 //SYSIN   DD DUMMY
 61 //***** STEP 3 - Copy stderr back to joblog
 62 /* STEP 3 - Copy stderr back to joblog
 63 *****
 64 //STEP3  EXEC PGM=IEBGENER
 65 //SYSPRINT DD SYOUT=*
 66//SYSUT1  DD  PATH='/var/pfainst.err',
 67 //          FILEDATA=TEXT.PATHOPTS=ORDONLY.

 38 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
 39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
 40 ///*
 41 //STDOUT  DD  PATH='/tmp/pfainst.out',
 42 //          PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
 43 //          PATHMODE=(SIRWXU)
 44//STDERR  DD  PATH='/tmp/pfainst.err',
 45 //          PATHOPTS=(OWRONLY,O_CREAT,OTRUNC),
 46 //          PATHMODE=(SIRWXU)
 47 //SYSPRINT DD SYOUT=*
 48 //SYSUDUMP DD SYOUT=*
 49 //SYSMDUMP DD SYOUT=*
 50 //***** STEP 2 - Copy stdout back to joblog *****
 51 /* STEP 2 - Copy stdout back to joblog
 52 *****
 53 //STEP2  EXEC PGM=IEBGENER
 54 //SYSPRINT DD SYOUT=*
 55//SYSUT1  DD  PATH='/tmp/pfainst.out',
 56 //          FILEDATA=TEXT,PATHOPTS=ORDONLY,
 57 //          LRECL=160,BLKSIZE=640,RECFM=FB
 58 //SYSUT2  DD SYOUT=*, ,
 59 //          DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
 60 //SYSIN   DD DUMMY
 61 //***** STEP 3 - Copy stderr back to joblog
 62 /* STEP 3 - Copy stderr back to joblog
 63 *****
 64 //STEP3  EXEC PGM=IEBGENER
 65 //SYSPRINT DD SYOUT=*
 66//SYSUT1  DD  PATH='/tmp/pfainst.err',
 67 //          FILEDATA=TEXT.PATHOPTS=ORDONLY.

```

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)

SHAFCopy to Right - AIRIN2

```

36 //*****
37 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38 //*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 /**
41 //STDOUT DD PATH='/tmp/pfainst.out',
42 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
43 // PATHMODE=(SIRWXU)
44//STDERR DD PATH='/var/pfainst.err',
45 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
46 // PATHMODE=(SIRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //*****
51 /* STEP 2 - Copy stdout back to joblog
52 //*****
53 //STEP2 EXEC PGM=IEBGENER
54 //SYSPRINT DD SYSOUT=*
55//SYSUT1 DD PATH='/var/pfainst.out', |
56 // FILEDATA=TEXT,PATHOPTS=ORDONLY,
57 // LRECL=160,BLKSIZE=640,RECFM=FB
58 //SYSUT2 DD SYSOUT=*,|
59 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
60 //SYSIN DD DUMMY
61 //*****
62 /* STEP 3 - Copy stderr back to joblog
63 //*****
64 //STEP3 EXEC PGM=IEBGENER

```

SYS1.SAMPLIB(AIRINJCL)

```

36 //*****
37 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38 //*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 /**
41 //STDOUT DD PATH='/tmp/pfainst.out',
42 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
43 // PATHMODE=(SIRWXU)
44//STDERR DD PATH='/tmp/pfainst.err',
45 // PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
46 // PATHMODE=(SIRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //*****
51 /* STEP 2 - Copy stdout back to joblog
52 //*****
53 //STEP2 EXEC PGM=IEBGENER
54 //SYSPRINT DD SYSOUT=*
55//SYSUT1 DD PATH='/tmp/pfainst.out', |
56 // FILEDATA=TEXT,PATHOPTS=ORDONLY,
57 // LRECL=160,BLKSIZE=640,RECFM=FB
58 //SYSUT2 DD SYSOUT=*,|
59 // DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
60 //SYSIN DD DUMMY
61 //*****
62 /* STEP 3 - Copy stderr back to joblog
63 //*****
64 //STEP3 EXEC PGM=IEBGENER

```

```

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)
SHARA15.LAB.DEMO(AIRIN2)          SYS1.SAMPLIB(AIRINJCL)

34 //**                                     of pfauser
35 /**
36 //*****                                      *****
37 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
38 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
39 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
40 /**
41 //STDOUT  DD PATH='/tmp/pfainst.out',
42 //          PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
43 //          PATHMODE=(SIRWXU)
44+//STDERR DD PATH='/var/pfainst.err',
45 //          PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
46 //          PATHMODE=(SIRWXU)
47 //SYSPRINT DD SYSOUT=*
48 //SYSUDUMP DD SYSOUT=*
49 //SYSMDUMP DD SYSOUT=*
50 //*****
51 //** STEP 2 - Copy stdout back to joblog
52 //*****
53 //STEP2  EXEC PGM=IEBGENER
54 //SYSPRINT DD SYSOUT=*
55 //SYSUT1 DD PATH='/var/pfainst.out',
56 //          FILEDATA=TEXT,PATHOPTS=ORDONLY,
57 //          LRECL=160,BLKSIZE=640,RECFM=FB
58 //SYSUT2  DD SYSOUT=*,,
59 //          DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
60 //SYSIN   DD DUMMY
61 //*****
62 //** STEP 3 - Copy stderr back to joblog
63 //*****                                     of pfauser
64 /**
65 //*****                                      *****
66 //PFAINST EXEC PGM=BPXBATCH,TIME=NOLIMIT,REGION=0M,
67 ///*PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh migrate'
68 // PARM='SH cd /pfa; /usr/lpp/bcp/AIRSHREP.sh new'
69 /**
70 //STDOUT  DD PATH='/tmp/pfainst.out',
71 //          PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
72 //          PATHMODE=(SIRWXU)
73 //44+//STDERR DD PATH='/tmp/pfainst.err',
74 //          PATHOPTS=(OWRONLY,OCREATE,OTRUNC),
75 //          PATHMODE=(SIRWXU)
76 //SYSPRINT DD SYSOUT=*
77 //SYSUDUMP DD SYSOUT=*
78 //SYSMDUMP DD SYSOUT=*
79 //*****
80 //** STEP 2 - Copy stdout back to joblog
81 //*****
82 //STEP2  EXEC PGM=IEBGENER
83 //SYSPRINT DD SYSOUT=*
84 //SYSUT1 DD PATH='/var/pfainst.out',
85 //          FILEDATA=TEXT,PATHOPTS=ORDONLY,
86 //          LRECL=160,BLKSIZE=640,RECFM=FB
87 //SYSUT2  DD SYSOUT=*,,
88 //          DCB=(RECFM=FB,LRECL=160,BLKSIZE=640)
89 //SYSIN   DD DUMMY
90 //*****
91 //** STEP 3 - Copy stderr back to joblog
92 //*****

```

### Step 6f. Save the changes.

Since you made changes to both sides, the Save icon on the top will now be enabled. Click the Save icons to save the changes.

SHARA15.LAB.DEMO(AIRIN2) <-> SYS1.SAMPLIB(AIRINJCL)

