

Advanced ABAP Debugging and Analysis

Course Summary

Objectives

At the end of this course, students will be able to:

- Fully exploit the capabilities of ABAP debugger.
- Use all kinds of debugger tools.
- Restrict debugging on predefined software layers.
- Debug applications involving HTTP and RFC calls and user switches.
- Create and use debugger scripts.

Topics

- Debugger Functionality
- Layer Aware Debugging
- Request-Based Debugging
- Debugger Script

Audience

Those who can benefit from this Advanced ABAP Debugging and Analysis course include:

- Developer
- Developer Consultant

Prerequisites

Essential:

- ABAP Objects
- Advanced ABAP

Recommended:

- Practical experience in ABAP

Duration

Five days

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Course Outline

I. Debugger Functionality

- A. Describing Fundamental Debugger Functionality
- B. Controlling Processing in the Debugger
- C. Defining Breakpoints and Watchpoints
- D. Analyzing Data in the Debugger
- E. Analyzing Memory Consumption in the Debugger
- F. Debugging User Interfaces
- G. Using Additional Debugger Functions

II. Layer Aware Debugging

Using Layer Aware DebuggingE21

III. Request-Based Debugging

Using Request-Based Debugging

IV. Debugger Scripting

- A. Using Predefined Debugger Scripts
- B. Creating and Executing Custom Debugger Scripts