



# USING PTF AT GRIFFITH UNIVERSITY

SESSION 6048  
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ADU 7-9 NOVEMBER 2018

# PRESENTERS

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Super awesome at PeopleSoft  
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A woman with dark hair tied back, wearing a patterned top, is captured in a dynamic pose with her arms outstretched. The entire image is overlaid with a semi-transparent red filter. The background is dark, and the woman's hair appears to be in motion.

**We believe in the potential for all  
people to become remarkable.  
Remarkable is earned.**

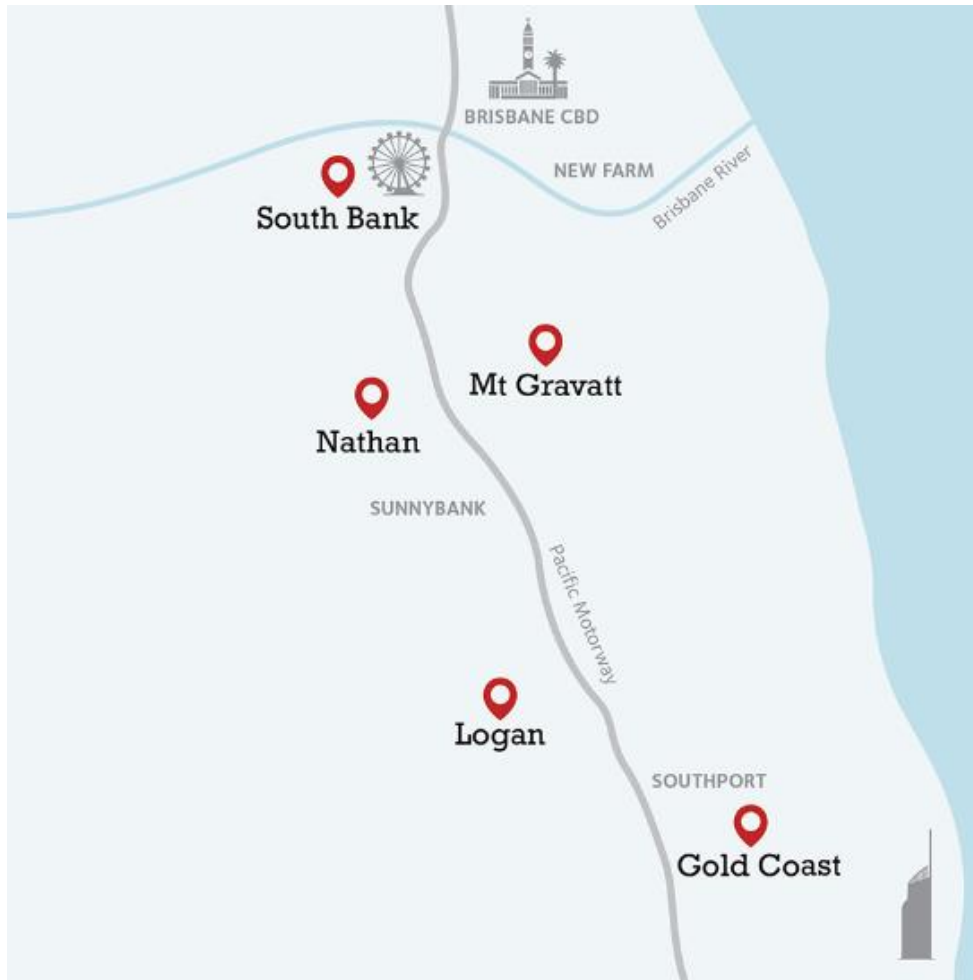
It's a word awarded to those who make a difference, those  
who capture opportunity and challenge themselves along the  
way.

At Griffith University, our vision is to engage in remarkable  
scholarship and research that contributes significantly to  
society.

**GRIFFITH UNIVERSITY**

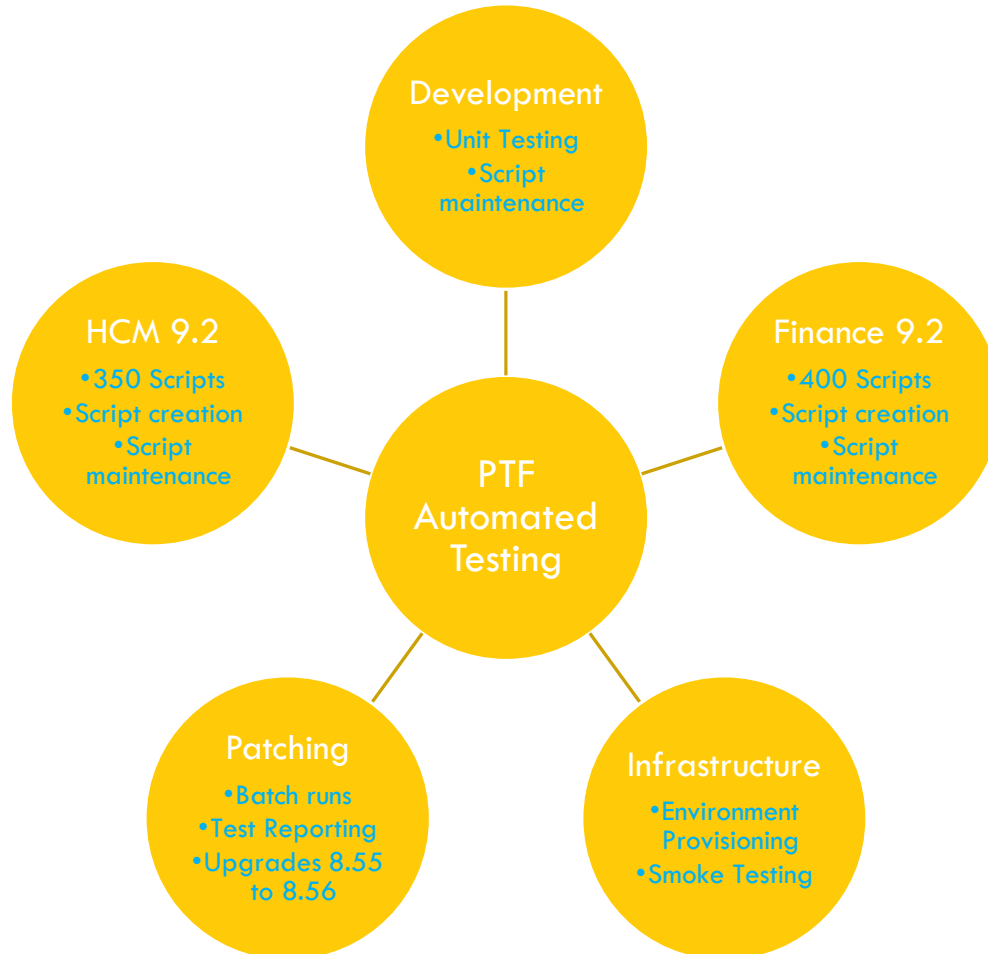
*Nathan  
Mount Gravatt  
Southbank  
Logan  
Gold Coast*