```

SHARA15.LAB.DEMO(AIRIN2)          SYS1.SAMPLIB(AIRINJCL)
 40
 41 TH='/tmp/pfainst.out',
 42 S=(OWRONLY,O_CREAT,0_TRUNC),
 43 E=(SIRWXU)
 44-TH='/var/pfainst.err',
 45 S=(OWRONLY,O_CREAT,0_TRUNC),
 46 E=(SIRWXU)
 47 UT=*
 48 UT=*
 49 UT=*
50 ****
51 stdout back to joblog      */
52 ****
53 M=IEBGENER
54 UT=*
55 ATH='/var/pfainst.out',
56 TA=TEXT,PATHOPTS=ORDONLY,
57 160,BLKSIZE=640,RECFM=FB
58 UT=*,                      */
59 ECFM=FB,LRECL=160,BLKSIZE=640)
60 Y
61 ****
62 stderr back to joblog      */
63 ****
64 M=IEBGENER
65 UT=*
66-TH='/var/pfainst.err',
67 TA=TEXT,PATHOPTS=ORDONLY,
68 160,BLKSIZE=640,RECFM=FB

```

## 7. Browse USS path and edit USS file

### Step 7a. Browse a USS path

- Switch back to the Data Set and File Search window.
- Input the USS path /global/zosmf/configuration/servers/zosmfServer in the search bar. You don't have to enter the full path. Enjoy the type ahead search if you pause one second as you type.
- Click the Go button or press Enter to open the directory.

The screenshot shows the 'Data Set and File Search' window. The search bar at the top contains the path '/global/zosmf/configuration/servers/zosmfServer'. Below the search bar, there is a 'Go' button and some navigation icons. The main area displays the search results: 'Results(1)' followed by a small icon and the text 'SYS1.SAMPLIB'. At the bottom of the results area, there are navigation arrows and a page number indicator '1 of 1 page'.

Click on the column header “Name” to sort the files alphabetically by name, then we can easily find the file server.xml

Data Set and File Search

? - □ ×

/ global / zosmf / configuration / servers / zosmfServer

/global/zosmf/configuration/servers/zosmfServer      Go    - +    □

Results(10)	▼	Items per page: 100	1 - 10 of 10	<	>
Name <span style="border: 1px solid blue; padding: 2px;">↑</span>					
□	apps	drwxrwx---	IZUSVR/IZUADMIN	8192	2021-12-21T09:45:45.000+00:00
□	jvm.security.override.properties	lrwxrwxrwx	IZUSVR/IZUADMIN	76	2021-12-21T09:45:45.000+00:00
□	server.xml	-rwxrwxr-x	IZUSVR/IZUADMIN	14992	2022-01-17T19:45:45.000+00:00
□	bootstrap.properties	-rw-r--r--	IZUSVR/IZUADMIN	5309	2021-12-21T09:45:45.000+00:00
□	server.env	-rw-r--r--	IZUSVR/IZUADMIN	714	2021-12-21T09:45:45.000+00:00
□	jvm.options	-rw-r--r--	IZUSVR/IZUADMIN	1049	2021-12-21T09:45:45.000+00:00
□	izu.config.properties	-rw-r--r--	IZUSVR/IZUADMIN	230	2021-12-21T09:45:45.000+00:00
□	kc.properties	-rw-r--r--	IZUSVR/IZUADMIN	1174	2022-01-17T19:45:45.000+00:00
□	bootstrap.properties.old	-rw-rw-r--	IZUSVR/IZUADMIN	5243	2021-12-21T09:45:45.000+00:00
□	resources	drwxrwx---	IZUSVR/IZUADMIN	8192	2019-08-29T10:45:45.000+00:00

Data Set and File Search

/ global / zosmf / configuration / servers / zosmfServer

/global/zosmf/configuration/servers/zosmfServer

Go

Results(10)

Items per page: 100

1 - 10 of 10

Name ↑	Mode	Owner/Group	Size	Modify Time
apps	drwxrwx---	IZUSVR/IZUADMIN	8192	2021-12-21T00:00:00
bootstrap.properties	-rw-r--r--	IZUSVR/IZUADMIN	5309	2021-12-21T00:00:00
bootstrap.properties.old	-rw-rw-r--	IZUSVR/IZUADMIN	5243	2021-12-21T00:00:00
izu.config.properties	-rw-r--r--	IZUSVR/IZUADMIN	230	2021-12-21T00:00:00
jvm.options	-rw-r--r--	IZUSVR/IZUADMIN	1049	2021-12-21T00:00:00
jvm.security.override.properties	lrwxrwxrwx	IZUSVR/IZUADMIN	76	2021-12-21T00:00:00
kc.properties	-rw-r--r--	IZUSVR/IZUADMIN	1174	2022-01-17T11:00:00
resources	drwxrwx---	IZUSVR/IZUADMIN	8192	2019-08-29T10:00:00
server.env	-rw-r--r--	IZUSVR/IZUADMIN	714	2021-12-21T00:00:00
server.xml	-rwxrwxr-x	IZUSVR/IZUADMIN	14992	2022-01-17T11:00:00

Open the USS file server.xml by clicking its name, we will see the file is opened and it's also highlighted with XML syntax.

server.xml

/global/zosmf/configuration/servers/zosmfServer/server.xml :

```
1 <server description="zosmfServer">
2   <!-- Licensed Materials - Property of IBM    -->
3   <!-- 5650-ZOS                                -->
4   <!-- Copyright IBM Corp. 2013, 2021          -->
5   <!--
6   <!-- US Government Users Restricted Rights  -->
7   <!--
8   <!-- Status = HSMA250                         -->
9
10  <featureManager>
11    <feature>zosSecurity-1.0</feature>
12    <feature>appSecurity-2.0</feature>
13    <feature>servlet-3.1</feature>
14    <feature>jsp-2.2</feature>
15    <feature>ssl-1.0</feature>
16    <feature>zosWlm-1.0</feature>
17    <feature>concurrent-1.0</feature>
18    <feature>jndi-1.0</feature>
19    <feature>webCache-1.0</feature>
20    <feature>jaxrs-1.1</feature>
```

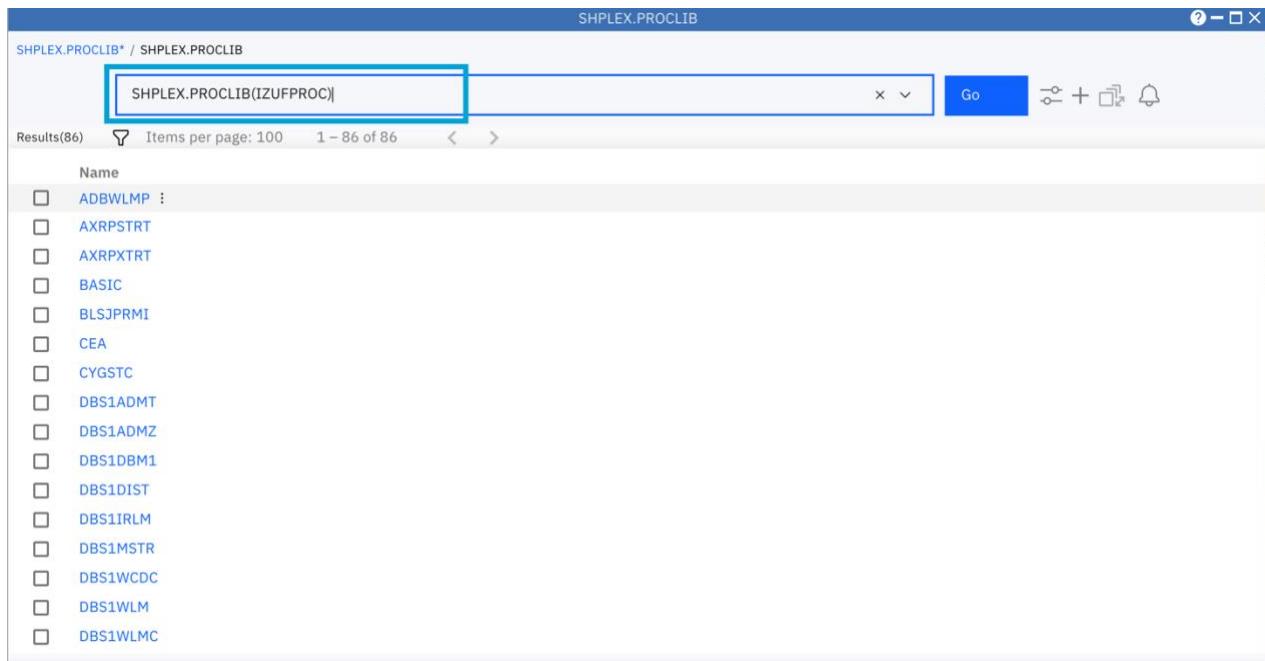
## 8. Open referenced data sets in Editor

Step 8a. Open the data set member SHPLEX.PROCLIB(IZUFPROC)

Switch back to Data Set and File Search window, search the data set SHPLEX.PROCLIB.

The screenshot shows a search interface titled "SHPLEX.PROCLIB\*". In the search bar at the top left, the text "SHPLEX.PROCLIB" is entered and highlighted with a blue border. To the right of the search bar are standard window controls (question mark, minimize, maximize, close). Below the search bar, there is a toolbar with icons for refresh, add, and notifications. Underneath the toolbar, the text "Results(35)" is displayed, followed by a dropdown arrow, "Items per page: 100", and page navigation arrows. The main content area is titled "Name" and lists 35 entries. The first entry, "SHPLEX.PROCLIB", is also highlighted with a blue border. The list continues with other members such as "SHPLEX.PROCLIB.D230820", "SHPLEX.PROCLIB.D230827", etc., down to "SHPLEX.PROCLIB.D231203". At the bottom of the list, there is a horizontal ellipsis (...).

Click on the name of “SHPLEX.PROCLIB” to open its member list. Then input IZUFPROC in the search box to search for the member.



Open the data set member “IZUFPROC”, you will see the referenced data sets or USS path are displayed as links.

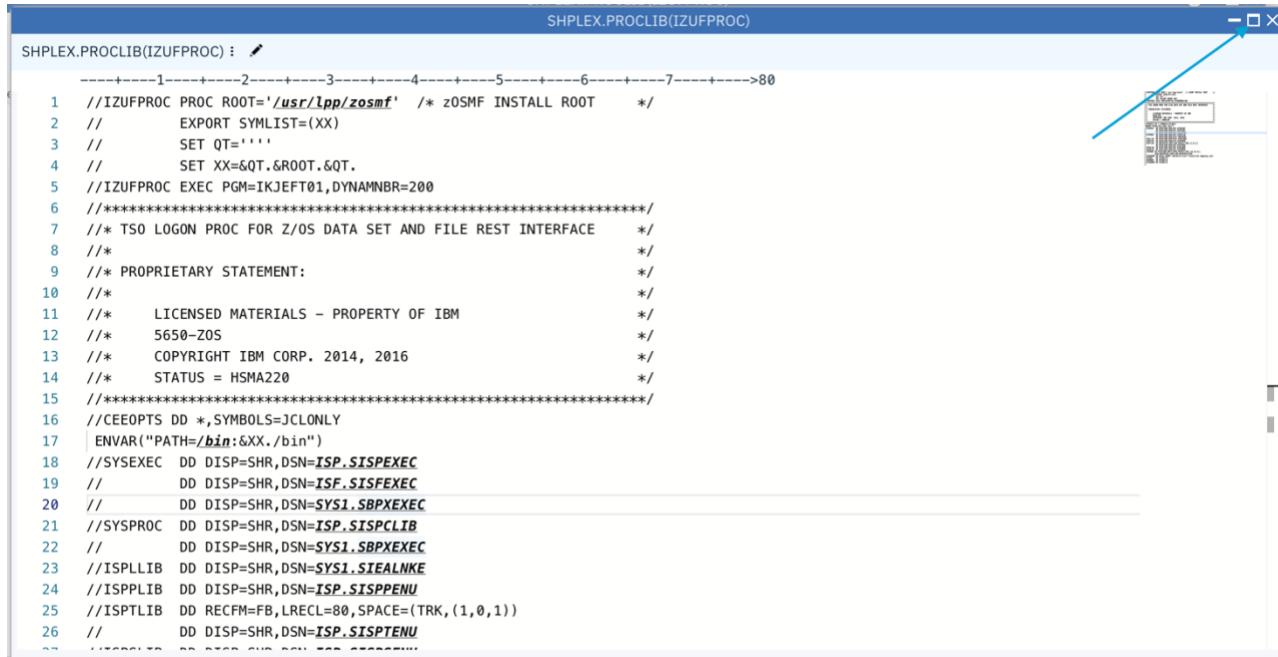
```

