CA Endevor User Introduction

Course Summary

Description

This course focuses on the day-to-day operations of using CA Endevor User Instruction for SCM Mainframe. The course covers concepts as well as detailed instruction in the use of CA SCM for Mainframe for the Developer, Quality Assurance, Migration Coordination, and Operations Support Personnel. Practical experience is obtained through the use of hands-on workshops.

Objectives

Upon completion of this course, the student will be able to:

- Understand how CA Endevor User Introduction is organized and functions
- Find and display elements
- Able to do impact analysis
- Retrieve and Update code
- Prepare code for promotion
- Promote code through the life-cycle
- Approve promotion requests
- Interpret listings and batch execution requests
- Select and execute CA Endevor User Introduction functions
- Understand and use Parallel Development Manager

Topics

- CA Endevor User Introduction - overview
- Inventory management
- Processor/output management
- Source management
- Endevor actions
- Endevor navigation
- Putting it all together
- CA Endevor User Introduction packages
- Endevor reporting functions
- Lab sessions
- Questions and answers

Audience

This course is intended for analysts, developers, and coordinators who will be using CA Endevor User Introduction for source management, code compilations and promotions of mainframe based software through the development and promotion life-cycle.

Prerequisites

The student should have a good familiarity with MVS, TSO/ISPF, as well as Job Control Language (JCL). For programmers, a basic level of software development, using the language(s) and procedures available at your shop is necessary. Prior knowledge of using CA Endevor User Introduction is not required.

Duration

Two days

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Course Outline

I. Endevor Change Manager Overview
- A. What is Endevor?
- B. Functions of Endevor
- C. Software development life-cycle

II. Inventory Management
- A. Endevor terminology
  - i. Environments and stages
  - ii. Systems and subsystems
  - iii. Types and elements
- B. Index & footprint structures

III. Processor/Output Management
- A. Processors
- B. Processor groups
- C. Processor utilities and functions

IV. Source Management: Version and Level Revision History Technology

V. Endevor Actions
- A. RETRIEVE, ADD, UPDATE, GENERATE, MOVE, DELETE, TRANSFER
- B. Processor relationships to Endevor actions

VI. Endevor Navigation
- A. The Endevor TSO/ISPF menu structure
- B. Display functions

VII. Putting it all Together
- A. Change Control Identifiers (CCIDs) - project numbers
- B. How to get a copy of production source (foreground)
- C. Building Endevor Software Control Language (SCL) for batch processing
  - i. How to ADD an element to Endevor (Batch)
  - ii. How to MOVE an element to Endevor (Batch)
  - iii. Interpreting the batch execution
- D. Viewing the results in Endevor
  - i. Master control file information
  - ii. Revision history
  - iii. Component History (ACM)

VIII. Endevor Packages
- A. What is an Endevor package?
- B. Why use Endevor packages?
- C. Package approval processing
- D. How to build a package
- E. How to promote elements to production using packages
- F. Component validation features
- G. How to use “Batch Packaging” functions

IX. Endevor Reporting Functions

X. Lab Sessions

XI. Questions and Answers

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