

# Technical Course

## PeopleSoft PeopleTools 8.55 PeopleTools Test Framework

## Prerequisites:

- PeopleSoft v9.2 Foundations
- PeopleTools knowledge

## USER

### Overview

- Test Automation for business applications
- Automation tools - PTF
- Installing and Configuring PTF Client

### Defining Test Automation Requirements and Scope

- Current state of testing and pain points
- Inventory of current manual tests
- Identify the requirements and scope

### PTF for Functional Testing

- PTF Test
- PTF Test Case
- PTF Shell Test
- PTF use benefits – Time, Cost and Quality

### Pre-requisite for Creating PTF Tests

- Manual Test with detailed steps
- Data input for the tests – static and dynamic
- Specification for PTF shell

### Creating Tests, Test Cases and Shell Tests

- PTF test explanation (steps related to actions)
- How PTF test action relate to the target application and/or module
- Create, record and execute tests and test cases
- Developing Tests using PTF Test Language
- Test Logs: PTF Explorer location and purpose

### Running Tests, Test Cases and Shell Tests

- Running PTF Test, Test case and Shell Test
- Interpreting the PTF Log
- Copy, modify and do additional testing
- Tips and Tricks...and what not to do!

## DEVELOPER

### Creating Tests and Test Cases

- PTF test explanation (steps related to actions)
- How PTF test action relate to the target application and/or module
- Create, record and execute tests and test cases
- Developing Tests using PTF Test Language
- Test Logs: PTF Explorer location and purpose

### Debugging and Optimizing Tests

- Interpreting the PTF Test Log
- Debugging and Troubleshooting Tests
- Tips and Tricks...and what not to do!!!
- Calling Tests
- Using Conditional Logic and Page Prompting
- Running Processes and Queries

### Change Impacts and Coverage

- Interpreting Test Maintenance Reports
- Creating Test Coverage Reports
- Understanding Change Impacts

### Some Advanced Features

- Shell Tests
- Reserved words and variables

### Some Advanced Features (cont'd)

- Conditional Logic
- Page prompting
- Scroll handling

### Using PTF Test Language

- PTF Structure
- PTF language

### Best Practices

- PTF tests development best practices

## ADMINISTRATOR

### Installation

- PTF install pre-requisites
- Server side configuration
- Web profile
- SSL Requirements
- PTF client install
- Browser settings - IE vs Other browsers

### Security and Configuration

- PTF roles and user security
- Managing connections on PTF client
- Managing Execution options - Client vs PIA
- Local options on PTF client

### Administration

- Managing logs
- Migrating PTF tests
- Upgrading PTF tests
- Working with App Designer projects in PTF client
- Backup and restore PTF development work
- Test maintenance Report
- Test Coverage Report