SHPLEX.PROCLIB(IZUFPROC) : 
-----1-----2-----3-----4-----5-----6-----7----->80
1 //IZUFPROC PROC ROOTE '/usr/lpp/zosmf' /* zOSMF INSTALL ROOT */
2 //      EXPORT SYMLIST=(XX)
3 //      SET QT=''''
4 //      SET XX=&QT.&ROOT.&QT.
5 //IZUFPROC EXEC PGM=IKJEFT01,DYNAMNBR=200
6 //*****                                                 */
7 /** TSO LOGON PROC FOR Z/OS DATA SET AND FILE REST INTERFACE */
8 /**
9 /** PROPRIETARY STATEMENT:
10 /**
11 /** LICENSED MATERIALS - PROPERTY OF IBM
12 /**
13 /**
14 /**
15 //*****                                                 */
16 //CEEOPTS DD *,SYMBOLS=JCLONLY
17 | ENVAR("PATH=/bin:&XX./bin")
18 //SYSEXEC DD DISP=SHR,DSN=ISP.SISPEXEC
19 //      DD DISP=SHR,DSN=ISF.SISFEXEC
20 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
21 //SYSPROC DD DISP=SHR,DSN=ISP.SISPCLIB
22 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
23 //ISPLLIB DD DISP=SHR,DSN=SYS1.SIEALNKE
24 //ISPPLIB DD DISP=SHR,DSN=ISP.SISPPENU
25 //ISPTLIB DD RECFM=FB,LRECL=80,SPACE=(TRK,(1,0,1))
26 //      DD DISP=SHR,DSN=ISP.SISPTENU

```

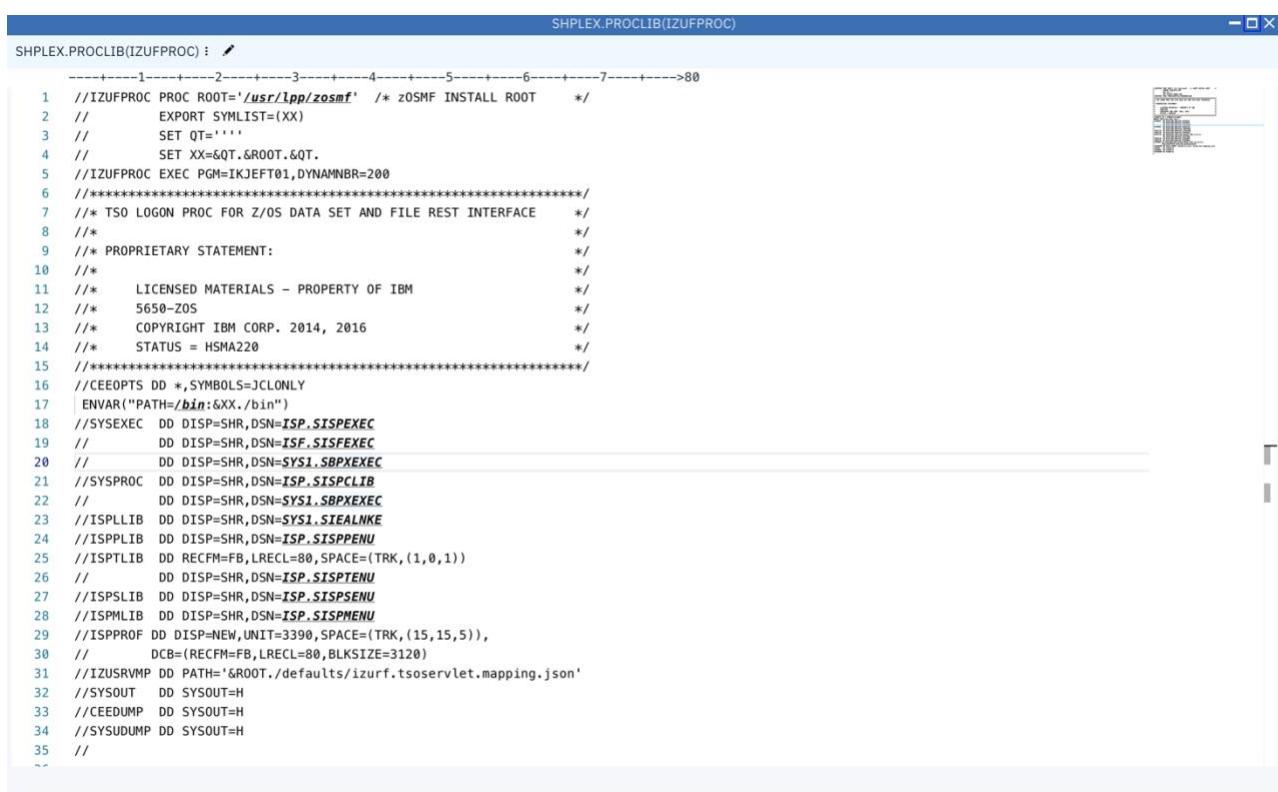
Step 8b. Adjust the window to a proper size

Click the maximize icon or double-clicking the window's title bar to maximize the editor window.



```

SHPLEX.PROCLIB(IZUFPROC) : ✓
-----+-----+-----+-----+-----+-----+-----+----->80
1 //IZUFPROC PROC ROOT='/usr/lpp/zosmf' /* zOSMF INSTALL ROOT */
2 //      EXPORT SYMLIST=(XX)
3 //      SET QT=''''
4 //      SET XX=&QT.&ROOT.&QT.
5 //IZUFPROC EXEC PGM=IKJEFT01,DYNAMNBR=200
6 //*****+
7 //** TSO LOGON PROC FOR Z/OS DATA SET AND FILE REST INTERFACE */
8 //**
9 //** PROPRIETARY STATEMENT:
10 //*
11 //** LICENSED MATERIALS - PROPERTY OF IBM
12 //** 5650-ZOS
13 //** COPYRIGHT IBM CORP. 2014, 2016
14 //** STATUS = HSMA220
15 //*****+
16 //CEE0OPTS DD *,SYMBOLS=JCLONLY
17 |ENVAR("PATH=<bin>:&XX./bin")
18 //SYSEXEC DD DISP=SHR,DSN=ISP.SISPEXEC
19 //      DD DISP=SHR,DSN=ISF.SISFEXEC
20 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
21 //SYSPROC DD DISP=SHR,DSN=ISP.SISPCLIB
22 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
23 //ISPLLIB DD DISP=SHR,DSN=SYS1.SIEALNKE
24 //ISPPLIB DD DISP=SHR,DSN=ISP.SISPPENU
25 //ISPTLIB DD RECFM=FB,LRECL=80,SPACE=(TRK,(1,0,1))
26 //      DD DISP=SHR,DSN=ISP.SISPTENU
27 //ISPSLIB DD DISP=SHR,DSN=ISP.SISPSENU
28 //ISPMILB DD DISP=SHR,DSN=ISP.SISPMENU
29 //ISPROF DD DISP=NEW,UNIT=3390,SPACE=(TRK,(15,15,5)),
30 //      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31 //IZUSRVMP DD PATH='&ROOT./defaults/izsurf.tsoservlet.mapping.json'
32 //SYSOUT DD SYSOUT=
33 //CEEDUMP DD SYSOUT=H
34 //SYSUDUMP DD SYSOUT=H
35 //
```

