PEOPLE TECH

RIDE
THE
RAPIDS

80 hours
due diligence
FREE!*

With PeopleSoft Test Framework

PeopleSoft Test Framework (PTF) allows you to exponentially enhance the test footprint while making sure your focus remains razor sharp on the core of your project. That is why we at People Tech use and strongly recommend PTF for every PeopleSoft project we undertake.

In a nutshell

PTF is an interface driven tool that automates scenario based testing for every transaction possible in PeopleSoft.

The biggest advantage perhaps is the fact that you can record actions and create automations on the fly through the built-in playback option.

Whether processes through the Process Scheduler, database queries through PS Query or reports through DataMover, PTF can execute all of your actions automatically – all you need to do is record the steps.

The best part of using PTF is its library. PeopleSoft Test Framework comes with a database that can store "test assets" – once you create and store a particular test scenario, they are available to all authorized technical personnel.

Where PTF is applicable

PTF can be used in

- ▸ New Implementation projects
- ▸ Limited / No existing testing documentation
- ▸ Limited functional resources to participate in testing
- ▸ Highly customized environment
- ▸ Significant ongoing development projects
- ▸ Routinely deploying patches and fixes

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With PeopleTools, Tests as well as test cases are stored as managed objects and can be reused with every subsequent upgrade, significantly reducing the time and the effort required to comprehensively test your application instance.

When used in an implementation, it forms the basis of lightning fast upgrades and tweaks because all possible automated tests would be stored in the PTF database. Unless there are significant changes in the scenarios, highly unlikely, your test automation will be near-complete with the click of a button.

Other benefits include

- ▸ The PTF test maintenance process drastically reduces the expense and risk in testing upgrades
- ▸ Provides reports that tell you what changes in the upgrade affect which tests in your test library

Case Study

At one of our engagements People Tech utilized PTF to automate Functional Testing. Some of the key initiatives include

- ▸ Developing complex tests using the PTF Test Language
- ▸ Optimizing Tests using conditional logic, page prompting, application error handling
- ▸ Utilizing Debugging features within PTF
- ▸ Automation of Core functional scenarios

These stored test automations were reused during upgrades as well as patches to Hire, Re-hire, Transfers, major delivered processes and reports in the retailer's PeopleSoft landscape.

Challenges

- ▸ Installing and configuring
- ▸ One of the major challenges during PeopleSoft testing for upgrades and implementations is the understanding of customizations and the creation of End-to-end Functional Test Automation scripts
- ▸ Integrating Test Automation Tool with PeopleTools

Benefits

- ▸ Consistent across environments
- ▸ Functional testing
- ▸ Speeds testing
- ▸ Reduces testing time and resources
- ▸ Easy to migrate