SCCM with Integrity 10.4 for Basic Users

Overview

Course Code  WBT-4103-0
Course Length  8 Hours

In this course, you will learn about Integrity Software Change and Configuration Management 10.4. You will understand how to accomplish basic version control and configuration management skills. You will learn how to work with sandboxes, members, and change packages. Branching, parallel, and variant development will also be introduced.

At the end of each module, you will complete a set of review questions to reinforce critical topics from that module. At the end of the course, you will complete a course assessment in Pro/FICIENCY intended to evaluate your understanding of the course as a whole.

Course Objectives

- Understand Basic Configuration Management terms and concepts
- Creating a personal workspace using Sandboxes
- Check out, edit files and check back in files
- Identify different types of locks
- Identify Delta Symbols
- Resolve file differences
- Work within parallel development environment
- Create branched versions of members
- Keeping track of related code changes by using Change Packages
- Locate Members and Subprojects by name
Prerequisites

• None

Audience

• This course is intended for Integrity users who develop code within a controlled configuration management environment. People in related roles will also benefit from taking this course.
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Course Content

Module 1. Configuration Management Overview
   i. Understanding Version Control
   ii. Understanding Configuration Management
   iii. Understanding Integrity Software Change and Configuration Management
   iv. Understanding Working Files
   v. Understanding the Integrity Development Cycle
   vi. Understanding Change Packages
   vii. Reviewing the Developer 10 ViewSet

Knowledge Check Questions

Module 2. Working with Software Change and Configuration Management Sandboxes
   i. Understanding Sandboxes
   ii. Creating a Sandbox
   iii. Understanding Members
   iv. Understanding Member Revisions
   v. Viewing Member History
   vi. Understanding Member History Contents
   vii. Identifying Non-Members
   viii. Reviewing Revision Metadata
   ix. Understanding Change Package Member Operations
   x. Integrating Change Packages with Integrity Items
   xi. Revising Members
   xii. Identifying Types of Locks
   xiii. Submitting a Change Package
   xiv. Dropping a Sandbox
   xv. Importing a Sandbox

Knowledge Check Questions

Module 3. Working with Members
   i. Adding Members
   ii. Viewing the Graphical Member History
   iii. Differencing Member Revisions
   iv. Using the Annotated Revision View
   v. Locating Members and Subprojects
   vi. Moving Members
   vii. Renaming Members
   viii. Reverting Members
   ix. Identifying Deltas
   x. Using Refresh (F5)
   xi. Using Resynchronize (F6)

Knowledge Check Questions
Module 4. Working with Change Packages
   i. Searching for Change Packages
   ii. Filtering Change Packages
   iii. Understanding Change Package Entry Categories
   iv. Working with Change Package Reviews
   v. Resynchronizing by Change Package

Knowledge Check Questions

Module 5. Parallel Development
   i. Understanding Member Branching
   ii. Understanding Revision Numbering
   iii. Performing Parallel Development by Merging with Member Revision
   iv. Performing Parallel Development by Branching and Merging

Knowledge Check Questions

Module 6. Variant Development
   i. Diverging Development
   ii. Creating Development Paths
   iii. Understanding Variant Projects
   iv. Creating Variant Sandboxes
   v. Creating a Build Sandbox
   vi. Retargeting a Sandbox

Knowledge Check Questions

Module 7. IDEs
   i. Reviewing SCCM Supported Integrated Development Environments (IDEs)
   ii. Understanding the Eclipse Integration
   iii. Reviewing the Integrity Eclipse Interface
   iv. Creating a Sandbox within Eclipse
   v. Checking In and Out within Eclipse
   vi. Checkpointing within Eclipse

Knowledge Check Questions