```

SHPLEX.PROCLIB(IZUFPROC) : ✓
-----+-----+-----+-----+-----+-----+-----+----->80
1 //IZUFPROC PROC ROOT='/usr/lpp/zosmf' /* zOSMF INSTALL ROOT */
2 //      EXPORT SYMLIST=(XX)
3 //      SET QT=''''
4 //      SET XX=&QT.&ROOT.&QT.
5 //IZUFPROC EXEC PGM=IKJEFT01,DYNAMNBR=200
6 //*****+
7 //** TSO LOGON PROC FOR Z/OS DATA SET AND FILE REST INTERFACE */
8 //**
9 //** PROPRIETARY STATEMENT:
10 //*
11 //** LICENSED MATERIALS - PROPERTY OF IBM
12 //** 5650-ZOS
13 //** COPYRIGHT IBM CORP. 2014, 2016
14 //** STATUS = HSMA220
15 //*****+
16 //CEE0OPTS DD *,SYMBOLS=JCLONLY
17 |ENVAR("PATH=<bin>:&XX./bin")
18 //SYSEXEC DD DISP=SHR,DSN=ISP.SISPEXEC
19 //      DD DISP=SHR,DSN=ISF.SISFEXEC
20 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
21 //SYSPROC DD DISP=SHR,DSN=ISP.SISPCLIB
22 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
23 //ISPLLIB DD DISP=SHR,DSN=SYS1.SIEALNKE
24 //ISPPLIB DD DISP=SHR,DSN=ISP.SISPPENU
25 //ISPTLIB DD RECFM=FB,LRECL=80,SPACE=(TRK,(1,0,1))
26 //      DD DISP=SHR,DSN=ISP.SISPTENU
27 //ISPSLIB DD DISP=SHR,DSN=ISP.SISPSENU
28 //ISPMILB DD DISP=SHR,DSN=ISP.SISPMENU
29 //ISPROF DD DISP=NEW,UNIT=3390,SPACE=(TRK,(15,15,5)),
30 //      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31 //IZUSRVMP DD PATH='&ROOT./defaults/izsurf.tsoservlet.mapping.json'
32 //SYSOUT DD SYSOUT=
33 //CEEDUMP DD SYSOUT=H
34 //SYSUDUMP DD SYSOUT=H
35 //
```

### Step 8b. Open referenced data set with one click

- Hover on the name of SYS1.SBPXEXEC
  - For Windows, Hit Ctrl + Click to open the data set
  - For Mac, Hit Cmd + Click to open the data set

SHPLEX.PROCLIB(IZUFPROC)

```

SHPLEX.PROCLIB(IZUFPROC) :  ✓
-----+-----+-----+-----+-----+-----+-----+----->80
1 //IZUFPROC PROC ROOT='/usr/lpp/zosmf' /* zOSMF INSTALL ROOT */
2 //      EXPORT SYMLIST=(XX)
3 //      SET QT=''''
4 //      SET XX=&QT.&ROOT.&QT.
5 //IZUFPROC EXEC PGM=IKJLEFT01,DYNAMNBR=200
6 //*****                                                 */
7 //** TSO LOGON PROC FOR Z/OS DATA SET AND FILE REST INTERFACE */
8 //**                                                 */
9 //** PROPRIETARY STATEMENT:                                */
10//**                                                 */
11//**     LICENSED MATERIALS - PROPERTY OF IBM               */
12//**     5650-ZOS                                         */
13//**     COPYRIGHT IBM CORP. 2014, 2016                   */
14//**     STATUS = HSM220                                     */
15//*****                                                 */
16//CEEOPTS DD *,SYMBOLS=JCLONLY
17ENVAR("PATH=/bin:&XX./bin")
18//SYSEXEC DD DISP=SHR,DSN=ISP.SISPMENU
19//      DD DISP=SHR,DSN=ISF.S Cmd + click to open the dataset
20//      DD DISP=SHR,DSN=SYS1.SBPXEXEC
21//SYSPROC DD DISP=SHR,DSN=ISP.SISPCLIB
22//      DD DISP=SHR,DSN=SYS1.SBPXEXEC
23//ISPLLIB DD DISP=SHR,DSN=SYS1.SIEALNKE
24//ISPPLIB DD DISP=SHR,DSN=ISP.SISPENU
25//ISPTLIB DD RECFM=FB,LRECL=80,SPACE=(TRK,(1,0,1))
26//      DD DISP=SHR,DSN=ISP.SISPENU
27//ISPSLIB DD DISP=SHR,DSN=ISP.SISPENU
28//ISPMLIB DD DISP=SHR,DSN=ISP.SISPMENU
29//ISPPROF DD DISP=NEW,UNIT=3390,SPACE=(TRK,(15,15,5)),
30//      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31//IZUSRVMP DD PATH=&ROOT./defaults/izurf.tsoservlet.mapping.json'
32//SYSOUT DD SYSOUT=H
33//CEEDUMP DD SYSOUT=H
34//SYSUDUMP DD SYSOUT=H
35//
```

SHPLEX.PROCLIB(IZUFPROC)

SYS1.SBPXEXEC

Results(40) Items per page: 100 1 - 40 of 40 < >

Name
<input type="checkbox"/> BPXMOSHL
<input type="checkbox"/> BPXMTXT
<input type="checkbox"/> BPXTIPCS
<input type="checkbox"/> BPXTIPC2
<input type="checkbox"/> BPXTIPRX
<input type="checkbox"/> BPXTRACE
<input type="checkbox"/> BPXBRED
<input type="checkbox"/> BPXWESL
<input type="checkbox"/> BPXWFSSH
<input type="checkbox"/> BPXWGETX
<input type="checkbox"/> BPXWHERE :
<input type="checkbox"/> BPXWH22
<input type="checkbox"/> BPXWIRAC
<input type="checkbox"/> BPXWISH
<input type="checkbox"/> BPXWIZFS
<input type="checkbox"/> BPXWLSON
<input type="checkbox"/> BPXWMCAT

```

30 //      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31 //IZUSRVMP DD PATH=&ROOT./defaults/izurf.tsoservlet.mapping.json'
32 //SYSOUT DD SYSOUT=H
33 //CEEDUMP DD SYSOUT=H
34 //SYSUDUMP DD SYSOUT=H
35 //
```

## Step 8c. Open a referenced USS directory from Editor window

- Switch back to the window which displays content of SHPLEX.PROCLIB(IZUFPROC)
  - Scroll up to the top of the content.
  - Cmd+Click on usr/lpp/zosmf path

SHPLEX.PROCLIB(IZUFPROC)

```
SHPLEX.PROCLIB(IZUFPROC) : /-----1-----2-----3----- Cmd + click to open the USS file or path ----->80
1 //IZUFPROC PROC ROOT='/usr/lpp/zosmf' /* zOSMF INSTALL ROOT */
2 //      EXPORT SYMLIST=(XX)
3 //      SET QT=''''
4 //      SET XX=$QT.&ROOT.$QT.
5 //IZUFPROC EXEC PGM=IKJEFT01,DYNAMNBR=200
6 //*****+
7 //* TSO LOGON PROC FOR Z/OS DATA SET AND FILE REST INTERFACE
8 //*
9 //** PROPRIETARY STATEMENT:
10 //**
11 /*     LICENSED MATERIALS - PROPERTY OF IBM
12 /*     5650-ZOS
13 /*     COPYRIGHT IBM CORP. 2014, 2016
14 /*     STATUS = HSM220
15 //*****
16 //CEEOPTS DD *,SYMBOLS=JCLONLY
17 |ENVAR("PATH=/bin:&XX./bin")
18 //SYSEXEC DD DISP=SHR,DSN=ISP.SISSEXEC
19 //      DD DISP=SHR,DSN=ISF.SISFEXEC
20 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
21 //SYSPROC DD DISP=SHR,DSN=ISP.SISPCLIB
22 //      DD DISP=SHR,DSN=SYS1.SBPXEXEC
23 //ISPLLIB DD DISP=SHR,DSN=SYS1.SIEALNKE
24 //ISPLLIB DD DISP=SHR,DSN=ISP.SISPPENU
25 //ISPTLIB DD RECFM=FB,LRECL=80,SPACE=(TRK,(1,0,1))
26 //      DD DISP=SHR,DSN=ISP.SISPTENU
27 //ISPSLIB DD DISP=SHR,DSN=ISP.SISPSENU
28 //ISPMLIB DD DISP=SHR,DSN=ISP.SISPMENU
29 //ISPPROF DD DISP=NEW,UNIT=3390,SPACE=(TRK,(15,15,5)),
30 //      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31 //IZUSRVMP DD PATH='&ROOT./defaults/izsurf.tsoservlet.mapping.json'
32 //SYSOUT DD SYSOUT=H
33 //CEEDUMP DD SYSOUT=H
34 //SYSUDUMP DD SYSOUT=H
35 //
```

The screenshot shows the z/OSMF interface with the title bar "SHPLEX.PROCLIB(IZUFPROC)" and "zosmf". The left navigation pane shows "Results(12)" under "/usr / lpp / zosmf". The main content area displays a table of 12 items:

Name	Mode	Owner/Group	Size	Modify Time
IBM	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2023-10-30T09:51:56
bin	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2024-02-09T09:43:13
configuration	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2024-02-09T09:45:17
defaults	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2023-09-06T08:40:38
helps	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2023-06-02T01:06:11
installableApps	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2024-02-09T11:22:03
kc	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2020-11-23T04:02:26
lib	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2024-02-09T11:22:03
liberty Ⓜ	lrwxrwxrwx	BPXROOT/OMVSGRP	22	2023-10-11T04:37:33
samples	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2023-09-06T08:40:37
workflow	drwxr-xr-x	BPXROOT/OMVSGRP	8192	2023-10-30T09:53:50
zosmf_license README	-rwxr-xr-x	BPXROOT/OMVSGRP	85465	2023-09-06T08:34:22

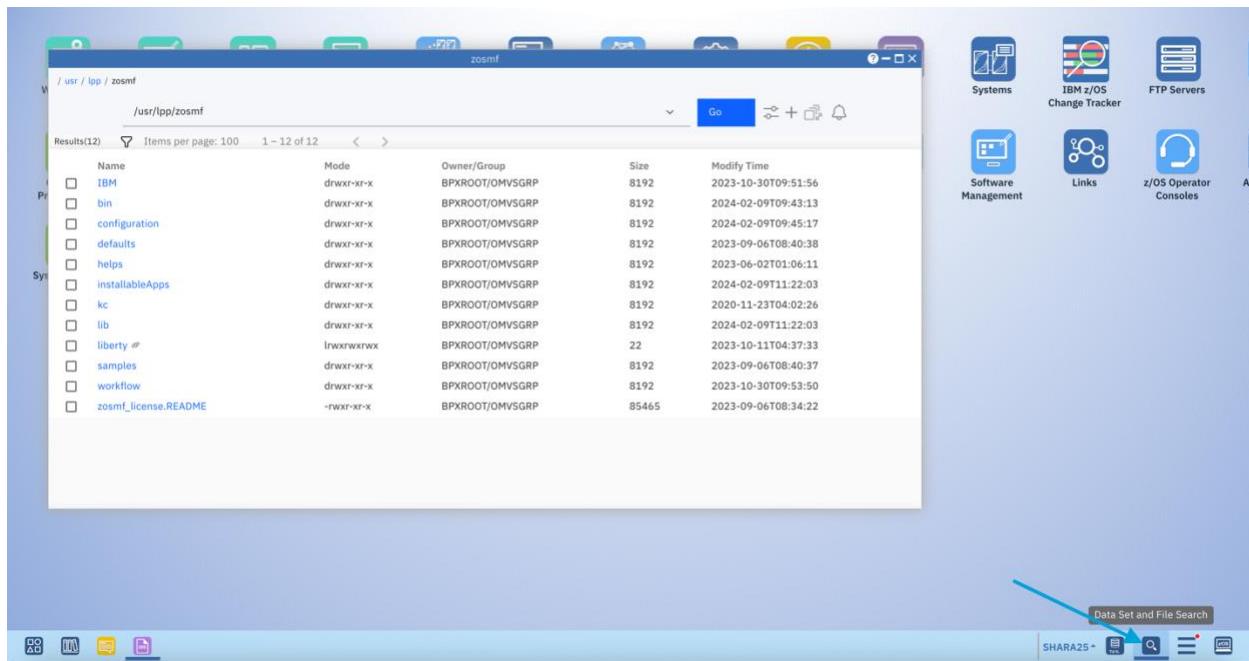
Below the table, there is a code snippet:

```

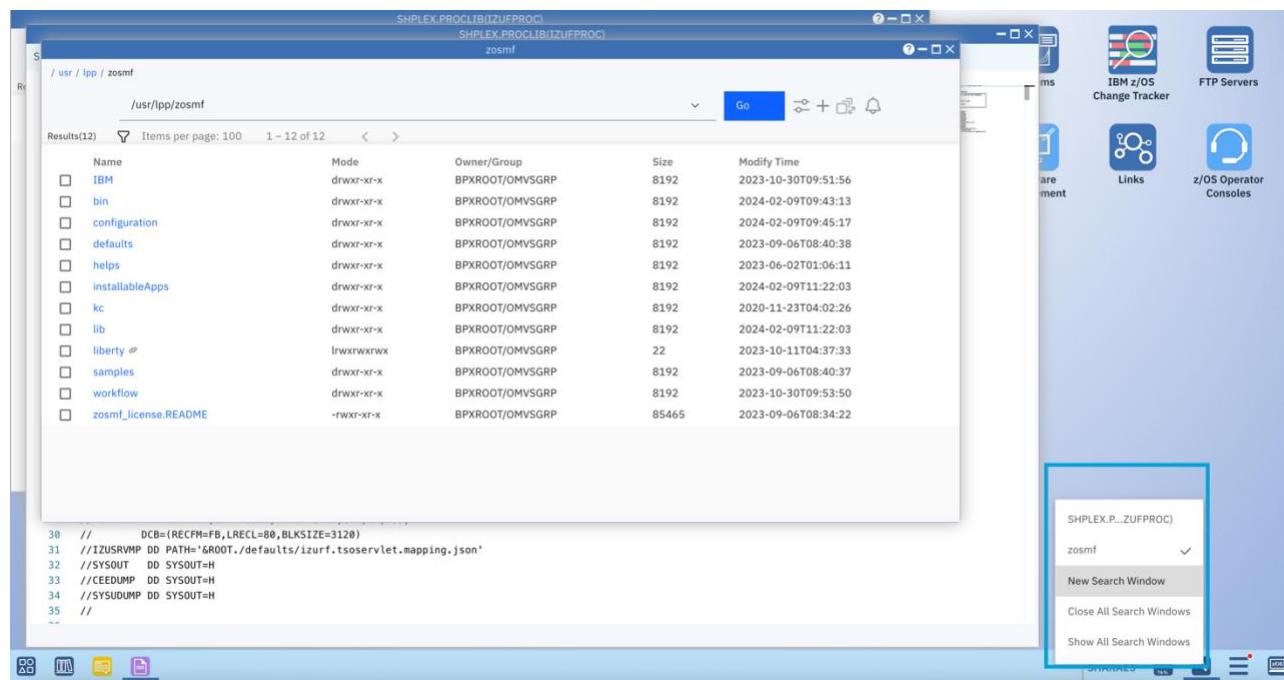
30 //      DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
31 //IZUSRVMP DD PATH='&ROOT./defaults/izurf.tsoservlet.mapping.json'
32 //SYSOUT  DD SYSOUT=H
33 //CEEDUMP DD SYSOUT=H
34 //SYSUDUMP DD SYSOUT=H
35 //-

```

Now, let's select "Data Set and File Search" window again. If you cannot find the window, you can open it via clicking on the "Search" icon on the right of z/OSMF task bar like below.



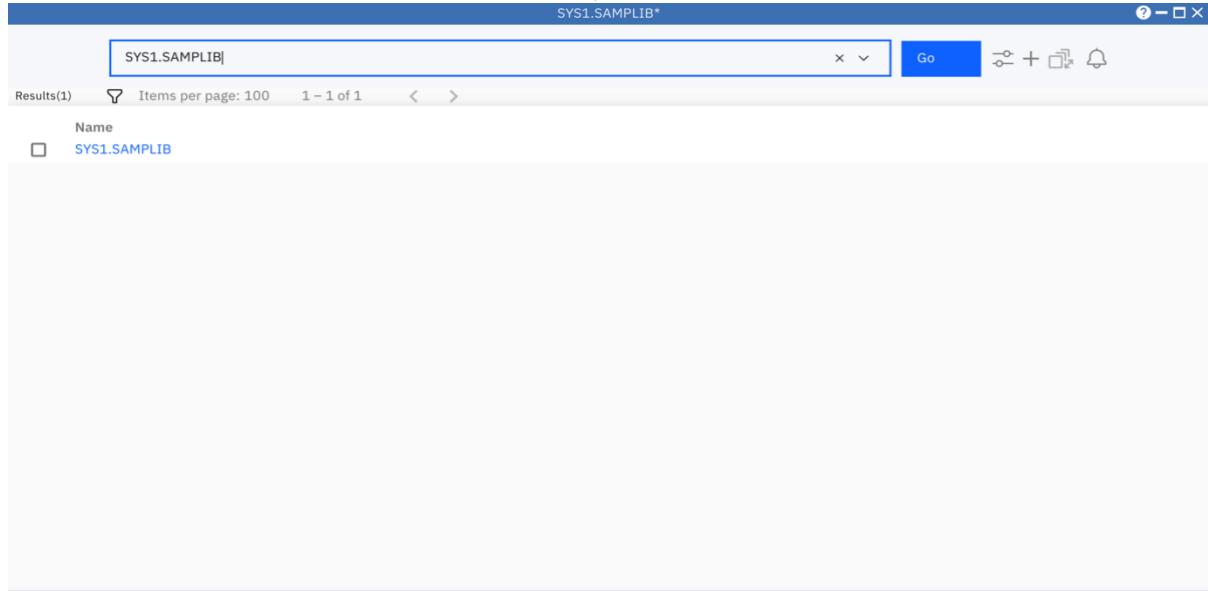
You can also right click on the Search icon to show the menu and then select “New Search Window” like below. Other options include show specific search window, close all search windows, etc...



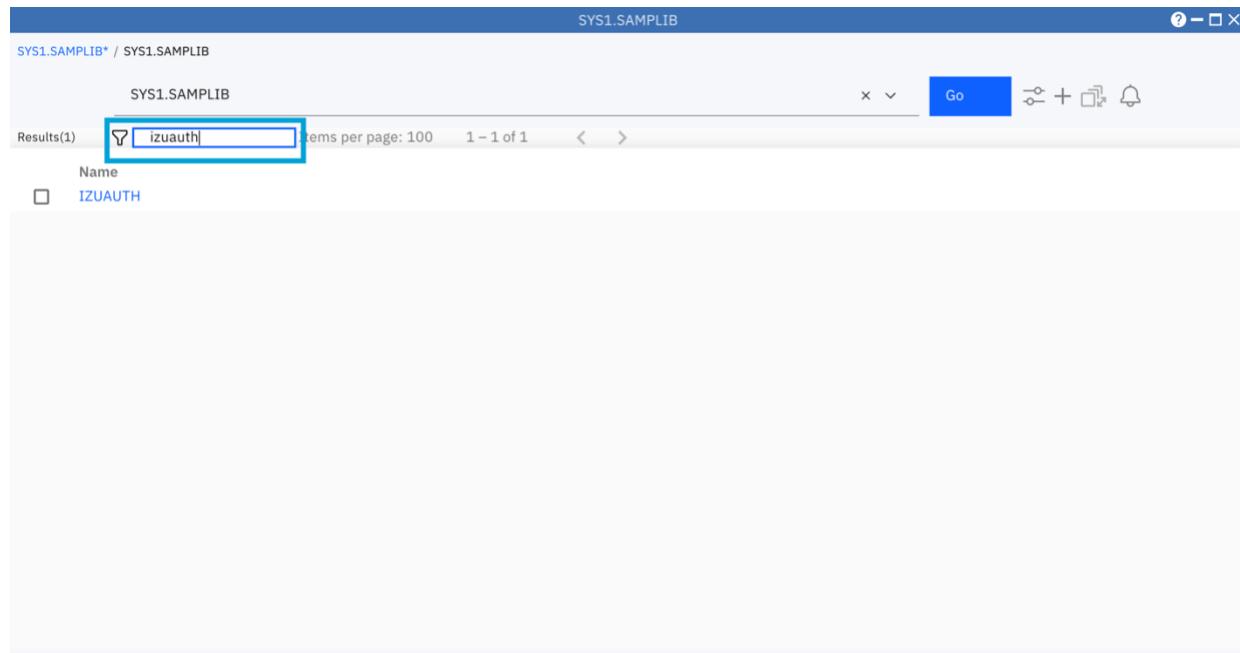
## 9. Create shortcut for data set or data set member

Step 9a. Find the data set member SYS1.SAMPLIB(IZUAUTH)

- In the “Data Set and File Search” window, enter SYS1.SAMPLIB and then hit Enter.

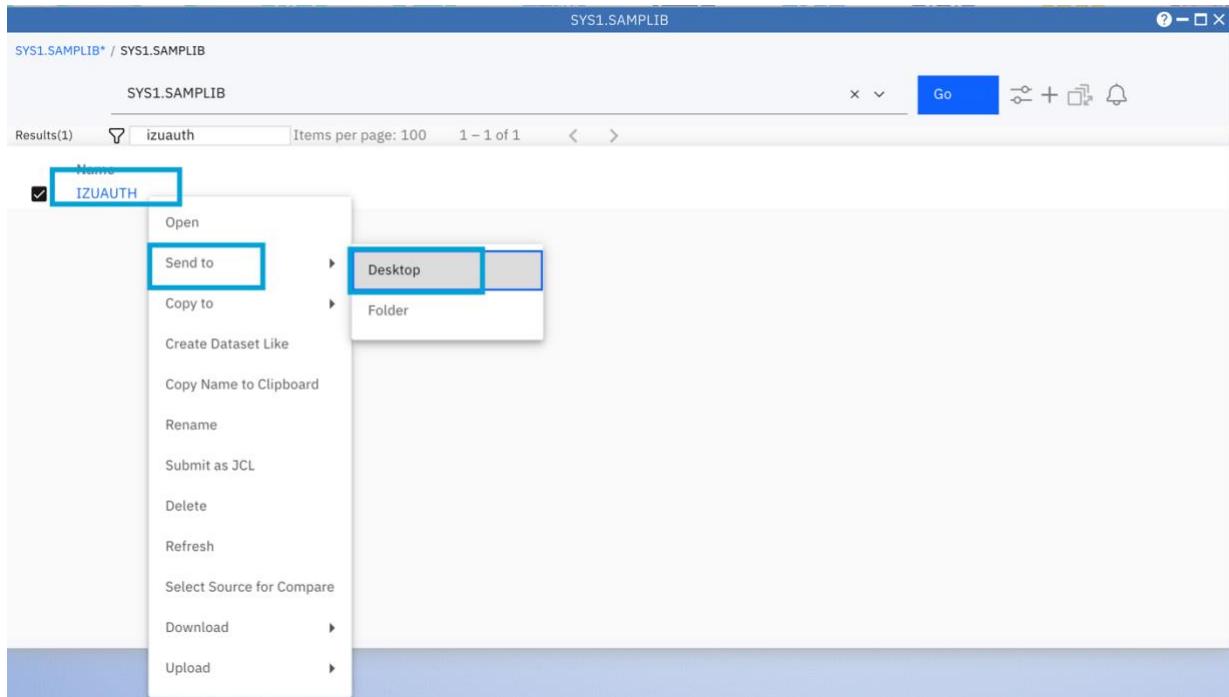


Open member list of SYS1.SAMPLIB by clicking on the name of SYS1.SAMPLIB. Then enter “IZUAUTH” in the Filter input box to quickly find IZUAUTH sample job.



Step 9b. Send IZUAUTH to desktop

Right click on IZUAUTH → select Send to →select Desktop.