# ABOUT US



- 6 campuses (Including Digital Campus)
- 50,000+ students
- 8,500+ International Students
- Ranked in the top 2% of universities globally
- 200 degrees
- 200,000 alumni across 130 nationalities
- 20+ research centres and institutes

# PTF IMPLEMENTATION AT GRIFFITH





# PTF CLIENT SETUP

# PTF CLIENT SETUP

- Configure an environment for PTF
- Integration Broker Setup
- Define Configuration Options Page
- Configure the Browser Settings
- Setup User and Give Security
- Connecting to a PTF Environment

# Configuring an Environment for PTF

- PTF test assets (tests and test cases) are stored in tables in a PeopleSoft application database.

## Integration Broker Setup

[< ome](#)

PeopleTools > Integration Broker > Configuration > Gateways [Hide](#)

HR92PSIT -

### Gateways

Gateway ID LOCAL

☒ Local Gateway ☐ Load Balancer

Inbound Gateways  
JMS Administration

URL  [Ping Gateway](#)

#### Gateway Setup Properties

[Load Gateway Connectors](#)

Connectors			<a href="#">Personalize</a>   <a href="#">Find</a>   <a href="#">Filter</a>   <a href="#">Print</a>	First	1-12 of 12	Last
*Connector ID	Description	*Connector Class Name				
1 AS2TARGET		AS2TargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
2 EXAMPLETARGETCONNE		ExampleTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
3 FILEOUTPUT		SimpleFileTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
4 FTPTARGET		FTPTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
5 GETMAILTARGET		GetMailTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
6 HTTPTARGET		HttpTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
7 JMSTARGET		JMSTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
8 PSFT81TARGET		ApplicationMessagingTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
9 PSFTTARGET		PeopleSoftTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
10 RIDCTARGET		RIDCTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
11 SFTPTARGET		SFTPTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	
12 SMTPTARGET		SMTPTargetConnector	Properties	<a href="#">+</a>	<a href="#">-</a>	

[Delete Gateway](#)

[Save](#) [Return to Search](#)



# Define Configuration Options Page

> PeopleTools > Lifecycle Tools > Test Framework > Define Configuration Options [Hide](#)

## Configuration Options

### Define Configuration Options

#### Record Options

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Use Page.Prompt         | <input checked="" type="checkbox"/> Use Process.Run      | <input checked="" type="checkbox"/> Use Page.Expand         |
| <input checked="" type="checkbox"/> Use Message Recognition | <input checked="" type="checkbox"/> Use Scroll Variables | <input checked="" type="checkbox"/> Use Browser.Start_Login |

