

SmartComponent Library Training

TRAINING

Course Duration 5 days

Description The SmartComponent Library is a framework from Consultingwerk, designed to modernize existing OpenEdge applications and to provide the foundation of new projects – in the cloud and on premise. The architecture of the SmartComponent Library simplifies integration with future technologies and the implementation of new business requirements.

Day 1

- Architectural Overview: The SmartComponent Library, the OpenEdge Reference Architecture (OERA) and the Common Component Specification (CCS)
- Overview of the training environment, Tools, Progress Developer Studio Workspace, AppServer
- Using the Business Entity Designer to build and test Business Entities
- Overview of Internet Resources for the SmartComponent Library

Day 2

- Developing Business Entities
- Accessing Business Entities
- Simple and Complex Validation
- Using Dataset Model Classes
- Strong Typed Queries
- The Hidden Gems: The Util Helper Classes

Day 3

- Complex Query Scenarios
- Command line tools: Scaffolding and Static Names Generator
- GUI for .NET Application Development
- Generating GUI for .NET Applications with the SmartComponent Library
- Building Complex Screens

Day 4

- Business Tasks and Invokable Methods
- Object Serialization Options
- Building RESTful Services
- Testing RESTful Services using PASOE
- Logging Options
- Command line tools: Trimming and monitoring the PASOE

Day 5

- GUI for .NET Applications Development
- Generating GUI for .NET Application with the SmartComponent Library
- Building Complex screens

Prerequisites

- Progress Developer Studio for OpenEdge (basics)
- OOABL (basics)
- ProDatasets (understanding of concepts at least)
- AppServer (basic understanding)

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