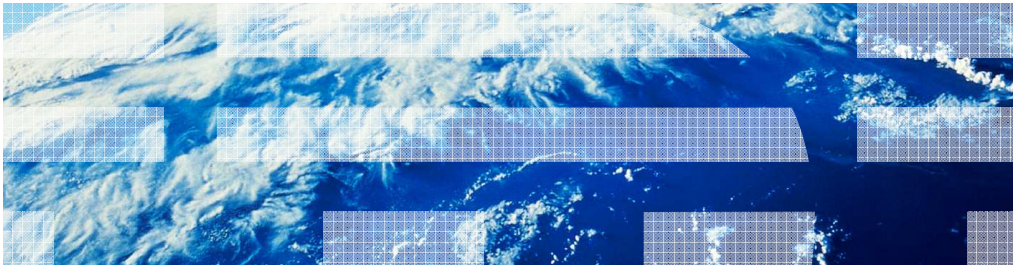


# z/OS V1R13

## ISPF: Data set allocate commands from data set list



## Session objectives

- Describe the ISPF enhancement to support the allocation of a new data set from the Data Set List display
- Identify the reasons for this enhancement
- Understand how to use this enhancement
  - Invocation
  - Functional content
  - Associated publications and references

The purpose of this presentation is to describe the Simplification enhancement to ISPF for z/OS V1R13 to support the ability to allocate a new data set from the Data Set List display. The presentation will describe the enhancement, identify the reasons for implementing the enhancement, and help you understand how to use the enhancement.

## Overview

- Problem Statement / Need Addressed
  - Many ISPF users spend most of their time working from the Data Set List display (ISPF option 3.4) since it supports most ISPF functions to process data sets
  - However if they need to create a new data set they must navigate to ISPF option 3.2
- Solution
  - Provide a Data Set List line command for the allocation of a new data set
- Benefit / Value
  - Ease of Use: the user does not have to leave the Data Set List display when they need to create a new data set
  - Simplification: the line command can be issued against a data set with attributes that are similar to those needed for the new data set

The ISPF Data Set List display supports most of the ISPF functions available for the processing of data sets. Consequently many ISPF users do most of their work from the Data Set List. However the Data Set List does not support the ability to create a new data set, which is usually done via ISPF option 3.2. To avoid the need for users to leave the Data Set List when they need to create a new data set a new line command is provided to support the allocation of a new data set.

## Usage and invocation

- The ISPF Data Set List display now supports the new AL line command for the allocation of a new data set
  - The name of the new data set must be entered with the AL command
    - The name can be enclosed in quotes to avoid the ISPF using the TSO prefix for the high level qualifier
    - No data set name needs to be provided if the AL command is issued against a data set that has just been deleted. The name of the deleted data set will be used for the new data set.
  - When the AL line command is entered against an existing data set a panel is displayed offering options to:
    - Create the data set using the attributes of the existing data set
    - Specify the attributes of the data set on the Allocate New Data Set panel

The new AL line command can be used in the Data Set List to allocate a new data set

If the AL line command is issued against an existing data set:

A new data set name must be entered with the AL line command

A panel is displayed giving the user options to either allocate the new data set using the attributes of the existing data set or allocate using attributes entered on a subsequent panel

If the AL line command is issued against a data set just deleted from the data set list no data set name needs to be entered and the deleted data set name will be used

## Usage and invocation

Using AL against an existing data set:

```

Menu Options View Utilities Compilers Help
ISRUDSL0 Data Sets Matching VANDYKE.LOAD* Row 1 of 4
Command ==> _____ Scroll ==> CSR
-----
Command - Enter "/" to select action Message Volume
-----
al load.new DYKE.LOAD A$US15
VANDYKE.LOAD.MSGTYPES A$US21
VANDYKE.LOADLIB A$US13
VANDYKE.LOADLIB.OLD A$US02
***** End of Data Set list *****

```

```

ISRMCALL Allocate Target Data Set
Command ==> _____
Specified data set VANDYKE.LOAD.NEW
does not exist.
If you wish to allocate this data set, select one of the options
below.

Allocation Options:
2 1. Allocate using the attributes of:
   VANDYKE.LOAD
  2. Specify allocation attributes
 Use existing SMS attributes for option 1

Instructions:
Press ENTER to allocate data set.
Enter CANCEL or END to cancel allocation.

