

Endevor: Agile and Concurrent Development Configuration 200

EDUCATION COURSE DESCRIPTION

SUPPORTED PRODUCT RELEASE(S)

Endevor
Version 19 or greater

COURSE TYPE, LENGTH, & CODE

- Web-based Training (WBT)
- 45 minutes
- 06END20450

PREREQUISITE(S)

- Thorough understanding of the application lifecycle of your organization
- Familiarity with z/OS JCL and utilities, and TSO/ISPF
- 06END10160: Endevor: Overview 100
- 06END10170: Endevor: Introduction 100

WHO SHOULD ATTEND

- System Administrator
- Change Administrator

Course Overview

Software deployment involves many steps and stages and can be slow and prone to errors when these steps are performed manually. Endevor is an integrated set of management tools that can be used to automate, control, and monitor the mainframe software development lifecycle. With the ability to support unique development lifecycles, Endevor provides automated and comprehensive change and configuration management.

In this course, you will gain the knowledge and skills needed to help your organization successfully plan and configure Endevor as a software change management tool to align with the Agile methodology and/or the recommended concurrent development method..

This Web-based course presents a portion of the same material as the 06END20081 Instructor-led course and is one Web-based course in the Endevor: Administrators bundle.

This Course Will Show You How To:

- Enable your developers to create their own development code branches (Subsystems) that map to the code trunk
- Perform the recommended concurrent development process
- Resolve change conflicts caused by concurrent development activity
- Configure Endevor for concurrent development (Sandboxes or Dynamic Environments)

Course Agenda

Module 1: Utilizing Agile and Concurrent Development Using Code Branches

- Definition of Agile & Concurrent development
- Concurrent development in Endevor
- What is a code trunk?
- What is a code branch?
- What is a Dynamic Environment?

Module 2: Performing the Recommended Parallel Development Process

- The sandbox development process
- Testing recommendations
- Override signout options
- Packages for Move actions
- Package approval

Module 3: Modifying an Application in Production Example

- Inventory location and classification
- Create and configure a branch
- The software lifecycle
- Branch data set names
- Output libraries and Elements
- Code Branch cleanup

Module 4: Resolving Change Conflicts from Concurrent Development Activities

- Cast Package Sync Checks
- Nosource & Sourced Elements
- Methods to resolve change conflicts with sourced Elements

Module 5: Configuring Endevor for Concurrent Development

- Create a Type "SANDBOX"
- Create a Type "DYENV"
- Common data set naming conventions
- Alternate ID for data security
- Package approval
- User options for concurrent development
- Best practices

Course Resources

Communities

<https://community.broadcom.com/mainframesoftware/communities/communityhomeblogs?CommunityKey=592eb6c9-73f7-460f-9aa9-e5194cdafcd2>

Product Course Lists

<https://community.broadcom.com/education/communities/communityhomeblogs?CommunityKey=bd92ecf3-d291-44ae-87ef-f17f7697397e>

Documentation

<https://techdocs.broadcom.com/us/en/ca-mainframe-software/devops/ca-endavor-software-change-manager/18-1.html>

Product Information

<https://www.broadcom.com/products/mainframe/application-development/endavor>

Education

<https://www.broadcom.com/support/education/mainframe>