

BMC AMI DevX Code Insights 23.x: Fundamentals Using Workbench for Eclipse (WBT)

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Course Code: CPCI-WFEU-F2306

Modality

Web-based Training (WBT)

Duration

2 Hours

Applicable VersionsBMC AMI DevX Code
Insights 23.6**Target Audience**

- Developers
- Programmers

Course Overview

BMC AMI DevX Code Insights empowers developers to analyze mainframe programs intelligently, visualize underlying code structure, dependencies, and logic flow, and break apart mainframe applications into smaller, callable subprograms. The BMC AMI Assistant tool for BMC AMI DevX Code Insights provides a rapid understanding of complex and unfamiliar code.

This web-based course helps learners visualize the program in real time using Runtime Visualizer and perform Code Analysis using features such as Program Structure, Program Summary, Procedures, Problems, and Data and Logic flow. The course also provides information on using the Code Extract feature to refactor complex programs into manageable, callable subprograms. The course enables learners to use BMC AMI Assistant to obtain code explanations of unfamiliar code. The course includes demonstrations and scenarios to understand these features from a project perspective.

Recommended Trainings

- None

Learning Objectives

- Discuss the need for BMC AMI DevX Code Insights in the current development lifecycle
- Use the Runtime Visualizer to generate a dynamic visualization of your program
- Explain the functionalities of the Program Structure chart
- Interact with the Program Structure chart to analyze your code
- Interact with the Logic Flow and Data Flow charts to analyze your code
- Perform simple and complex Code Analysis using the different views in Code Insights
- Perform Code Extract to build more modular code by extracting logic into its subroutine
- Demonstrate how to use Code Explain with BMC AMI Assistant to understand code logic
- Add connections to multiple LPARs and connect via 3270 Emulator

Course Modules

Module 1: Introduction to BMC AMI DevX Code Insights

- Need for Code Insights
- Challenges in the development life cycle
- Capabilities and benefits of Code Insights

Module 2: Runtime Visualizer to Perform Dynamic Analysis

- Views in the Runtime Visualizer perspective
- Activate and Execute Runtime Visualizer
- Export and Import the Runtime Visualization chart

Module 3: Code Analysis—Working with Program Structure

- Program Structure chart—Functionalities
- Interact with the Program Structure chart

Module 4: Code Analysis—Working with Logic and Data Flow Views

- Logic Flow View
- Data Flow View
- Interacting with Logic and Data Flow Charts
- Customize and export data

Module 5: Code Analysis—Identifying and Resolving Code Problems

- View code problems and description
- Use Program Summary, Problems, and Procedure Metrics for analyzing code
- Resolve code issues
- Perform simple and complex Code Analysis

Module 6: Code Explain to Understand Code

- Code Explain Powered by BMC AMI Assistant
- Using the Explain Code Selection and Explain Program Options
- Generate an Explanation of Code

Module 7: Code Extract to Refactor Code

- Purpose of Code Extract
- Code Extract options
- Extract logic into its subroutine

Module 8: 3270 Emulator

- Add connections to multiple LPARs
- Connect to multiple LPARs via 3270 Emulator