

PTF Times

Monthly Newsletter from Astute

MONTH: **AUGUST**

Inside this issue:

- 3 levels of automation
- Tech Corner - Get Classic drop down menus in Fluid enabled application
- How Do I – Incorporate dynamic data in fields in PTF tests
- Tips – PTF 8.55 Troubleshooting
- FasTest Test Automation Tools

3 levels of automation

To automate your regression test cycle by 100% in the very first pass may be too ambitious and may even be more susceptible to failure. The path to success in automation needs to be well planned and should aim at taking one step at a time.

First level of automation: Build the Foundation

The very first step is to identify all core transactions within every functional area that drive the business process flows in an organizations. Example, creation of a requisition (Purchasing), creation of a journal (General Ledger) etc. Build the core library of discrete tests that automates such transactions and also forms the foundation for the next level of automation.

Second level of automation: Mimic Business Process flows

Identify the core discrete transactions that can be put together in a logical sequence to mimic a business process flow by passing data from one to another. These 'Shell Tests' allow



testers to create more real world end to end test scenarios spanning across functional areas and reducing dependency on functional expertise from across the modules.

Third level of automation: Data Mining

Once the 'Shell Tests' have been designed and constructed, the tests can be made smarter and more dynamic by incorporating data mining queries as part of the test scenario. The queries fetch relevant active test data from the setup and transaction records, and feeds as input to the tests in a shell test. This ensures the tests are not tied to instance specific data and are migration safe.

Upcoming Events:-

Fluid UI Training

August 26,
2016

8:00 AM –
2:00 PM PDT

Tech Corner

Get Classic drop down menus in Fluid enabled application

DEFAULT_THEME_FLUID:

The default branding theme for PeopleTools 8.55 (and above) that uses the fluid header on all classic and fluid pages.

To enable drop-down menu navigation, use **DEFAULT_THEME_TANGERINE**, **DEFAULT_THEME_TANGERINE_ALT**

In the news

Astute begins Test Automation implementation for a Major University this month. The project includes automation of pre-defined set of business process flows using PeopleSoft Test Framework, with an aim of cost saving of at least 30% and over 50% reduction in total time spent on testing. Astute successfully installed *FasTest Test Automation solution* to further accelerate, report and maintain the test library in the future.

In the spotlight: *FasTest 3.1 introduces Online Test Execution*

FasTest now allows users to trigger tests in PeopleSoft Test Framework from an online screen.

Users can sequence the desired tests in an order and with the click of a single button, trigger a batch execution of tests.

How Do I?

Incorporate dynamic data for a field in a test that needs a unique value

Example: - Invoice Id at the time of Voucher Creation needs to be a unique value. The test needs to enter a unique dynamic value for each test run.

In this case, we use the #DTTM keyword to get the date time stamp and append it to a static string of relevance. This makes the whole string dynamic and can be used in places that demand Unique values each time.

13	65		<input checked="" type="checkbox"/>	Variable	Set_Value	&dtm	#DTTM
14	66		<input checked="" type="checkbox"/>	Variable	Set_Value	&invoice_id	concat("PTF-AM001"&dtm)

Tips and Techniques

Handling the bugs in PTF 8.55

Issue: The PTF 8.55 recorder does not recognize the '+' icon click in a grid.

Solution: Using Scrolls

Till PTF 8.54, the '+' icon click on a grid was supported and a row got added. However PTF 8.55 onward this is no longer supported. The recommended approach is to use Scrolls using the line number the key.

FasTest – Test Automation Tools for PeopleSoft

What is *FasTest* and how will it help your test automation?

FasTest Test Automation Tools have been built to enhance the test generation and test management capabilities by leveraging the delivered PeopleSoft Test Framework tool. FasTest is purpose built to solve test automation challenges for PeopleSoft applications while delivering significant cost savings, guaranteed ROI and reduced TCO to its customers. It includes:-

- Pre Built test library for all pillars such as FSCM, HCM, ELM and CS
- Test Automation tools to accelerate the process of creating and managing the test repository
- Test Management tools for real time reporting, defect management and test maintenance

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