```

## Usage and invocation

```

Menu RefList Utilities Help
ISRUAASE Allocate New Data Set
Command ==>
Data Set Name . . . : VANDYKE.LOAD.NEW
Management class . . . PRIMARY (Blank for default management class)
Storage class . . . PRIMARY (Blank for default storage class)
Volume serial . . . QSUS15 (Blank for system default volume) **
Device type . . . (Generic unit or device address) **
Data class . . . (Blank for default data class)
Space units . . . BLOCK (BLKS, TRKS, CYLS, KB, MB, BYTES
or RECORDS)
Average record unit (M, K, or U)
Primary quantity . . 16 (In above units)
Secondary quantity . 5 (In above units)
Directory blocks . . 5 (Zero for sequential data set) *
Record format . . . U
Record length . . . 0
Block size . . . 6144
Data set name type . PDS (LIBRARY, HFS, PDS, LARGE, BASIC, *
EXTREQ, EXTPREF or blank)
Extended Attributes (NO, DPT or blank)
Expiration date . . . (YY/MM/DD, YYYY/MM/DD
Enter "/" to select option
YY.DDD, YYYY.DDD in Julian form
DDDD for retention period in days
or blank)
_ Allocate Multiple Volumes

( * Specifying LIBRARY may override zero directory block)
( ** Only one of these fields may be specified)

```

Note: The Allocate New Data Set panel is only displayed if option 2 is selected on the Allocate Target Data Set panel. If option 1 is selected the new data set is automatically allocated using the attributes of the data set the AL command was issued against.

## Usage and invocation

Using AL against a deleted data set:

```

Menu Options View Utilities Compilers Help
ISRUDSL0 Data Sets Matching VANDYKE.LOAD* Data set deleted
Command ==> Scroll ==> CSR
-----
Command - Enter "/" to select action Message Volume
-----
          VANDYKE.LOAD                      A$US15
          VANDYKE.LOAD.MSGTYPES             A$US21
al █      VANDYKE.LOAD.NEW                   Deleted
          VANDYKE.LOADLIB                   A$US13
          VANDYKE.LOADLIB.OLD               A$US02
***** End of Data Set list *****

```

## Usage and invocation

```

Menu  RefList  Utilities  Help
-----
ISRUASE                      Allocate New Data Set
Command ==>

Data Set Name . . . : VANDYKE.LOAD.NEW

Management class . . . PRIMARY      (Blank for default management class)
Storage class . . . PRIMARY        (Blank for default storage class)
Volume serial . . . ASUS15        (Blank for system default volume) **
Device type . . .                  (Generic unit or device address) **
Data class . . .                   (Blank for default data class)
Space units . . . BLOCK           (BLKS, TRKS, CYLS, KB, MB, BYTES
or RECORDS)
Average record unit . . .          (M, K, or U)
Primary quantity . . . 50         (In above units)
Secondary quantity . . . 10       (In above units)
Directory blocks . . . 20         (Zero for sequential data set) *
Record format . . . U
Record length . . . 0
Block size . . . 6144
Data set name type . . . libraru   (LIBRARY, HFS, PDS, LARGE, BASIC, *
EXTREQ, EXTPREF or blank)
Extended Attributes . . .         (NO, OPT or blank)
Expiration date . . .             (YY/MM/DD, YYYY/MM/DD)
Enter "/" to select option
  _ Allocate Multiple Volumes     (YYY.DDD, YYYY.DDD in Julian form
or blank)

( * Specifying LIBRARY may override zero directory block)
( ** Only one of these fields may be specified)

```

Note: The Allocate New Data Set panel is only displayed if option 2 is selected on the Allocate Target Data Set panel. If option 1 is selected the new data set is automatically allocated using the attributes of the data set the AL command was issued against.



## Interactions and dependencies

- None

## Migration and coexistence considerations

- None



## Installation

- None

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## Session summary

- The AL line command can be used to allocate a new data set from the Data Set List display

## Appendix - References

- Publication changes
  - SC34-4823 ISPF User's Guide Volume II
    - Describes the new AL line command for the Data Set List



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