

# PeopleSoft PeopleTools 8.56 PeopleTools I & II Accelerated

# PeopleTools I & II Accelerated Agenda

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

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## 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