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
Agenda

- PeopleTools Accelerated Delta to 8.54 (cont'd)
- Using Pivot Grid Wizard
  - Describing the Steps Used to Create a Pivot Grid
  - Specifying Data Model and Data Options
  - Viewing and Updating the Pivot Grid Data Model
- Creating and Viewing a Pivot Grid Pagelet
  - Using the Pagelet Wizard
- Drilling URLs in PeopleSoft Query
  - Building Query Drilling URLs for Different Content Types
  - Defining Free Form URL Widgets
  - Selecting Query Result Columns

- Configuring Workcenters and Dashboards
- Describing Dashboard Pages
- Creating and Configuring Dashboard Pages
- Describing WorkCenter Pages
- Describing the Development Process for WorkCenter Pages
- Managing WorkCenter Page Configurations

- Using Rich Text in BI Publisher
  - Describing Rich Text Support
  - Using RTE in BI Publisher Reports
  - Creating a Template that Includes Rich Text Editor Data

- Using Common Templates in BI Publisher
  - Describing Common Templates
  - Creating a Report Definition Using Common Template
  - Using Oracle XSL Mapper

- Introducing PeopleSoft Pivot Grid
  - Describing PeopleSoft Pivot Grid
  - Describing Pivot Grid Security
  - Using PSQuery Data Source
  - Using Pivot Grid Viewer
  - Displaying and Manipulating Query-Based Charts
  - Viewing and Manipulating Query-Based Grids
  - Using Pivot Grid Wizard
  - Describing the Steps Used to Create a Pivot Grid
  - Specifying Data Model and Data Options
  - Viewing and Updating the Pivot Grid Data Model
  - Creating and Viewing a Pivot Grid Pagelet
  - Using the Pagelet Wizard

- Describing Rich Text Support
- Using RTE in BI Publisher Reports
- Creating a Template that Includes Rich Text Editor Data