#### Execution Options

##### Process Server List

Find | View All First 1 of 1 Last

Server Name



#### External Command Processing

##### Command List

Find | View All First 1 of 1 Last

\*Command Name

\*Command Path

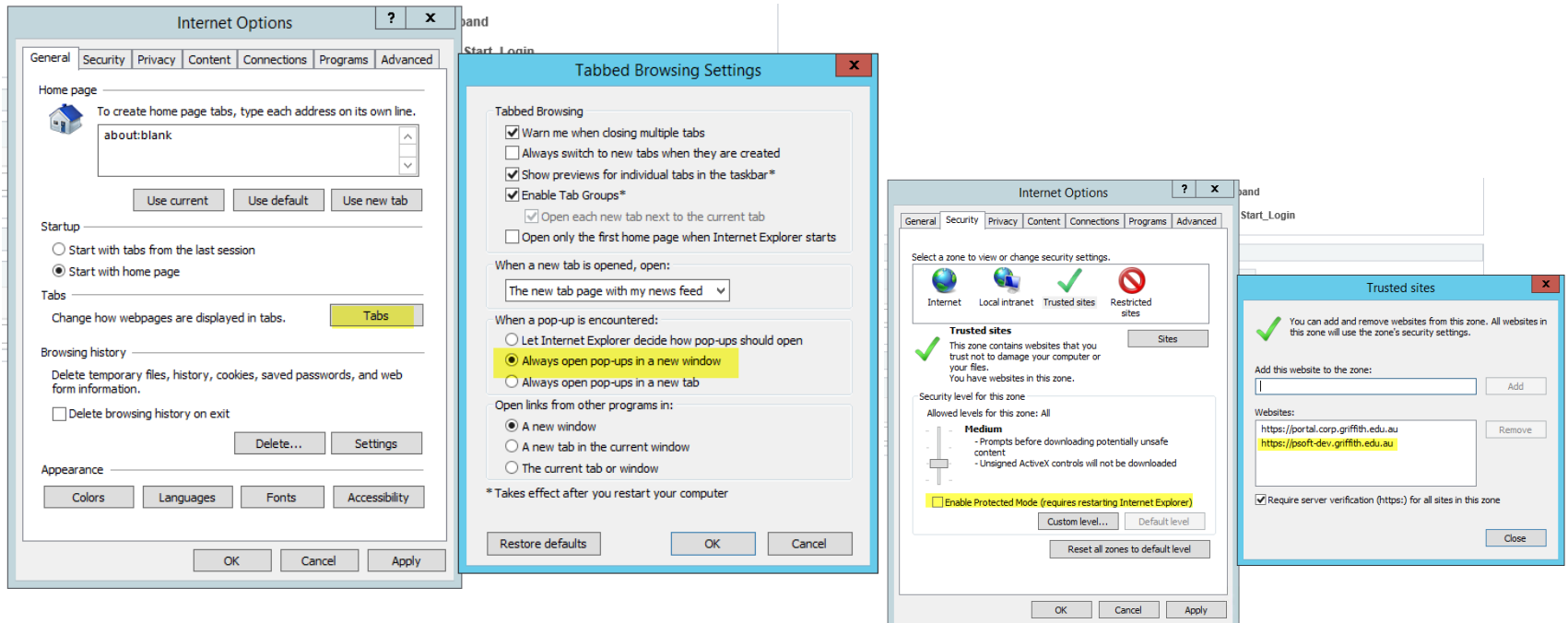
\*Command File Name

Timeout  
(Seconds)

3600



# Configure the Browser Settings



# Setup a Tester and Apply Security

> PeopleTools > Security > User Profiles > User Profiles [Hide](#)

**HR92PSIT -**

General ID **Roles** Workflow Audit Links User ID Queries

PTF Administrator	PTF Administrator	<input type="checkbox"/>	Route Control	View Definition	<a href="#">+</a> <a href="#">-</a>
PTF Editor	PTF Editor	<input type="checkbox"/>	Route Control	View Definition	<a href="#">+</a> <a href="#">-</a>

PeopleSoft Admin

> PeopleTools > Security > User Profiles > User Profiles [Hide](#)

General **Permission Lists** Members Dynamic Members Workflow R

Role Name: PTF Administrator  
Description: PTF Administrator

Permission Lists		Personalize	Find	View All	<a href="#">[?]</a>	<a href="#">[Grid]</a>	Fir
*Permission List	Description						View
PTPT3400	PTF Administrator						View

> PeopleTools > Security > User Profiles > User Profiles [Hide](#)

General **Permission Lists** Members Dynamic Members Workflow Ro

Role Name: PTF Editor  
Description: PTF Editor

Permission Lists		Personalize	Find	View All	<a href="#">[?]</a>	<a href="#">[Grid]</a>	Firs
*Permission List	Description						View I
PTPT3600	PTF Editor						View t

# Connection to a PTF environment

- Run the PTF client.
- The PeopleSoft Test Framework - Sign on dialog box appears.
- Click the New button. Enter the below details,
  - Name - **HR92PSIT**
  - Server: Port - **psoft-dev-ig.griffith.edu.au:3501**
  - Use Proxy - **Unchecked**
  - Node ID – **HR90**
  - **User**
  - **Password**
- Click the OK Button

PeopleSoft Test Framework - Signon

ORACLE<sup>®</sup> PeopleTools 8.56.05

Database Name : HR92PSIT

Server:Port : psoft-dev-ig.griffith.edu.au:3501

☐ Use Proxy Proxy Information

Node ID : HR90

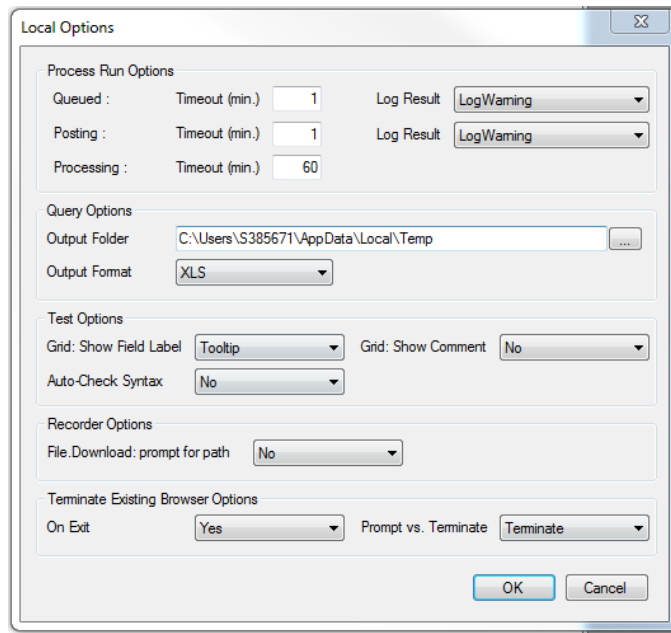
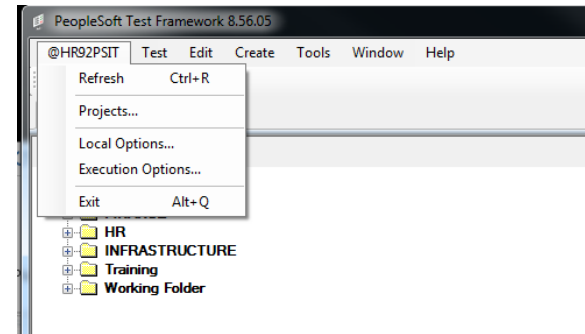
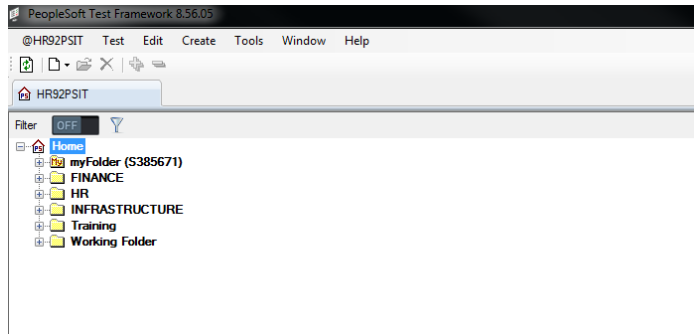
User ID :

