

BMC AMI DevX TOTAL TEST

BMC AMI DevX Total Test 20.x: Fundamentals

Preparing a Test Program (WBT)

[Learning Path >](#)

Course Code: CPKT-PRPG-F2010

Modality

Web-based Training (WBT)

Duration

2 Hours

Applicable Versions

- BMC Compuware Topaz for Total Test 20.08+
- BMC AMI DevX Total Test 20.14+

Target Audience

- Developers (Testers)

Course Overview

BMC AMI DevX for Total Test is an automated testing solution that enables developers and testers to test mainframe programs and subprograms almost immediately after updating a piece of code. Performing automated testing through Topaz for Total Test increases the effectiveness and coverage of software testing, lowers failure rate, and ensures higher quality software. BMC AMI DevX for Total Test is available from BMC AMI DevX Workbench, which is an Eclipse-based IDE.

In this web-based course, learners will understand how to prepare a mainframe test program before they can perform automated testing using Total Test. The course demonstrates how to scan test programs, generate runtime visualization, create a debugging session, generate code coverage reports, and optimize test data using functionalities and tools, such as Shared Services, Scan Utility, Runtime Visualizer, and BMC AMI DevX Code Debug (formerly BMC Compuware Xpediter). The course is presented as interactive simulations and demonstrations that guide the learners on performing the steps involved in preparing a test program in Total Test.

This course was created with the former Compuware names, but the content is valid for users of both versions. The course lessons have not been changed to reflect the new names.

Prerequisites

- NA

Recommended Trainings

- BMC AMI DevX Total Test 20.x: Fundamentals Concepts (WBT)

Learning Objectives

- Compile test program using Shared Services.
- Execute Scan Utility to scan programs and identify unsupported functionalities.
- Create an BMC AMI DevX Code Debug Configuration.
- Use Runtime Visualizer to generate a sequential visualization of the test program.
- Right-size data in a test program
- Run BMC AMI DevX Code Coverage to test the execution of code

Course Modules

Module 1: Compile Test Program with Shared Services

- Need for Source Support
- Xpediter Eclipse: DDIO
- Source Shared Directories, Versions and Concatenation

Module 2: Run the Scan Utility

- Topaz for Total Test Control Library
- Prepare and Run the Scan Utility
- Review Content

Module 3: Create and Xpediter Debug Configuration

- Create an Xpediter Batch Debug Configuration
- Create an Xpediter CICS Debug Configuration

Module 5: Right-Size the Test Data

- Test Data - The Problem
- Test Data - The Solution

Module 4: Create Runtime Visualization

- Execute Runtime Visualizer
- Interpret Runtime visualization

Module 6: Run Xpediter Code Coverage

- Collect code coverage using Xpediter

Discount Options

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

Contact us for additional information 