

MVS TSO/ISPF Dialog Developer

Course Summary

Description

This course covers the ISPF Dialog Manager (ISPF-DM) through lecture, example, and hands-on exercises using the REXX language.

Topics

- Course introduction
- ISPF Dialog Manager Overview
- Panel Definition and Design
- Panel Sections and Development
- Message Files
- ISPF Services
- File Tailoring and Skeletons
- Miscellaneous Services (optional)
- Library Management Services (optional)
- REXX Review (optional)

Audience

This course is designed for programmers, operators and systems personnel who develop applications under TSO/ISPF, and CA-ROSCOE™ RPF Programmers moving to the TSO/ISPF environment.

Prerequisites

The student should have basic knowledge of the REXX programming language and TSO/ISPF user skills.

Duration

Five days

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Course Outline

- I. Course Introduction**
 - A. Topics covered
 - B. Structure of text, overheads and handouts
- II. ISPF Dialog Manager Overview**
 - A. Basic Terminology
 - B. Facilities
 - 1. REXX Address Keyword
 - 2. ISRDDN/DDLSIT
 - 3. ISPF Modeling
 - 4. TSO ALTLIB Command
 - 5. ISPF LIBDEF Command
 - 6. Special Keys
 - C. ISPF Data Sets and DDNAMES
 - D. ISPF Dialog Manager
 - E. What is a Dialog?
 - F. Dialog Elements
 - G. Message definition
 - H. ISPF Services
 - I. Command Tables
- III. Panel Definition and Design**
 - A. Basic Syntax
 - B. Pre-processed Panels
 - C. Additional Information
 - 1. EXIT and CANCEL Commands
 - D. Panels Sections – Overview
 - E. ISPF Panels design before and after version 4.1
 - 1. ISR@PRIM – The primary option menu
- IV. Panel Development**
 - A.)PANEL Keylists: variables used for keylists
 - B.)ATTR Attributes
 - C.)ABC Action Bar Choices
 - D.)ABCINIT
 - E.)ABCPROC
 - F.)BODY Primary Display Area
 - G.)MODEL Table Display Area
 - 1. Using ISPF table services
 - H.)AREA Scrollable Display Area
 - I.)INIT,)REINIT and)PROC Programmable sections
 - J. Using REXX in the panel definition.
 - K.)HELP Field sensitive help
- V. ISPF-DM Services**
 - A. ISPSTART Command
 - B. SELECT Service
 - C. DISPLAY Service
 - D. ADDPOP/REMPOP Services
 - E. TBDISPL Service
 - F. SETMSG Service
 - G. VPUT, VGET, and VERASE Services
- VI. Message Files**
 - A. Message File Formats
 - 1. Long messages
 - 2. Short messages
 - B. Message File names
- VII. File Tailoring and Skeletons**
 - A. What is a Skeleton?
 - B. Basic Skeleton programming
 - C. z/OS 1.5+ Programming
 - D. File Tailoring Services
 - 1. FTOPEN
 - 2. FTINCL
 - 3. FTCLOSE
 - 4. FTERASE
- VIII. Miscellaneous & Library Management Services (optional, only if time allows)**
 - A. CONTROL Service
 - B. Edit, Browse and View Services
 - C. DSINFO Service
 - D. MEMLIST Service
 - E. LM services as of z/OS 1.7
- IX. REXX Review (optional)**
 - A. An optional review of the REXX language may be presented before ISPF-DM (documentation is included with this course)