

# BMC AMI DevX Workbench for VS Code 25.x: Fundamentals Using (WBT)



ABSTRACT

Learning Path >

Course Code: CPVC-WBUS-F2504

Modality	Duration	Applicable Versions	Target Audience
Web-based Training (WBT)	2 hours	BMC AMI DevX Workbench for VS Code 25.04	<ul style="list-style-type: none"><li>Developers</li></ul>

## Course Overview

BMC AMI DevX Workbench for Visual Studio Code is a comprehensive extension pack designed to modernize mainframe development by integrating BMC's DevX tools into the familiar VS Code environment. It enables developers to efficiently code, test, debug, and manage mainframe applications using contemporary DevOps practices.

This web-based course helps learners introduce VS Code, its interface, and key features, and understand how to install extensions in BMC AMI DevX Workbench. It also helps them understand workspace and messages. They will also learn about the various settings of the BMC AMI DevX Workbench for the VS Code product and troubleshoot basic issues.

## Prerequisites

- None

## Recommended Training

- None

## Learning Objectives

- Explain VS Code and list the features of VS Code
- Understand the interface of VS Code
- List the extensions offered by Workbench for VS Code and describe each extension
- Understand VS Code Workspace
- Explain Single Folder Workspace and Multi-Root Workspace with an example
- Discuss single-folder Workspace and multi-root workspace settings
- Understand how to add and remove folders to your workspace and how to open and save Workspaces
- Understand the two types of notifications
- Describe Progress Messages
- Understand Message Style and the best practices for writing messages
- Understand how to configure essential session and interface settings in DevX Workbench, including HotExit behavior, timeout controls, and startup preferences
- Customize data set handling and establish connections to enterprise services and the AMI Platform
- Learn how to monitor, debug, and trace system activity efficiently
- Understand how to handle mainframe datasets, work with COBOL, and navigate z/OS file systems effectively

## Course Modules

### Module 1: Workbench for VS Code Overview

- Introduction to VS Code and Interface
- Introduction to Workbench for VS Code
- Installing and Uninstalling

### Module 2: Workspace and Messages

- Workspace
- Messages

### Module 3: Settings

- Essentials for Working with DevX Workbench
- Diagnostics, Debugging, and Logging
- Working with Datasets, COBOL, and z/OS Files

### Module 4: Troubleshooting

- Workbench Service Connectivity
- Common Issues in Development and Debugging