### Step 9c. Check the shortcut

Double click on the background of z/OSMF desktop can quickly bring you back to the desktop. Then you will see the shortcut you just created for SYS1.SAMPLIB(IZUAUTH) on the desktop.

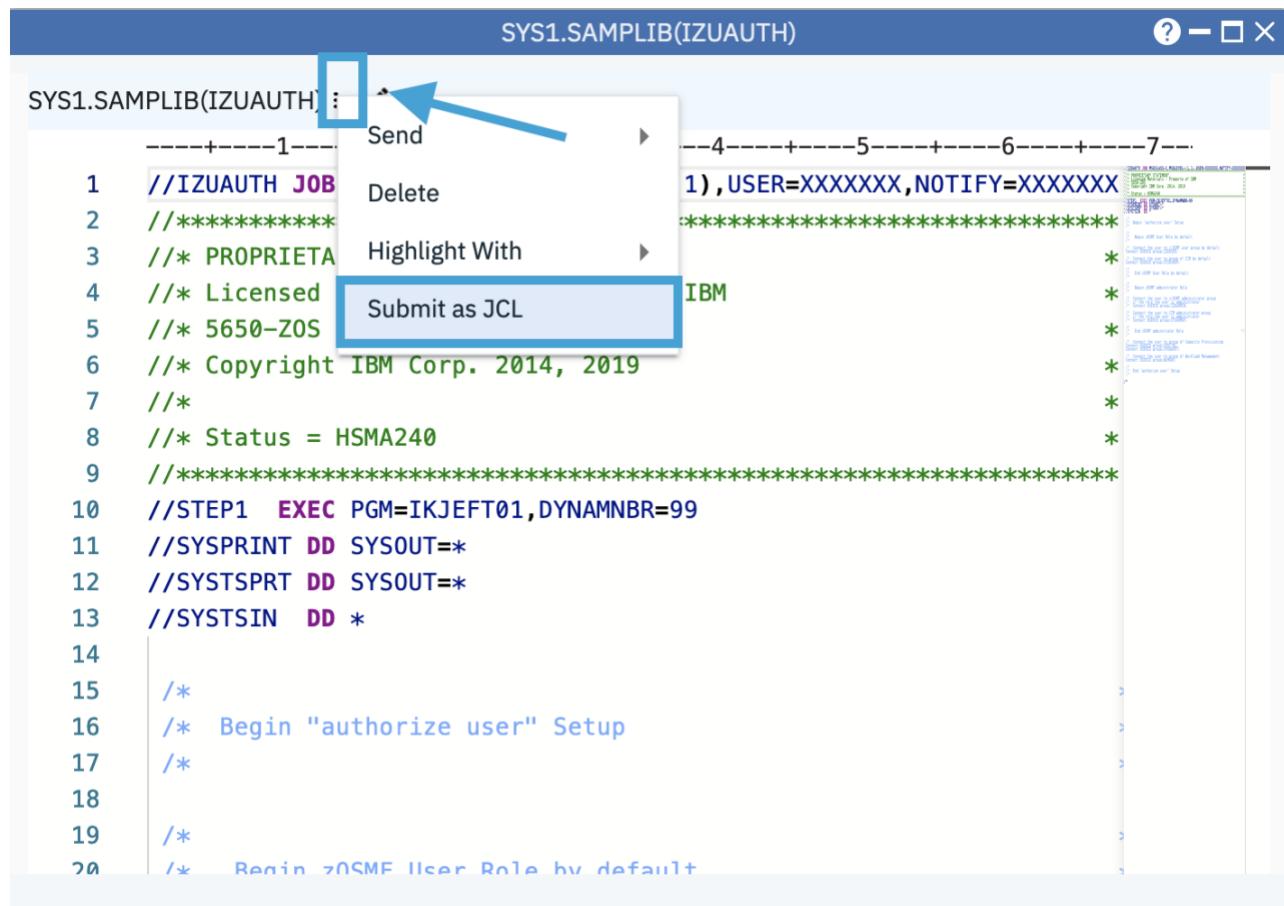


### Step 9d. Open the shortcut

Double click on the icon of “SYS1.SAMPLIB(IZUAUTH)”, you can directly open the member for editing. The shortcut could help you to quickly locate some frequently used files or data sets in the future.

#### Step 9e. Submit job from z/OSMF Desktop Editor

- In the Editor window we opened for “SYS1.SAMPLIB(IZUAUTH)”, click on the 3 dots icon and then you will see a menu item “Submit as JCL”. Since you are operating with a shared system, we won’t perform this action. But if you do so, a separate Job Output window will be popped up for you to check job outputs.



The screenshot shows the z/OSMF Desktop Editor interface with the title bar "SYS1.SAMPLIB(IZUAUTH)". In the top-left corner of the code area, there is a small blue square icon with three dots. A context menu has appeared from this icon, containing the following options: "Send", "Delete", "Highlight With", and "Submit as JCL". The "Submit as JCL" option is highlighted with a blue rectangle and has a blue arrow pointing towards it from the left. The main code area displays a JCL script:

