



Technical Course

PeopleSoft PeopleTools 8.56 PeopleTools I and II Accelerated

Developed for developers, analysts and system admins, PeopleSoft PeopleTools v8.56 I & II training quickly introduces students to the PeopleSoft application development methodology. Through scenarios, real-world experiences from implementers, and hands-on activities, students learn how to develop new and modify existing PeopleSoft applications.

Prerequisites:

- General knowledge of relational database system

PeopleTools 8.56 Technical Foundation

- PeopleSoft Technology Stack (App/Web/DB Server)
 - 2-Tier vs. 3-Tier
- Reviewing the PeopleSoft Design Approach
 - Fields (Formats, Translates)
 - Records (Creating, Record-Field Properties, Record Types)
 - Subrecords
 - Pages (Description)
 - Subpages (Description)
 - Components (Description)
- Reviewing the PeopleSoft Development and Testing Approach
 - SpearMC Best Practices from the Field
- SpearMC Tips & Tricks to Building a Better Application

User Interface Development

- Creating Fields and Records
 - Record and Field Properties
 - Prompt Records
 - Search Records

User Interface Development (cont'd)

- Working with Pages
 - Creating Grids
 - Separating fields by grid tab
 - The Order Tab, changing Tab Order
 - Working with Views
 - Stating the Purposes of Views
 - Prompt Table
 - Writing SQL Statements to Retrieve Data
 - Creating PeopleSoft SQL Views and Query Views
 - Creating Summary Pages with Views
- Working with Components
 - Relationship of Pages to Components
 - Relationship of Components to Security and Portal
 - About the Structure Tab
 - Search Records for Components
- Working with Sub-Records and Sub-Pages
 - When to use and when not to use
- Using Ctrl-J and the URL for Info

Advanced User Interface Development

- Deferred Processing on Components
 - Application Server and Processing Modes
 - Changing Processing Modes
 - Interactive Component makes everything interactive
 - Deferred Component can have interactive parts
- Understanding Buffer Allocation
 - Performance Tuning
- Display Control and Related Fields
- Parent-Child Relationships
 - Relating tables by keys
 - Level 0, 1, 2, 3 and the Panel Processor
 - Level 0 and Display-Only Fields

PeopleCode Foundation / TableSet Sharing

- PeopleCode
 - Proprietary Event-Driven Scripting Language
 - Runs on App Server
 - Overview of Events on a Record
 - Accessing Data within the Component Buffer (rowsets)
 - Adding PeopleCode to an App
 - Centralized Code: Funclibs vs. App Packages (Old vs. New)

PeopleCode Foundation / TableSet Sharing (cont'd)

- Using Objects in PeopleCode
- Using the PeopleCode API Reference
- TableSet Sharing
 - Overview: SETID/BUSINESS_UNIT by Record Group
 - PeopleTools > Utilities > Administration > TableSet Control
 - PeopleTools > Utilities > Administration > Record Group

Advanced Troubleshooting / Other Tools

- Tracing and Troubleshooting
 - Troubleshooting Overview
 - SQL Tracing and SpearMC's Pace-Trace Utility
 - PeopleCode Tracing and PeopleCode Debugger
 - SpearMC ToolsTables Review
 - Troubleshooting SQL
- Other Tools
 - Data Mover
 - PeopleBooks References
 - Importing/Exporting Projects to File
 - Reviewing Compare Reports
 - Migrating Projects
 - Creating Field/Record Level Audits

