Agenda

PeopleTools
PeopleSoft Test Framework (PTF)

2-5 Day Course

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PeopleSoft Security Technical

Prerequisites:

- PeopleSoft 9.2 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
- Conditional Logic
- Page prompting
- Scroll handling

Using PTF Test Language

- PTF Structure
- PTF language

Best Practices

- PTF tests development best practices

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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