```
-----1-----  
1 //IZUAUTH JOB  
2 //*****  
3 //** PROPRIETA  
4 //** Licensed  
5 //** 5650-ZOS  
6 //** Copyright IBM Corp. 2014, 2019  
7 //**  
8 //** Status = HSMA240  
9 //*****  
10 //STEP1 EXEC PGM=IKJEFT01,DYNAMNBR=99  
11 //SYSPRINT DD SYSOUT=*  
12 //SYSTSPRT DD SYSOUT=*  
13 //SYSTSIN DD *  
14  
15 /*  
16 /* Begin "authorize user" Setup  
17 /*  
18  
19 /*  
20 /* Begin z/OSMF User Role by default
```

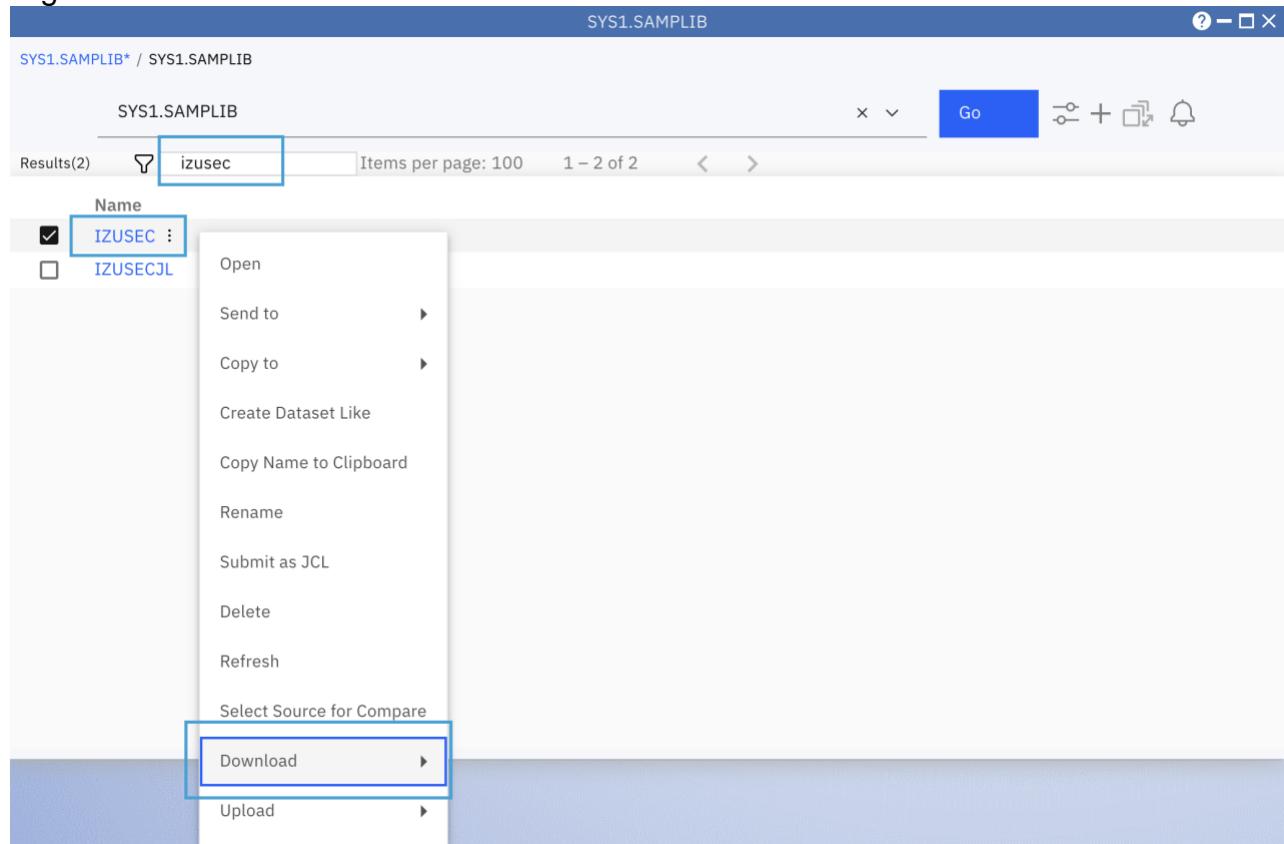
The right side of the editor shows a vertical scroll bar and a status bar at the bottom.

## 10. Download/Upload Data Set, Data set member, or USS file

Switch back to Data Set and File Search window, clear “IZUAUTH” in Filter, and input “IZUSEC” in the Filter box.

Step 10a. Download SYS1.SAMPLIB(IZUSEC)

Right click on IZUSEC -> select Download



The IZUSEC member will be downloaded to your local machine.

Step 10b. Upload local file to z/OS

Switch back to the Data Set and File Search window, input the USS path /tmp/. Hit Enter key or click on “Go” button.

Right click on the anywhere of the result list and then select Upload menu

Data Set and File Search

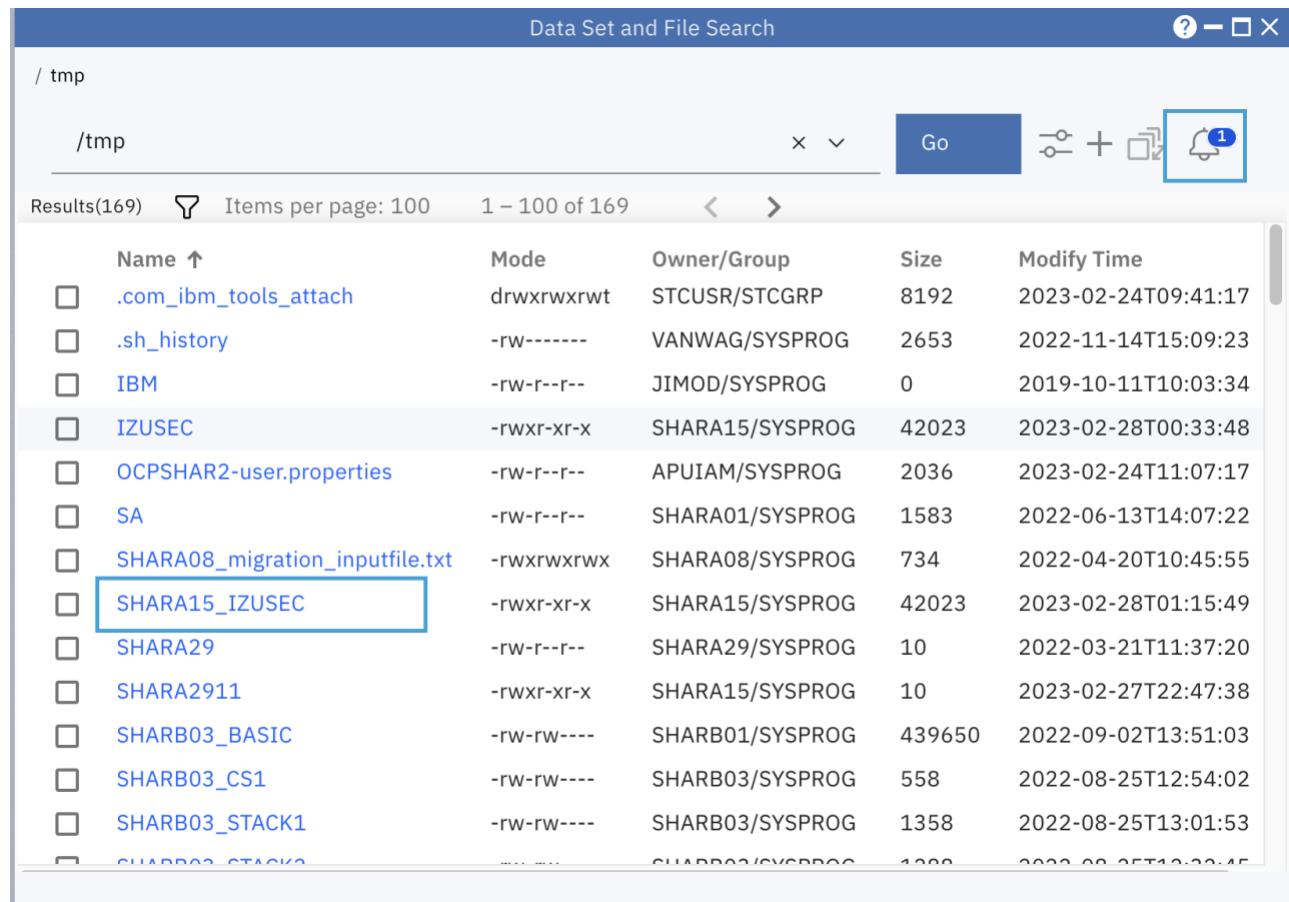
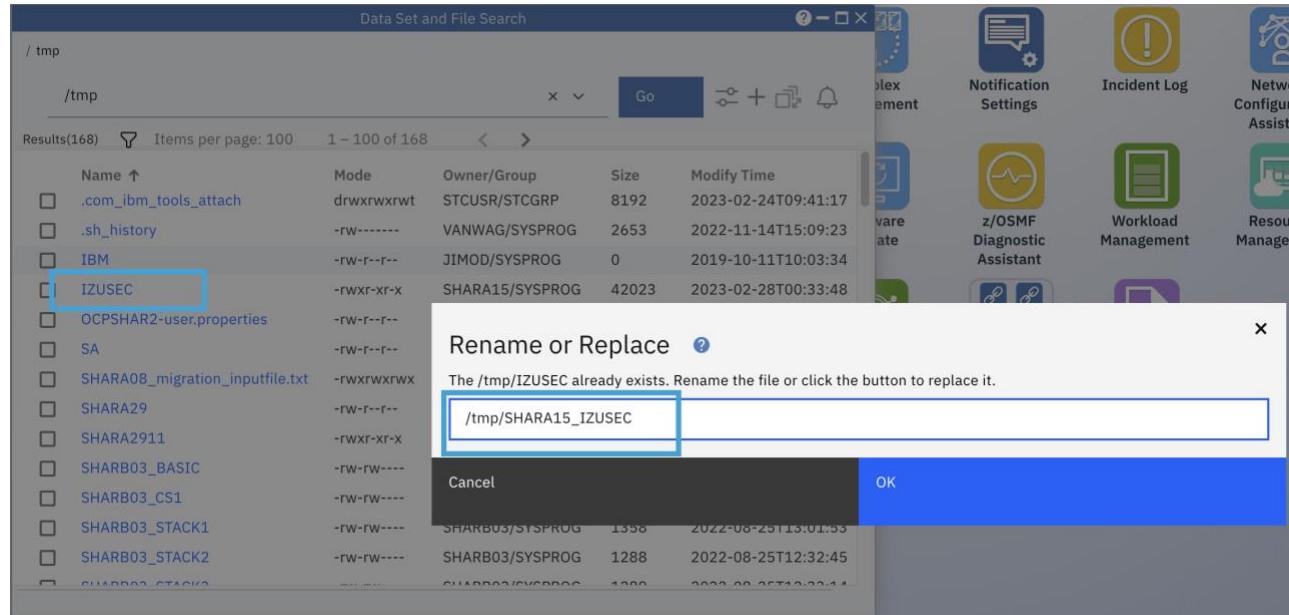
/ tmp

/tmp

Results(168) Items per page: 100 1 – 100 of 168

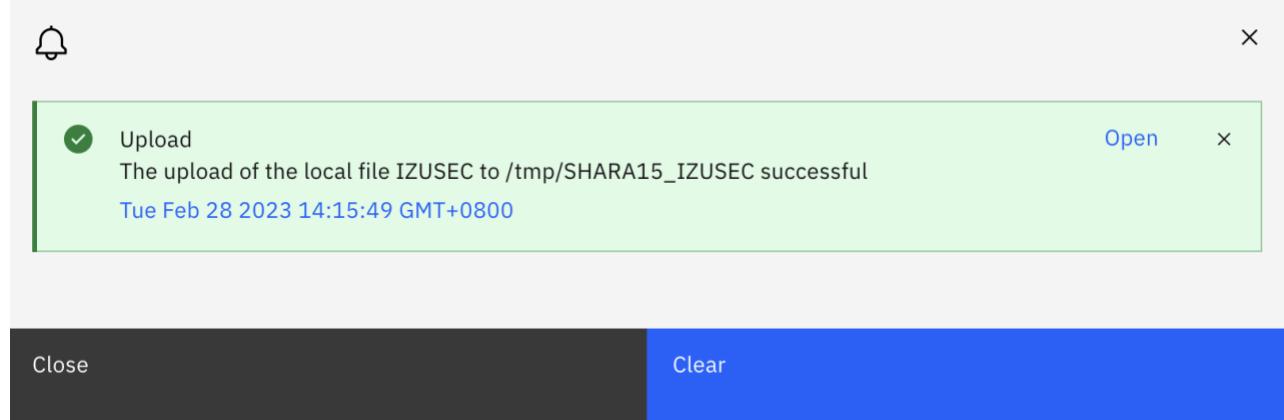
Name ↑	Mode	Owner/Group	Size	Modify Time
.com_ibm_tools_attach	drwxrwxrwt	STCUSR/STCGRP	8192	2023-02-24T09:41:17
.sh_history	-rw-----	VANWAG/SYSPROG	2653	2022-11-14T15:09:23
IBM	-rw-r--r--	JIMOD/SYSPROG	0	2019-10-11T10:03:34
IZUSEC	Open	SHARA15/SYSPROG	42023	2023-02-28T00:33:48
OCPSHAR2-user.p	Send to	APUIAM/SYSPROG	2036	2023-02-24T11:07:17
SA	Copy to	SHARA01/SYSPROG	1583	2022-06-13T14:07:22
SHARA08_migrati	Copy Path to Clipboard	SHARA08/SYSPROG	734	2022-04-20T10:45:55
SHARA29	Rename	SHARA29/SYSPROG	10	2022-03-21T11:37:20
SHARA2911	Change	SHARA15/SYSPROG	10	2023-02-27T22:47:38
SHARB03_BASIC	Submit as JCL	SHARB01/SYSPROG	439650	2022-09-02T13:51:03
SHARB03_CS1	Delete	SHARB03/SYSPROG	558	2022-08-25T12:54:02
SHARB03_STACK:	Refresh	SHARB03/SYSPROG	1358	2022-08-25T13:01:53
