

Siebel 8.1.x Scripting - LVC

Duration: 3 Days

What you will learn

This course focuses on how to use Siebel scripting to extend application functionality to meet user requirements. Attendees to this course learn about alternatives to scripting, and, when necessary, how to write correct scripts. This course covers how to write server and browser scripts using scripting best practices, as well as how to use the Siebel Tools' scripting environment to best advantage.

Learn key scripting concepts, including how scripts interact with the Siebel event framework, how to use the Siebel Object interfaces, and how to allocate object instances in server scripts in UI and non-UI contexts. Improve your practical scripting skills, such as using Siebel Tools to create and debug scripts, implement custom business services, and measure and improve script performance. Complete hands-on scripting exercises where you will create and execute scripts. Implement a complex scripting project that requires communications between browser and server scripts.

Learn To:

Describe Siebel event handling

Use the Siebel Tools Script Editor to author and debug server and browser scripts

Script using the Siebel Object Interfaces

Implement a custom business service

Invoke scripts from the Siebel user interface

Tune scripts using the Siebel Script Performance Profiler and SARM

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Audience

Application Developers

Developer

Project Manager

Technical Consultant

Prerequisites

Required Prerequisites

Siebel 8.0 Technical Foundations - RWC

Siebel 8.1.x Tools

Suggested Prerequisites

Familiarity with programming concepts

Web programming experience

Course Objectives

Describe when to use scripting in a Siebel implementation

List alternatives to scripting

Describe the interaction between Siebel events and scripts

Use the Siebel Tools Script Editor and Debugger

Use the events and methods in the Siebel Object Interfaces

Contrast server scripts in a non-UI versus UI context

Describe scripting best practices

Implement a custom business service

Invoke a business service method in several ways

Write and test browser scripts

Measure and optimize script performance

Course Topics

Introducing Siebel Scripting

Describe the Siebel 8 scripting environment

Define browser and server scripts

List appropriate uses of scripting

List reasons to avoid scripting

Exploring Alternatives to Scripting

Describe administrative alternatives to scripting

Describe declarative alternatives to scripting

Siebel Event Handling

Describe event handling in Siebel applications

Identify scriptable objects and their scriptable events

Coding and Debugging in Siebel Tools' Script Editor

Use Siebel Tools Script Editor to create or modify scripts

Set scripting options in Siebel Tools

Compile scripts

Use the Siebel Tools script debugger

Scripting Using the Siebel Object Interfaces

Describe the Siebel Object Interfaces

Access Siebel Object Interfaces documentation

Code common operations in eScript using the Siebel Object Interfaces

Accessing Object Instances in Server Scripts

Summarize the differences between user interface (UI) context and non-UI context object instances

Describe how an Application Object Manager creates and manages object instances

Describe how and when to create and access object instances programmatically

Writing Good Scripts

Follow best practices for writing scripts

Use eScript techniques for script libraries, memory management, and error handling

Creating Custom Business Services

Implement business service event handlers

Create business service and child object definitions

Invoking Business Service Methods

List ways to invoke a business service method

Invoke a business service method as part of a runtime event's action set

Invoke a business service method using Siebel user interface objects

Expose a business service as a Web service

Scripting Project

Invoke a business service method from the Siebel UI

Communicate between a browser script and a server script

Browser Script Techniques

Create browser scripts

Examine user interactions in browser scripts

Use browser script debugging techniques

List practices to avoid in browser scripts

Measuring and Improving Script Performance

Use the Siebel Script Performance Profiler to measure script performance

Use Siebel Application Response Measurement (SARM) to measure script performance on a Siebel Server

List best practices to optimize script performance