

ABAP Dictionary

Course Summary

Objectives

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

- Discuss the role of the ABAP Dictionary in the SAP system and its scope of functions.

Topics

- Introduction to the ABAP Dictionary
- Data Types in the ABAP Dictionary
- Database Tables
- Performance During Table Access
- Input Checks
- Dictionary Object Dependencies
- Table Changes
- Views and Maintenance Views
- Search Helps

Audience

Those who can benefit from the ABAP Dictionary course include:

- Developer
- Developer Consultant

Prerequisites

Essential:

- ABAP Workbench Foundations

Recommended:

- None

Duration

Three days

A BAP Dictionary

Course Outline

I. Introduction to the ABAP Dictionary

Describing the ABAP Dictionary

II. Data Types in the ABAP Dictionary

- A. Creating Domains and Data Elements
- B. Creating Flat Structures
- C. Creating Table Types and Deep Structures
- D. Creating Type Groups

III. Database Tables

- A. Creating Transparent Tables
- B. Defining Cluster Tables and Pooled Tables

IV. Performance During Table Access

- A. Creating Database Table Indexes
- B. Setting Up Table Buffering

V. Input Checks

- A. Creating Fixed Values
- B. Defining Foreign Keys to Perform Input Checks
- C. Creating Text Tables

VI. Dictionary Object Dependencies

- A. Differentiating Between Active and Inactive Dictionary Objects
- B. Identifying Dependencies with ABAP Dictionary Objects

VII. Table Changes

- A. Performing a Table Conversion
- B. Enhancing Tables Using Append Structures

VIII. Views and Maintenance Views

- A. Creating Database Views
- B. Creating Maintenance Views
- C. Creating View Clusters

IX. Search Helps

- A. Creating Search Helps
- B. Applying Advanced Search Help Techniques