SHARB03_STACK:/	Select Source for Compare	SHARB03/SYSPROG	1288	2022-08-25T12:32:45
SHARB03_STACK:/	Download	SHARB03/SYSPROG	1288	2022-08-25T12:32:45
SHARB03_STACK:/	Upload	SHARB03/SYSPROG	1288	2022-08-25T12:32:45
SHARB03_STACK:/	Upload With Content Type	SHARB03/SYSPROG	1288	2022-08-25T12:32:45

Find out the downloaded IZUSEC from your local machine, select it, then click on OK button. Since we have prepared a IZUSEC file under /tmp/ directory before lab session, you will be asked to rename the file, please rename the file like <userid>\_IZUSEC, <userid> should be your current logon user id, and then click OK button.



---

You will find the file has been uploaded to /tmp/ directory. You will also get below notification message:



#### Step 10c. Remove the file you just uploaded

Select the file <userid>\_IZUSEC you just uploaded, right click and select Delete to remove it.

DataSet and File Search

/ tmp

/tmp

Results(169) Items per page: 100 1 – 100 of 169

Name ↑	Mode	Owner/Group	Size	Modify Time
.com_ibm_tools_attach	drwxrwxrwt	STCUSR/STCGRP	8192	2023-02-24T09:41:17
.sh_history	-rw-----	VANWAG/SYSPROG	2653	2022-11-14T15:09:23
IBM	-rw-r--r--	JIMOD/SYSPROG	0	2019-10-11T10:03:34
IZUSEC	-rwxr-xr-x	SHARA15/SYSPROG	42023	2023-02-28T00:33:48
OCPSHAR2-user.properties	-rw-r--r--	APUIAM/SYSPROG	2036	2023-02-24T11:07:17
SA	-rw-r--r--	SHARA01/SYSPROG	1583	2022-06-13T14:07:22
SHARA08_migrat	Open	SHARA08/SYSPROG	734	2022-04-20T10:45:55
✓ SHARA15_IZUSE	Send to	SHARA15/SYSPROG	42023	2023-02-28T01:15:49
SHARA29	Copy to	SHARA29/SYSPROG	10	2022-03-21T11:37:20
SHARA2911	Copy Path to Clipboard	SHARA15/SYSPROG	10	2023-02-27T22:47:38
SHARB03_BASIC	Rename	SHARB01/SYSPROG	439650	2022-09-02T13:51:03
SHARB03_CS1	Change	SHARB03/SYSPROG	558	2022-08-25T12:54:02
SHARB03_STACK	Submit as JCL	SHARB03/SYSPROG	1358	2022-08-25T13:01:53
SHARB03_ST_CU	Delete	SHARB03/SYSPROG	1000	2022-09-02T13:51:45

Open Send to Copy to Copy Path to Clipboard Rename Change Submit as JCL Delete Refresh Deselect All Select Source for Compare Download Upload

## End of exercise

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**Thank You**