

File Manager for z/OS and Db2

Course Summary

Description

This course will introduce students to the skills necessary to use File Manager for z/OS. It will also introduce students to the skills necessary to use File Manager for Db2. A series of lab exercises will be used to reinforce the classroom education.

Objectives

After taking this course, students will be able to:

- Use File Manager to browse and edit standard z/OS file types (including VSAM).
- Apply a COBOL or PL/I layout to a dataset and reformat the layout as required.
- Build and apply templates to specify the records to be accessed within a dataset.
- Populate a dataset by copying or extracting data from sequential or VSAM datasets.
- Reformat existing record layouts to generate new datasets.
- Use File Manager to compare datasets.
- Modify File Manager system parameters as required.
- Navigate File Manager/Db2 panels.
- Edit, find, change, and delete Db2 data.
- List, create, and drop Db2 objects such as databases, tables, and views.
- Import and export Db2 tables and data from and to VSAM or sequential data sets.
- Use File Manager/Db2 to generate JCL to run Db2 online utilities.
- Create data to populate Db2 tables.
- Copy table data within Db2.
- Set processing options for File Manager/Db2

Topics

- File Manager Browse Facility
- Using Templates
- File Manager Edit Facility
- File Manager Utility Functions
- Introduction to File Manager for Db2
- File Manager/Db2 Browse and Edit Functions
- File Manager/Db2 Utilities
- Using Basic SQL prototyping
- File Manager/Db2 Processing options

Audience

This course is designed for application programmers, system programmers, technical support, and testers.

Prerequisites

Before taking this course, students should have taken the Introduction to z/OS course, or have equivalent experience. A TSO/ISPF course, or equivalent experience, is required. A working knowledge of COBOL or PL/I programming techniques is helpful, but not required. A working knowledge of VSAM datasets is helpful, but not required. Students should also have a working knowledge of basic Db2 concepts.

Duration

Two days

File Manager for z/OS and Db2

Course Outline

- I. Introduction**
 - A. Features of File Manager
 - B. Setting File Manager Parameters
- II. File Manager Browse Facility**
 - A. Specifying Member List Criteria
 - B. Dataset Name Masking
 - C. Browse Display Modes
 - D. File Manager Browse Commands
 - E. Browsing Keyed Datasets
- III. Using Templates**
 - A. Creating Temporary Templates
 - B. Using Templates
 - C. Dynamic Templates
 - D. Saving Templates
 - E. Using Existing Templates
 - F. Modifying Existing Templates
 - G. Using the Template Workbench
- IV. File Manager Edit Facility**
 - A. Editing Techniques Used By File Manager
 - B. Edit Modes
 - C. Editing in CHAR and TABL Mode
 - D. Editing in SNGL Mode
 - E. Edit Profiles
 - F. Editing Keyed Datasets
- V. File Manager Utility Functions**
 - A. Creating Data
 - B. Printing Data
 - C. Copying Data
 - D. Catalog Services
 - E. Displaying and Printing VTOCs
 - F. Searching For and Changing Data
 - G. Browsing AFP data
 - H. Browsing User Storage
 - I. Browsing the File Manager Print Data Set
 - J. Viewing Load Module Information
 - K. Comparing Data
 - L. Print Audit Trail Report
 - M. Viewing and Printing Copybooks
- VI. Introduction to File Manager for Db2**
- VII. File Manager/Db2 Browse and Edit Functions**
- VIII. File Manager/Db2 Utilities**
 - A. Print Db2 Table or View
 - B. Create and Drop Db2 Objects
 - C. Copy Data within Db2
 - D. Display and Process Db2 Object Lists
 - E. Manage Db2 Privileges
 - F. Import Sequential or VSAM Data into Db2
 - G. Export Db2 Data to Sequential or VSAM Data Set
 - H. Create Db2 Test Data
 - I. Db2 Utility Job Generation
 - IX. Using Basic SQL prototyping
 - X. File Manager/Db2 Processing option