

Enterprise Architecture Modeling with SAP PowerDesigner 16.5

Course Summary

Description

Learn how SAP PowerDesigner is used as a modeling tool that supports Enterprise Architecture (EA) from business goals through implementation using unique Link and Sync technology. Gain knowledge about how to remove silos, increase alignment, and improve business agility to respond to changes in business, technology, competition, and regulations.

Objectives

After taking this course, students will be able to:

- Explain the Enterprise Architecture Model (EAM) in SAP PowerDesigner.
- Describe how all model types fit into an Enterprise Architecture
- Use Dependency Matrices (available in all modules) to help you visualize and edit links between any types of objects, even if they are in different kinds of models.
- Customize the display preferences for extended objects and the objects of the new Enterprise Architecture Model (EAM).
- Describe cross-model Impact Analysis - Store and maintain cross- model dependencies for complete impact analysis across the enterprise

Topics

- SAP PowerDesigner Environment
- Introduction to SAP PowerDesigner and Enterprise Architecture Models (EAMs)
- Business Layer in EAM
- Application Layer in EAM
- Technology Layer in EAM
- Diagrams and Packages
- Reports in SAP PowerDesigner
- Model Management
- Repository in SAP PowerDesigner

Audience

This course is designed for enterprise architects, systems architects, and business analysts.

Prerequisites

There are no prerequisites for this course.

Duration

Two days

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Course Outline

- I. *SAP PowerDesigner Environment***
 - A. Examining the SAP PowerDesigner Environment
 - B. Defining the SAP PowerDesigner File Structure
 - C. Creating a Library
 - D. Creating a Glossary
- II. *Introduction to SAP PowerDesigner and Enterprise Architecture Models (EAMs)***
 - A. Using SAP PowerDesigner for Modeling
 - B. Creating Diagrams in an EAM
- III. *Business Layer in EAM***
 - A. Using Organization Charts and Business Communication Diagrams
 - B. Building the Business Layer in an EAM
- IV. *Application Layer in EAM***
 - A. Defining the Application Layer
 - B. Creating Service-Oriented Diagrams
- V. *Technology Layer in EAM***
 - A. Identifying Elements of the Technology Layer
- VI. *Diagrams and Packages***
 - A. Creating Diagrams
 - B. Creating Packages
- VII. *Reports in SAP PowerDesigner***
 - A. Reporting in SAP PowerDesigner
 - B. Generating Reports
- VIII. *Model Management***
 - A. Checking the EAM
 - B. Building Cross-Model Relationships
- IX. *Repository in SAP PowerDesigner***
 - A. Checking Documents in and out of the Repository
 - B. Configuring a Workflow
 - C. Configuring Repository Branches
 - D. Finalizing the Repository Configuration