



SAP - ABAP Programming in Eclipse

Code: BC404-v016
Length: 3 days
URL: [View Online](#)

Skills Gained

- This course will prepare you to:
 - Learn how to develop custom ABAP applications using the ABAP Development Tools for Eclipse (ADT)

Who Can Benefit

- Developer
- Developer Consultant

Prerequisites

- Essential:
 - Basic ABAP Programming Knowledge (BC400 or equivalent)
- Recommended:
 - Basic Knowledge of Object-Oriented Programming (BC401 or equivalent)

Course Details

Course Content

- Introduction to Eclipse
 - Understanding How SAP Uses Eclipse
 - Installing Eclipse
 - Defining an ABAP Project
 - Working With the Eclipse Workbench
- The ABAP Development Cycle in Eclipse
 - Creating Repository Objects

- Editing a Repository Object
- Debugging ABAP in Eclipse
- Function Groups and Function Modules
 - Creating a Function Group and a Function Module
- ABAP Dictionary Objects in Eclipse
 - Working With Data Elements
 - Working With Structures
 - Modelling Views with ABAP Core Data Services
- ABAP Objects and Eclipse
 - Creating a Global Class
 - Refactoring
- Web Dynpro Development
 - Creating Web Dynpro Components
- Utilities in Eclipse
 - Navigating in Eclipse
 - Searching in Eclipse
 - Managing Version Control
 - Identifying Sources of Help and Information
- Testing and Analysis
 - Performing Static Testing with the Syntax Check
 - Performing Static Testing with the ABAP Test Cockpit
 - Performing ABAP Unit Tests
 - Analyzing Performance with the ABAP Profiler
- Eclipse: An Extensible Toolkit
 - Extending Eclipse Functionality with Other SAP Tools

Notes

- Courseware available as flipbook in Learning Hub

Course based on software release

- ECC6.0 EHP8 SP00 / NW 7.5 SP01, Eclipse 4.6 with ABAP Development Tools 2.64
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