Password :

OK Cancel New Previous

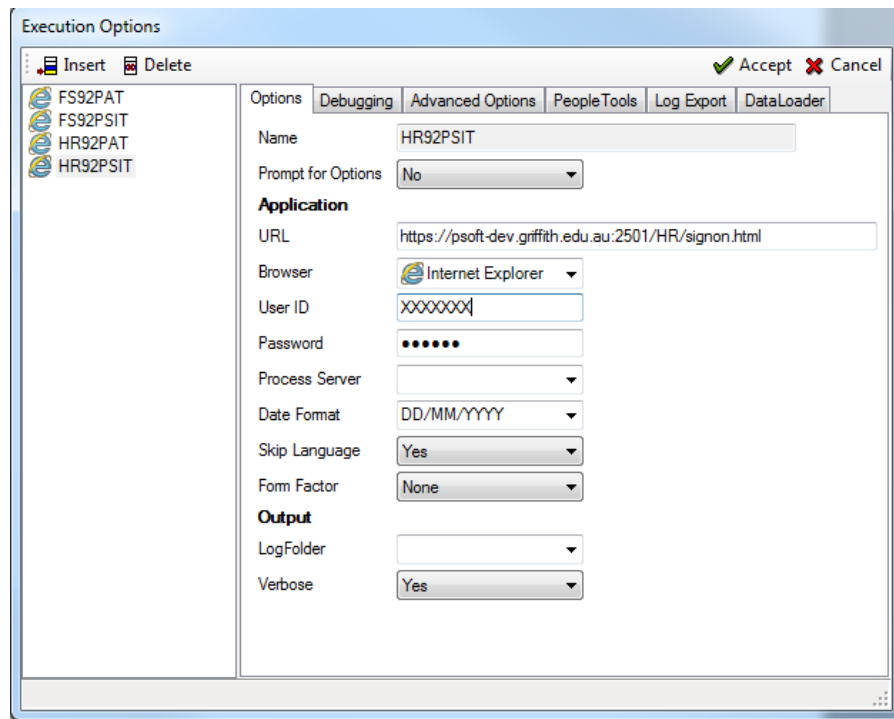
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Other names may be trademarks of their respective owners. Intel and Intel

# Login to PTF





# Execution Options





# CREATING & EXECUTING A TEST

# Test Editor

## Normal Test, Library Test, Shell Test

PeopleSoft Test Framework 8.56.05

@HR92PSIT Test Edit Debug Tools Window Help

HR92PSIT Test: CONFIG\_TST\_FINAL

Filter OFF

Home

- myFolder (1 subfolder)
- CONFIG\_TST\_FINAL
  - Logs
  - Test Cases
- CONFIG\_TST\_RECORD
  - Logs
  - Test Cases

Test: CONFIG\_TST\_FINAL

Test Information

Name: CONFIG\_TST\_FINAL

Description:

