SpearMC TRAINING

Technical Course

Agenda

PeopleTools 8.58 – 8.60
Object-Oriented Programming

3-Day Course

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Object-Oriented Programming

DAY 1

Object-Oriented PeopleTools Overview

- Object-Oriented Programming Concepts
- Introducing PeopleCode Built-In Classes
- Object Variables
- Dot Notation

Component Buffer Object Model

- Component Structure Review
- Component Buffer Review
- Component Buffer Classes
- Navigating the Buffer Programmatically

Instantiation and Arrays

- Instantiation Basics
- Working with the Array Class
- Array Best Practices

Running SQL Using Classes

- Standalone Records
- Filling Rowsets Using SQL
- Working with the SQL Class

DAY 2

Application Class Basics

- Application Class Syntax
- Useful Delivered Application Classes
- Creating Application Classes
- App Class Self-reference
- Visibility Modifiers
- Getters and Setters
- Using the App Class Tester
- Troubleshooting App Classes
- Why Application Classes?

Application Classes and Inheritance

- Inheritance Concepts
- Inheritance Syntax
- Implementing Interfaces
- Inheritance and Constructors
- Protected Properties
- Extending and Overriding Methods

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Object-Oriented Programming

DAY 3

PeopleSoft Frameworks and Application Classes

- Analyzing Delivered OO Frameworks
- Creating Event Mapping Classes
- Custom WorkCenter My Work Items
- Integration Broker Event Handlers
- Using Fluid Page Utilities

Advanced Object-Oriented Techniques

- Component Helper App Classes
- App Class Value Caching
- Extending Delivered Classes
- Leveraging Java Classes
- Application Class Reflection

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