Advanced ABAP

Cursusduur: 5 Dagen   Cursuscode: BC402

Beschrijving:

In this course, you will acquire in-depth knowledge of the advanced features in ABAP programming and understand how to apply them practically in your ABAP applications.

Doelgroep:

- Developer
- Developer Consultant

Doelstelling:

- This course will prepare you to:

- Acquire in-depth knowledge of the ABAP programming language

- Write more robust ABAP programs

- Assess ABAP programming techniques according to performance aspects and develop high-performance programs

- Gain detailed knowledge in ABAP Open SQL

- Develop dynamic ABAP programs

Vereiste kennis en vaardigheden:

Essential:

- BC400
- BC401
Recommended:

- Practical programming experience in ABAP & ABAP Objects
- BC430

Cursusinhoud:

- ABAP Language Evolution
- Explaining the Difference between Statements, Functions and Expressions
- Describing ABAP Data Types and Data Objects
- Selecting Data from a Single Database Table with Open SQL
- Program Calls and Memory Management
- Calling Programs Synchronously
- Describing the ABAP Runtime and Memory Management
- Using Shared Objects
- Statements, Functions, and Expressions for Simple Data
- Using Numeric Data Types in Arithmetic Expressions
- Understanding Statements for Processing Character Strings and Byte Strings
- Processing Character Strings and Byte Strings Using Functions and Expressions

- Internal Tables
- Using Standard, Sorted, and Hashed Tables
- Using Special Techniques with Internal Tables
- Using Expressions for Internal Tables
- Using Data References and Field Symbols
- Dynamic Programming
- Explaining the Dynamic Programming Techniques of ABAP
- Using Dynamic Statements and Dynamic Calls
- Using Generic Data Types
- Describing Data Types, Data Objects, and Objects at Runtime
- Creating Data Types, Data Objects, and Objects at Runtime
- ABAP Open SQL

- Describing the Technical Background of Database Accesses with Open SQL
- Processing and Aggregating Datasets on the Database
- Implementing Complex WHERE Conditions and Special INTO Clauses
- Using the Features of the New Open SQL
- Selecting Data from Multiple Database Tables
- Explaining Additional Techniques for Reading from Multiple Database Tables
- Analysis and Testing
- Defining and Activating Checkpoints
- Using the ABAP Trace
- Using the SQL Trace
- Using the SQL Monitor

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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