Test Case Information

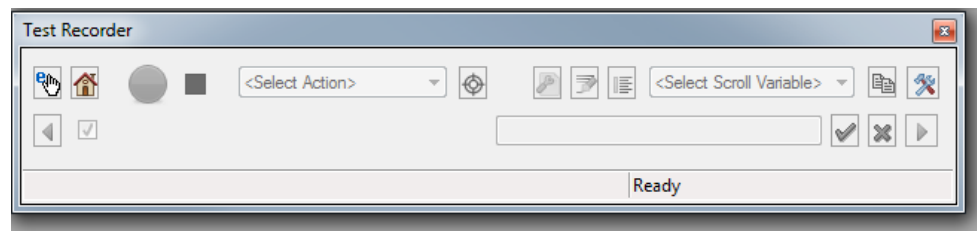
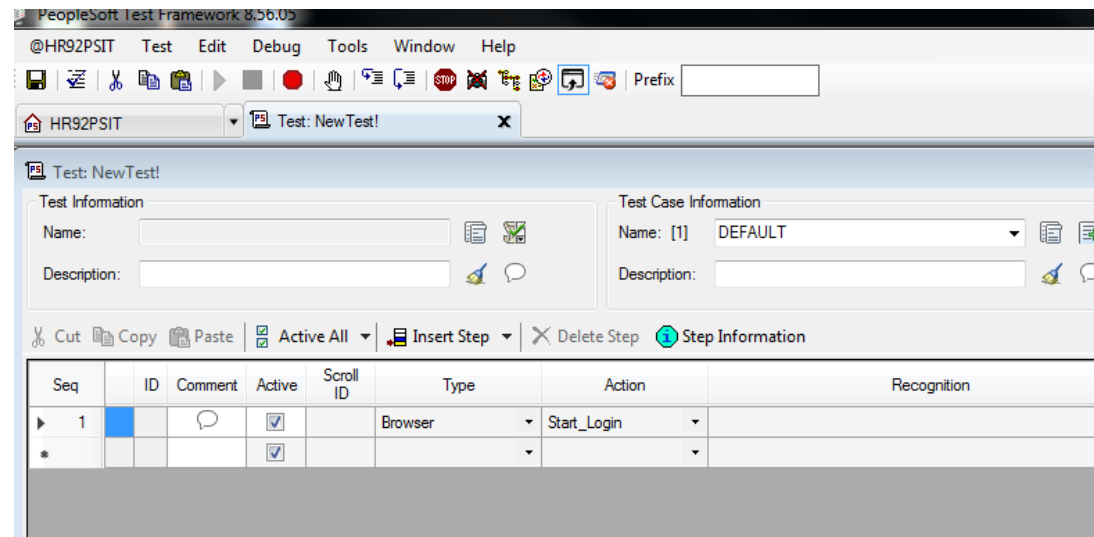
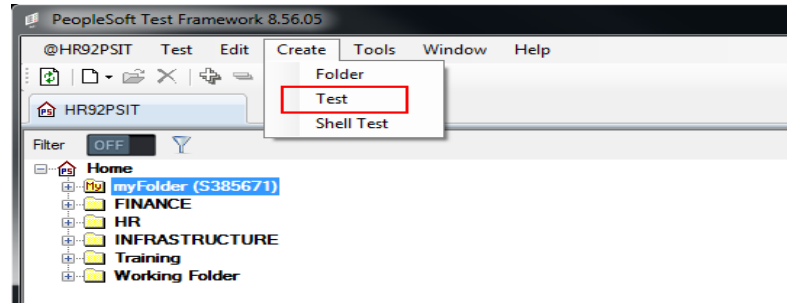
Name: [1] DEFAULT

Description:

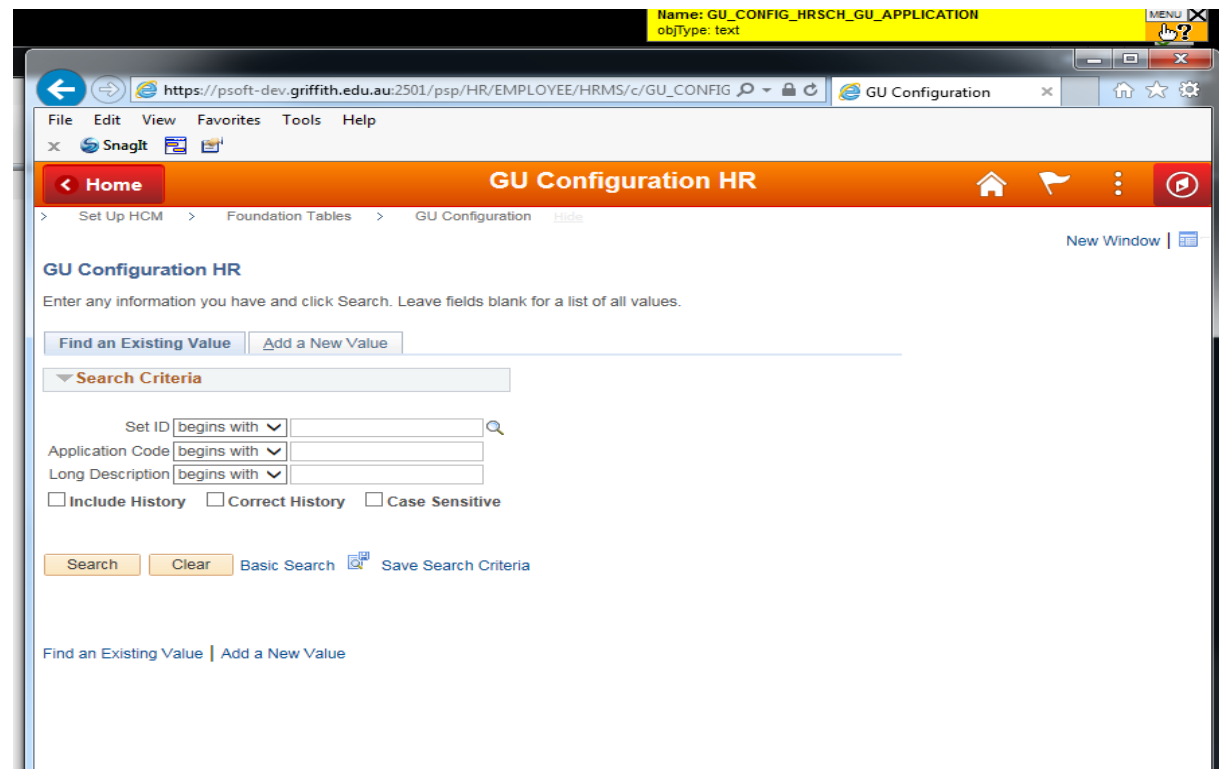
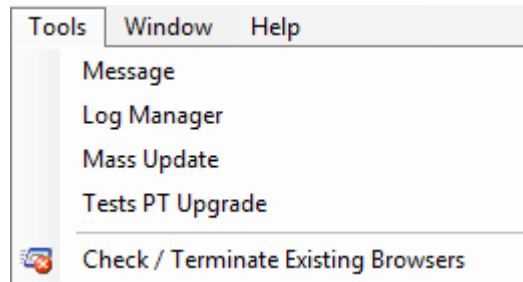
Cut Copy Paste Active All Insert Step Delete Step Step Information

