Unit 3: Using the ISPF utilities
Module 3: Using the ISPF move/copy utility
Using the ISPF move/copy utility – Introduction

The ISPF utilities provide a variety of functions for library, data set, and catalog maintenance. In this module, *Using the ISPF move/copy utility*, we’ll explore a set of utilities that allow you to copy or move a sequential or partitioned data set (PDS), or move one or more members from one PDS to another.

Copying a data set or member reproduces it in another location, which gives you two versions of the same information. However, moving a data set or member deletes the original copy so you have only one copy of the information in a new location.

Time to complete: 15 - 20 minutes
Using the ISPF move/copy utility – Objectives

Upon completion of this module, you should be able to:

• Access and use the ISPF move/copy utility
• Select move/copy utility options
• Use the main functions of the move/copy utility
Using the ISPF move/copy utility – Accessing the Utility Selection Panel

When you select option 3 on the Primary Options Menu, the Utility Selection Panel appears. This panel typically gives you access to many different utility options. In this series of modules on ISPF utilities, we explore some of the most commonly used utilities:

- The library utility
- The data set utilities
- The move/copy utility
- The dslist utility
- The compare and search utilities.
To access the move/copy utility, select option 3 on the Utility Selection Panel and press the Enter (right Ctrl) key*. Alternatively, you can jump directly to the Data Set Utility panel from the Primary Options Menu by enter 3.3 on the Primary Options Menu and pressing the Enter (right Ctrl) key*.

* The default Enter key for a Personal Communications (PCOMM) terminal emulator session is the right Ctrl key. If you are using a different terminal emulator, or your PCOMM keyboard has been customized, you may have a different Enter key.
Using the ISPF move/copy utility – Exploring the ISPF Move/Copy Utility panel

The Move/Copy Utility panel has several sections. Like most ISPF panels, this one has an action bar at the top.

The options you can select on this panel can operate on either an entire data set or a member.

The library and other data set section is similar to the section on the View Entry panel or the Edit Entry panel. This section is where you specify the name of the data set from which you want to copy or move information.

The password section allows you to enter a password to access password protected data sets.
Using the ISPF move/copy utility – **Move/copy utility options**

You can use the following options on an entire data set or member:
- **C** – copy a data set or members
- **M** – move a data set or members
- **CP** – copy and print
- **MP** – move and print
Using the ISPF move/copy utility – Copying or moving a data set

Use the C or M options to either copy or move a data set, respectively. If you also want a printout of the contents of the data set, use CP or MP. ISPF copies the data set contents into the list data set that it submits for batch printing when you end the ISPF session.

If you are searching for a specific member to copy, you can enter up to four library names. ISPF concatenates the search for each of the libraries until it finds the specified member. Concatenated search works only for copy options.

To copy a sequential data set, enter the name of the sequential data set in the Other Data Set Name field. Select your copy or move option, then press Enter.
Using the ISPF move/copy utility – Specifying the target data set

On the panel that follows, enter either the project, group, and type in the To ISPF Library fields or the fully qualified data set name in the To Other Partitioned or Sequential Data Set field. If you left the member field blank or specified an asterisk (the symbol *) in the member name field on the previous panel, the member name field does not appear on this panel.

If you specified a member on the previous panel, the member field appears here. Leave the member field blank to keep the copied member name the same.

If you want the copied member to have a new member name, type the new name in this field.
Using the ISPF move/copy utility – Specifying copy options

The options on the target data set panel include:
Replace like-named members replaces members in the To data set with a like-named member in the From data set. This means that duplicate members will be deleted from the To data set before they are copied or moved. If you do not select this option, duplicate members will not be copied or moved.
Process member aliases allows the primary member and all alias members to be copied together.
Using the ISPF move/copy utility – Specifying the target data set options

Specify the To Data Set Options at the bottom of the panel.
Under Sequential Disposition, select Mod to add the copied or moved data to the end of an existing data set. Select Old to erase the previous contents of the To data set.
Under Pack Option, select Yes to store the output data set in packed (compressed) format, No to store in unpacked format, or Default to accept the same format as the From data set.
The SCLM Setting specifies what type of edit was last performed on the file. You can set this to SCLM, non-SCLM, or to leave the current setting.
Using the ISPF move/copy utility – Moving a single member from one PDS to another - simulation

To move a single member from one PDS to another, enter the complete information (including member name) in the From ISPF Library section of the Move/Copy Utility panel. Then type M on the option line and press the Enter key.

To try a simulation of moving a member from one data set to another, click the Launch button.
Using the ISPF move/copy utility – Using the copy/move all option - simulation

To copy or move all members from one PDS to another, enter an asterisk (the symbol *) in the member field of the From ISPF Library.

Carefully consider the Replace like-named members option on the To data set panel. If you want to allow replacement of like-named members in the target data set, use a slash (the symbol /) to select this option. If you want to prevent replacement of like-named members in the target data set, do not select this option.

To try a simulation, click on the Launch button.
Using the ISPF move/copy utility – Selecting multiple members to copy or move

To select multiple members to copy or move from one PDS to another, fill in the Project, Group, and Type, but leave the Member field blank on the From data set panel. Then press the Enter key. In the To ISPF Library, enter the name of the To data set and press the Enter key. Because you left the member name field blank in the From data set, ISPF displays a member selection list. Type an S next to each member you wish to copy or move.
Using the ISPF move/copy utility – Summary

In this module, Using the ISPF move/copy utility, you have learned:

• How to access the move/copy utility
• How to copy and move data sets and data set members from one PDS to another