

BMC AMI DevX Code Insights 25: Fundamentals Using Workbench for VS Code (WBT)

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Course Code: CPCI-WVCU-F2504

Modality	Duration	Applicable Versions	Target Audience
Web-based Training (WBT)	2 Hours	BMC AMI DevX Code Insights 25.4	<ul style="list-style-type: none">• Developers• Programmers

Course Overview

BMC AMI DevX Code Insights using the VS Code interface 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 Platform Services for BMC AMI DevX Code Insights provide 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, Data and Logic flow, Program Summary, and Procedures. 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 Code Explain, which offers AI services through the BMC AMI Platform, to obtain code explanations of unfamiliar code. The course includes demonstrations and scenarios to understand these features from a project perspective.

Note: In addition to English, the textual content of this course is available in French, French (Canada), German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish (Mexico).

Recommended Trainings

- None

Learning Objectives

- Discuss the need for BMC AMI DevX Workbench Code Insights in the current development lifecycle
- Use the Runtime Visualizer to generate a dynamic visualization of your program
- Export and import runtime visualization charts
- 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
- Explain the Program Summary and Procedure functionalities to analyze code
- Perform simple and complex code analysis using the different functionalities in Code Insights
- Perform Code Extract to build more modular code by extracting logic into its subroutine
- Describe how to understand code logic using Code Explain through the BMC AMI Platform services

Course Modules

Module 1: Introduction to Code Insights Using Workbench for VS Code

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

Module 2: Performing Real-Time Analysis Using Runtime Visualizer

- Activate and Execute Runtime Visualizer
- Export and Import the Runtime Visualization chart

Module 3: Code Analysis—Program Structure Chart

- Program Structure Chart
- Using the Program Structure chart

Module 4: Code Analysis—Logic and Data Flow Charts

- Logic Flow Chart
- Data Flow Chart

Module 5: Simple and Complex Code Analysis

- Procedure and Program Summary View
- Perform Simple Code Analysis
 - Using Program Structure, Data Flow, and Logic Flow
 - Using Program Summary and Procedure Views
- Perform Complex Code Analysis
 - Using Runtime Visualizer
 - Using the Data Flow Chart

Module 6: Code Explain Using BMC Platform Services

- Code Explain Powered by BMC AMI Platform Services
- Generate Code Explanation
- Explain Program
- Explain Procedure
- Explain Code Selection

Module 7: Using Code Extract to Refactor Code

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

Discount Options

Have multiple students? Contact us to discuss hosting a private class for your organization.

Contact us for additional information 