Seq	ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	Value
1	1		<input checked="" type="checkbox"/>		Browser	Start_Login			
2	2		<input checked="" type="checkbox"/>		Browser	FrameSet			
3	3		<input type="checkbox"/>		Text	Set_Value	name=userid		S....671
4	4		<input type="checkbox"/>		Pwd	Set_Value	name=pwd		1ENCBF04BF8A7C68DB0AB038670A5C483BEA901887EA
5	5		<input type="checkbox"/>		Button	Click	name=Submit		
6	6		<input checked="" type="checkbox"/>		Image	Click	name=PT_NAVBAR\$IMG		
7	7		<input type="checkbox"/>		Browser	FrameSet	psNavBarFrame		
8	8		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$17		
9	9		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$3		
10	10		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$6		
11	11		<input type="checkbox"/>		Browser	FrameSet	TargetContent		
12	12		<input checked="" type="checkbox"/>		Page	Prompt	GU_CONFIGURATION.GU_CONFIGURATIN_HR.GBL		update
13	14		<input checked="" type="checkbox"/>		Text	Set_Value	name=GU_CONFIG_HRSCH_GU_APPLICATION		GU_AWE
14	13		<input checked="" type="checkbox"/>		Page	PromptOk			
*			<input checked="" type="checkbox"/>						

# Create a Test

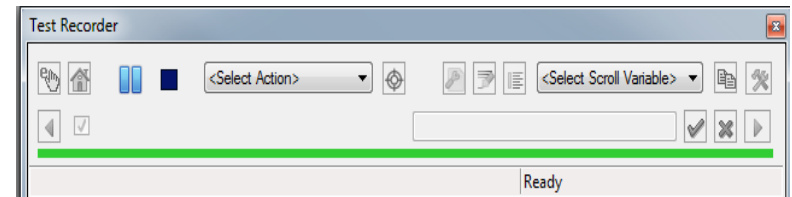
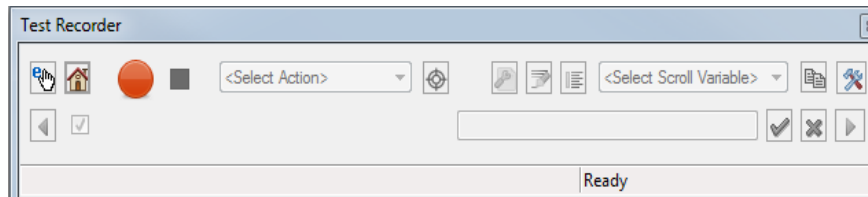
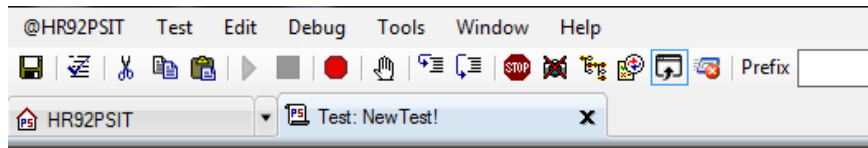


# Message Bar





# Recording a Test



Test: GU\_CFG\_2

Test Information

Name: GU\_CFG\_2

Description:

Test Case Information

Name: [1] DEFAULT

Description:

Cut Copy Paste Active All Insert Step Delete Step Step Information

Seq	ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	Value
1	1		<input checked="" type="checkbox"/>		Browser	Start_Login			
2	2		<input checked="" type="checkbox"/>		Browser	FrameSet			
3	3		<input type="checkbox"/>		Text	Set_Value	name=userid		S385671
4	4		<input type="checkbox"/>		Pwd	Set_Value	name=pwd		1ENCBF04BF8A7C68DB0AB038670A5C483BEA901887EA
5	5		<input type="checkbox"/>		Button	Click	name=Submit		
6	6		<input checked="" type="checkbox"/>		Image	Click	name=PT_NAVBAR\$IMG		
7	7		<input type="checkbox"/>		Browser	FrameSet	psNavBarFrame		
8	8		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$17		
9	9		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$3		
10	10		<input type="checkbox"/>		Link	Click	id=PTNUI_NB_CNTREC_PTNUI_LINK\$6		
11	11		<input type="checkbox"/>		Browser	FrameSet	TargetContent		
12	12		<input checked="" type="checkbox"/>		Page	Prompt	GU_CONFIGURATION.GU_CONFIGURATIN_HR.GBL		correction
13	13		<input checked="" type="checkbox"/>		Text	Set_Value	name=GU_CONFIG_HRSCH_GU_APPLICATION		GU_TST_CFG
14	14		<input checked="" type="checkbox"/>		Page	PromptOk			
15	15		<input checked="" type="checkbox"/>		LongText	Set_Value	name=GU_CONFIG_DESCRLONG\$0		testing PTF new value
16	16		<input checked="" type="checkbox"/>		Page	Save			
*			<input checked="" type="checkbox"/>						

# Sample Test to Run an App Engine

Test: APP\_ENG\_TEST

Test Information

Name: APP\_ENG\_TEST

Description:

Test Case Information

Name: [1] DEFAULT

Description:

