

PeopleSoft PeopleTools 8.58

Part 1: PeopleTools Intensive Bootcamp

Part 2: PeopleTools I/II Accelerated

Training Agenda

Part 1: PeopleTools 8.58 Bootcamp

Developed for developers and business analysts new to PeopleSoft and PeopleTools, this Bootcamp training introduces students to the fundamentals of PeopleSoft's technical development, user interface, integration and system administration platform. This fast-paced course covers many important topics with lecture and hands-on exercises.

PeopleTools Fundamentals

- High-level discussion of important PeopleTools features introduced since 8.54.
- Online Application Overview
- Batch Features (Process Scheduler) Overview
- Integration Features Overview
- Reporting Technology Overview
- Portal Technology Overview
 - Pagelets
 - WorkCenters
 - Related Content
 - Activity Guides
- Customization vs. Configuration

PeopleTools Online Applications

(includes several hands-on activities)

- Overview
 - Guided tour of a PeopleSoft online applications
 - Built-in features
 - Functioning application without code/SQL
 - Core definitions overview

PeopleTools Online

Applications (continued)

- Application Designer Basics
 - Creating/updating definitions
 - Projects
- Effective Dating overview
- Tableset Sharing Overview
- Application Data Models
 - Data modeling basics
 - Parent-Child Relationships
 - Sibling Relationships
 - Records and Fields
 - Derived/Work Records
 - Component Structure
 - Component Buffer
- Troubleshooting Fundamentals
 - Reproducing problems
 - Resolving common problems
 - Data conflict error
 - Data integrity error
 - Not authorized error
 - Effective Date conflicts
 - Bad data
 - Empty prompts
 - Tracing SQL

Part 1: PeopleTools 8.58 Bootcamp

PeopleTools Online

Applications (continued)

- Security
 - Page
 - Data
- Migration Basics
 - Project Definitions and Upgrades
 - Copying Projects
 - Managed and non-managed definitions
 - Data Mover basics

PeopleCode

- Overview
 - PeopleCode extends baseline functionality
- Language Overview
 - Syntax Conventions
 - Built-In Functions
 - Built-In Classes
 - Application Functions
 - Application Classes
- Event Processor Basics
 - Default values
 - Validation
 - Save processing
- Troubleshooting PeopleCode
 - PeopleCode trace files
 - Interactive debugger (?)

PeopleCode (continued)

- Resolving Common problems
 - Hidden/disabled controls
 - Bad values
 - No matching buffer error
 - Index is not in range error
 - "First operand of . is NULL"
- Overriding Default SQL

Intro to PeopleSoft Fluid UI

(includes several hands-on activities)

- Overview
 - Background
 - Fluid navigation
 - Fluid application guided tour
- Page layout mechanics
- Customizing a Fluid application
- Tile Basics

Customizing Fluid

Applications

(includes several hands-on activities)

- Creating tables and views
- Adding Fields to an Application Page
 - Adjusting the data model
- Changing defaults
- Making Fields Required
- Checking valid values
 - Translates
 - Prompt Tables

Part 2: PeopleTools I/II Accelerated

Developed for developers, analysts and system admins, PeopleSoft PeopleTools 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 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

PeopleTools I and II Agenda

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