

BC404: ABAP Programming in Eclipse

Course Outline

Course announcements

Gain detailed knowledge about the ABAP Development Cycle using the Eclipse-based tools at SAP and learn how to develop custom ABAP applications using this Integrated Development Environment.

Course Duration

3 Days

Delivery Format

Classroom, Virtual Live Classroom, Hybrid

Course Fee

Contact us for more details

Goals

This course will prepare you to:

- Learn how to develop custom ABAP applications using the ABAP Development Tools for Eclipse (ADT)

Audience

- Developer
- Developer Consultant

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