Cut
 Copy
 Paste
 Active All
 Insert Step
 Delete Step
 Step Information

Seq	ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	
▶ 1	38		<input type="checkbox"/>		Browser	Start_Login			
2	10		<input checked="" type="checkbox"/>		Test	Exec	LB_LOGIN_TO_PEOPLESOFT		DEFAULT
3	6		<input checked="" type="checkbox"/>		Page	Prompt	PROCESS_SCHEDULER.PRCSMULTI.GBL		update
4	7		<input checked="" type="checkbox"/>		Text	Set_Value	name=PRCSRUNCNTL_RUN_CNTL_ID		test
5	8		<input checked="" type="checkbox"/>		Button	Click	name=#ICSearch		Search
6	9		<input checked="" type="checkbox"/>		Process	Run	prcname=AEMINITEST	prctype=Application Engine;wait=true;outtype=Web;outformat=T...	
7	32		<input checked="" type="checkbox"/>		Test	Exec	LB_PROCESS_MONITOR		DEFAULT
*			<input checked="" type="checkbox"/>						

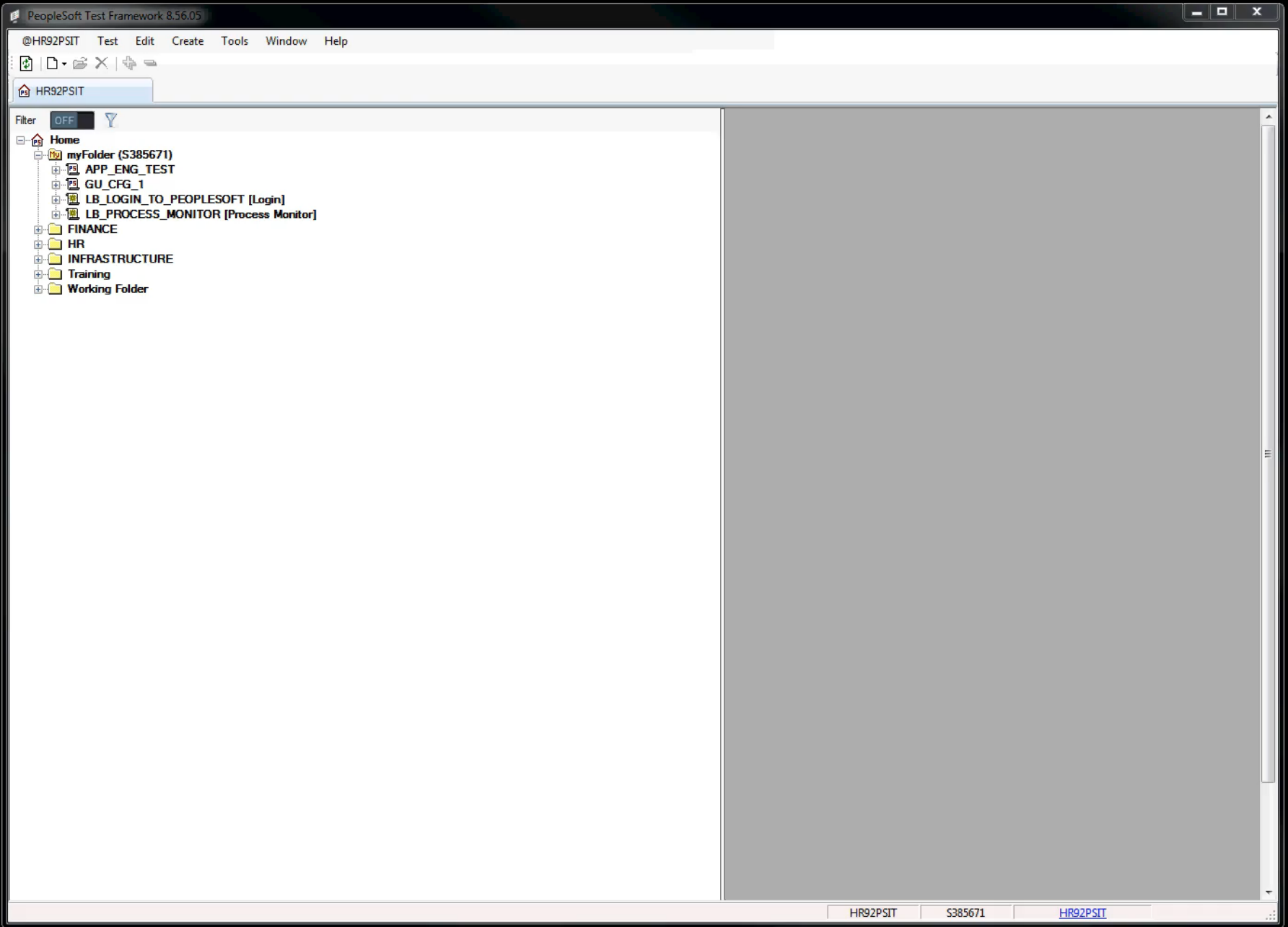
# Library Test

## LB\_LOGIN\_TO\_PEOPLESOFT

Seq	ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	Value
1	1		<input checked="" type="checkbox"/>		Browser	Start			
2	2		<input checked="" type="checkbox"/>		Browser	FrameSet			
3	3		<input checked="" type="checkbox"/>		Text	Set_Value	name=userid		S3856, 11
4	4		<input checked="" type="checkbox"/>		Pwd	Set_Value	name=pwd		1ENCBF04BF8A7C68DB0AB038670A5C483BEA901887EA
5	5		<input checked="" type="checkbox"/>		Button	Click	name=Submit		
			<input checked="" type="checkbox"/>						

