

Integrating Siebel 8.0 Applications

Kestvus: 5 päeva

What you will learn

This course is designed to provide participants with the knowledge to integrate Siebel CRM applications in a variety of integration strategies. This course is intended for members of Siebel implementation teams (customer, partner, or system integrator) who are responsible for integrating Siebel applications with other applications in their systems. The course focuses primarily on Siebel technology and concepts and discusses key Service-Oriented Architecture(SOA) technologies such as Web services.

Participants learn various Siebel Enterprise Application Integration (EAI) technologies, thus enabling them to select and implement an appropriate integration strategy to meet their business requirements. They learn how to use these technologies to implement both point-to-point integrations and hub-and-spoke integrations. Students learn how to integrate Siebel CRM with Oracle Fusion Middleware using both Enterprise Service Bus (ESB) Services and BPEL processes. This course also discusses Oracle Application Integration Architecture (AIA) and shows how the use of canonical objects and application-independent business services can reduce the effort to integrate a large set of applications. Learn To: Use the Siebel EAI tool-kit Build integration workflows Use Siebel Web services Integrate Siebel CRM with Oracle Fusion Middleware Configure external and virtual business components

Audience

Application Developers
Developer
SOA Architect
Technical Consultant

Prerequisites

Required Prerequisites
Siebel 8.0 Essentials

Suggested Prerequisites

XML
HTTP
Oracle Fusion Middleware

Course Objectives

Configure an integration solution that uses Enterprise Service Bus (ESB) flows and Business Process Execution Language
Configure an integration solution based on data federation that uses external business components and virtual business
Determine an appropriate integration solution to satisfy a set of business requirements
Configure an integration solution based on data exchange
Configure an integration solution that uses Web services

Course Topics

Overview of Siebel Integration

Challenges in Application Integration
Siebel Integration Technologies
Topologies for Integration
Fundamental Integration Activities

Overview of XML

Role of XML in Integration
Review of XML Concepts
XML, XSD, and XSLT Files
XML Namespaces

Integration using Integration Workflows

Configuring Integration Objects
Using the EAI Siebel Adapter
Using the EAI XML Converter
Using File Transport
Building an Integration Workflow
Using the Siebel Data Mapper
Using HTTP Transport

Integration using a Service Oriented Architecture

Using Services
Application Services Interfaces
Overview of Web Services
Using Siebel Inbound Web Services
Using Siebel Outbound Web Services

Integration Using Oracle Fusion Middleware

Benefits of Middleware
Integrating Siebel CRM using ESB Services
Integrating Siebel CRM using BPEL Processes
Understanding Oracle Application Integration Architecture

Integration using Data Federation

Benefits of a Data Federation Solution
Configuring External Business Components
Configuring Virtual Business Components