
TRAINING:

PEOPLESOFT TECHNICAL DEVELOPER TRAINING

What You Will Learn?	You'll learn PeopleSoft application development methodology. You will learn the tools used to develop, customize and support PeopleSoft applications.
Who Should Attend This Training?	If You Are: <input checked="" type="checkbox"/> New to PeopleSoft Development <input checked="" type="checkbox"/> Experienced PeopleSoft Admin or PeopleSoft Functional <input checked="" type="checkbox"/> Preparing yourself to work in an upgrade, implementation or support project
	This training is taught in Windows environment using Oracle database.

PEOPLESOFT TECHNICAL DEVELOPER TRAINING

Navigating PeopleSoft Applications

- Navigating PeopleSoft Applications
- Using Search Pages
- Identifying Definitions
- Entering and Modifying Data
- Finding Information Using PeopleSoft Online Help

Explaining PeopleSoft Architecture

- Describing PeopleSoft Databases
- Explaining Data Transfer in PeopleSoft Pure Internet Architecture
- Identifying Requirements for the Development Environment

Organizing Data

- Describing Relational Data Models
- Normalizing Data
- Reading Data Models

Validating Data

- Describing Prompt Tables
- Using Effective Dating
- Comparing Validation Types
- Explaining Tableset Sharing

Developing Applications by Using the Eight Steps

- Describing the PeopleSoft Application Development Process
- Describing the Application Designer Interface

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- Organizing Definitions in a Project

Defining Fields

- Discussing Fields in PeopleSoft Applications
- Identifying Field Definition Types and Properties
- Creating Field Definitions
- Assigning Translate Values

Creating Record Definitions

- Explaining Record Definitions
- Accessing Record Definition Displays
- Configuring Record Definition Properties
- Configuring Record Field Use Properties
- Configuring Record Field Edits Properties
- Creating a Record Definition

Building SQL Tables

- Describing the Relationship Between Record Definitions and Application Data Tables
- Building Application Data Tables
- Viewing Table Indexes

Creating Page Definitions

- Identifying Page Design Principles
- Identifying Page and Page Control Properties
- Adding Page Controls
- Creating Page Definitions
- Implementing Scroll Areas and Grids
- Finalizing Page Design and Layout

Defining Components

- Identifying Component Definition Basics
- Defining Component Properties
- Building New Components

Registering Components

- Explaining Component Registration
- Examining Menu Definitions
- Identifying PeopleSoft Security Basics
- Navigating the Portal Registry
- Planning Component Registration
- Registering Components

Testing an Application

- Creating and Analyzing Test Plans
- Testing Applications
- Troubleshooting Common Issues

Editing the Portal Registry Structure

- Discussing Content Organization in PeopleTools Navigation
Creating Folders
- Moving Folders or Content References to New Parent Folders
- Deleting Folders

Creating Menu Definitions

- Describing the Purpose of a Menu
- Locating a Component on a Menu
- Editing Menu Item Labels
- Creating Menu Definitions

Analyzing the Impact of Design Changes

- Determining Relationships Among Definitions
- Synchronizing Record Definitions and Database Tables
- Incorporating Upgrades in the Development Strategy
- Describing the PeopleSoft Design Methodology

Building Applications

- Designing Applications
- Creating Data Structures
- Creating User Interfaces
- Testing Applications

Performing Data Audits

- Discussing Advantages and Disadvantages of Implementing Audits
- Implementing Field-Level Audits
- Implementing Record-Level Audits

Importing and Exporting Projects

- Describing How Projects Transport Definitions Between Databases
- Exporting Projects
- Importing Projects and Building the Tables

Using Views in PeopleSoft Applications

- Stating the Purposes of Views

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- Writing SQL Statements to Retrieve Data
 - Creating PeopleSoft SQL Views
 - Creating PeopleSoft Query Views

Creating Summary Pages Using Views

- Explaining the Purpose of Summary Pages
- Creating Summary Pages Based on PeopleSoft Views
- Determining the Key Structure for a Summary View

Creating and Using Search Records

- Explaining the Role of Search Records in Components
- Using Views to Provide Additional Search Criteria
- Implementing the Add Search Record in a Component

Using Views as Prompt Table Edits

- Setting Up a Prompt Table Edit that Uses a View
- Explaining the Mechanics of Prompting
- Creating Views that Take Advantage of Prompting Mechanics

Explaining TableSet Sharing

- Explaining the Functional Aspects of TableSet Sharing
- Explaining the Technical Aspects of TableSet Sharing
- Implementing TableSet Sharing

Creating Parent-Child Relationships

- Explaining Methods That Enforce Referential Integrity
- Creating Parent-Child Record Definitions
- Enforcing Parent-Child Relationships on Page Definitions

Explaining Buffer Allocation

- Discussing Buffer Allocation
- Determining the Effect of Buffer Allocation on Performance

Creating Subrecords and Subpages

- Stating the Purpose of Subrecords
- Creating and Maintaining Subrecords
- Stating the Purpose of Subpages
- Creating and Maintaining Subpages
- Identifying the Caveats for Using Subrecords and Subpages

Using Deferred Processing

- Explaining the Purpose of the Application Server

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- Distinguishing Between Processing Modes
 - Changing the Processing Mode of a Definition

Introducing PeopleCode in an Application

- Explaining the Purpose of PeopleCode
- Accessing PeopleCode Programs
- Identifying Elements of PeopleCode Syntax
- Using PeopleCode to Validate User Input
- Managing PeopleCode Programs Using Comments
- Creating Error Messages Using the Message Catalog
- Implementing FieldEdit, SaveEdit, RowInit, and Field Change PeopleCode
- Using PeopleCode to Manipulate Fields

Component Interface

- Overview of Component Interface
- Using Component Interface
- Excel to CI Utility

Application Engine

- Introducing Application Engine Designer
- Using State Records
- Testing and Debugging
- Using the Do Select Action
- Incorporating Conditional Processing
- Using PeopleCode with Application Engine
- Using Set Processing
- Using Temporary Tables
- Executing Application Engine Programs
- Creating Process Definitions for Application Engine
- Importing Data into the PeopleSoft System Using Flat Files
- Using PSDAEMON
- Measuring Application Engine Performance

Data Mover Tool

- Overview of Data Mover Tool
- Exporting data using Data Mover
- Importing Data using Data Mover
- Additional Data Mover Commands

For more details about the training and pricing, please contact
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