Agenda

PeopleCode I & II Accelerated

2-Day Course

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PeopleCode I & II Accelerated

Developed for developers, technical analysts and system administrators, this 2-day PeopleCode I&II Accelerated training course quickly introduces students to the PeopleSoft application development leveraging PeopleCode. Through scenarios, real-world experiences from implementers, and hands-on activities, students learn how to develop new and modify existing PeopleSoft applications.

PeopleTools Review

- Anatomy of a PeopleSoft Application
- PeopleTools Technology Stack
- Application Development tool review

Introduction to PeopleCode

- Referencing Field Values
- Component Buffer
- Work Records

Locating PeopleCode

- How to locate PeopleCode

PeopleCode & Component Processor

- Component Processor
- Program triggers
- Program placement
- Best practices for development
- Deferred Processing on Components
- Events outside the Component Processor Flow
- PeopleCode Component Processor Flow
- PeopleCode Event Processor

PeopleCode Event Processing

- PeopleCode Host Definition types
- PeopleCode placement
- Execution order of events
- First steps and conditional logic
- Real-time validation
- PeopleCode buttons

PeopleCode Events

- Search events
- Build events
- Field action events
- Row action events
- Save action events
- Deferred processing & server trips

PeopleCode & Language Conventions

- Comments
- Component Buffer Field References
- Variables
- Data Types
- Mathematical Operators
- System Variables
- Literals
- Operators
- Branching Commands
- Looping Commands
- Exit Command
- Error Handling

Built-In Functions & Custom Functions

- Empty tests
- Saving
- Message Catalog
- Other useful built-in functions
- Custom Functions

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PeopleCode I & II Accelerated

Object Oriented PeopleCode

- Object Oriented basics
- PeopleCode classes
- Field classes
- Grid classes
- Chaining Methods and Properties
- Introducing the Rowset Class

Component Structure & Buffer

- The Buffer object model
- Rowset class
- Row class
- Record & Field class
- Referencing the Buffer from PeopleCode

Arrays & Instantiation

- Instantiation
- Arrays
- Accessing Array Elements
- Adding & Removing Array Elements
- Arrays- Looping
- Multi-Dimensional Arrays

PeopleCode & SQL

- Grabbing rows from the database
- Populating the Component Buffer from PeopleCode
- Populating Rowsets Programmatically

Application Classes

- Application Package Basics
- Calling Application Classes
- Delivered App Classes
- Creating an Application Class
- System Variable
- Custom Application Classes
- Application Class Tester
- Constructor
- Method and Property Scope
- Extending Classes

PeopleCode Application Analysis

- Troubleshooting PeopleCode
- Tracing PeopleCode
- On-Demand Tracing
- Session Tracing
- Trace File
- PeopleCode Debugger

Recommended Courses

- Fluid UI Development
- PeopleSoft Maintenance & Strategies
- Approval Workflow Engine (AWE)
- Activity Guides
- Application Engine
- Portal Technologies