## LB\_PROCESS\_MONITOR

ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	
1		<input checked="" type="checkbox"/>		Link	Click	text=Process Monitor		
2		<input checked="" type="checkbox"/>		Text	Set_Value	name=PMN_DERIVED_PRCINSTANCE		%PID%
3		<input checked="" type="checkbox"/>		Button	Click	name=REFRESH_BTN		Refresh
4		<input checked="" type="checkbox"/>		Span	Get_Property	id=PMN_PRCSLIST_DISTSTATUS\$0	prop=text.ret=&DistStatus	
5		<input checked="" type="checkbox"/>		Loop	For	&Count = 0 to 5		
6		<input checked="" type="checkbox"/>		Conditional	If_Then	&DistStatus="Posted"		
7		<input checked="" type="checkbox"/>		Log	Pass	&DistStatus		
8		<input checked="" type="checkbox"/>		Loop	Exit_Loop			
9		<input checked="" type="checkbox"/>		Conditional	Else			
10		<input checked="" type="checkbox"/>		Button	Click	name=REFRESH_BTN		
11		<input checked="" type="checkbox"/>		Wait	For_Seconds	5		
12		<input checked="" type="checkbox"/>		Log	Fail	&DistStatus		
13		<input checked="" type="checkbox"/>		Conditional	End_If			
14		<input checked="" type="checkbox"/>		Loop	Next			
		<input checked="" type="checkbox"/>						



Test Information

Name: APP\_ENG\_TEST

Description:

Test Case Information

Name: [1] DEFAULT

Description:

Seq	ID	Comment	Active	Scroll ID	Type	Action	Recognition	Parameters	Value
1	38		<input type="checkbox"/>		Browser	Start_Login			
2	10		<input checked="" type="checkbox"/>		Test	Exec	LB_LOGIN_TO_PEOPLESOFT		DEFAULT
3	6		<input checked="" type="checkbox"/>		Page	Prompt	PROCESS_SCHEDULER.PRCSMULTI.GBL		update
4	7		<input checked="" type="checkbox"/>		Text	Set_Value	name=PRCSRUNCNTL_RUN_CNTL_ID		test
5	8		<input checked="" type="checkbox"/>		Button	Click	name=#ICSearch		Search
6	9		<input checked="" type="checkbox"/>		Process	Run	prcname=AEMINITEST	prctype=Application Engine,wait=true,outtype=Web,outformat=T...	
7	32		<input checked="" type="checkbox"/>		Test	Exec	LB_PROCESS_MONITOR		DEFAULT
*			<input checked="" type="checkbox"/>						



# TEST MAINTENANCE REPORT

We use the Test Maintenance Report to help determine what existing test scripts will be affected by any new functionality introduced in a PUM.

The Test Maintenance Report correlates the PeopleTools compare report data with the PTF test metadata to help identify certain changes to menus, components, pages, records or fields.

The report is run from the Create Test Maintenance Report Wizard via:

PeopleTools > Lifecycle Tools > Test Framework > Create Test Maintenance Report

## Create Test Maintenance Report

Step 1 of 4

Create a Test Maintenance Report based on compare data and test metadata.

[1](#) [2](#) [3](#) [4](#) [Restart](#) [Previous](#) [Next](#)

### Manual Tasks

Using App Designer, follow these tasks to create a compare report for the test maintenance process:

Task Completed	Description
<input checked="" type="checkbox"/>	Task 1: Import only the project definition for the change project.
<input checked="" type="checkbox"/>	Task 2: Rename the change project imported in Task 1 to create the snapshot project.
<input checked="" type="checkbox"/>	Task 3: Create a snapshot of the original metadata definitions by exporting the snapshot project created in Task 2 to file.
<input checked="" type="checkbox"/>	Task 4: Import the change project (definition and objects).
<input checked="" type="checkbox"/>	Task 5: Compare the snapshot project (from file) to the database, saving the compare output to tables.

## Create Test Maintenance Report

## Create Test Maintenance Report

Step 2 of 4

Create a Test Maintenance Report based on compare data and test metadata.

[1](#) [2](#) [3](#) [4](#) [Restart](#) [Previous](#) [Next](#)

### Analyze Compare Data

Analyze existing compare data and generate data on impact to PeopleSoft Test Framework metadata.

Select a Compare Report to Analyze			
Project Name	Compare Date/Time	Compare Type	Last Analysis
GUHRPFM11_SR254172_1	14/05/2018 12:09:23PM	<a href="#">From File</a>	<a href="#">Analyze</a>
GUHRPFM11_SR254172_1	10/05/2018 2:06:32PM	<a href="#">Analyze</a>	10/05/18 2:07:37PM
GUHRPFM11_SR254172_1	10/05/2018 10:39:37AM	<a href="#">Analyze</a>	10/05/18 10:47:06AM
GUHRPFM11_SR254172_1	10/05/2018 10:35:28AM	<a href="#">Analyze</a>	
HX_PERT_TOOL	17/04/2018 11:45:29PM	<a href="#">Analyze</a>	
GUHRRCT40_SR297123	16/04/2018 4:06:37PM	<a href="#">Analyze</a>	16/04/18 4:12:12PM
AU25343141R	01/12/2017 8:58:37PM	<a href="#">Analyze</a>	
ADS25485437	01/12/2017 8:58:10PM	<a href="#">Analyze</a>	
PRJ_HR_ALL_PUM22PTM	01/12/2017 8:06:05PM	<a href="#">Analyze</a>	
AU25390514R	29/06/2017 3:08:04PM	<a href="#">Analyze</a>	

## Create Test Maintenance Report

## Create Test Maintenance Report

Step 3 of 4

Create a Test Maintenance Report based on compare data and test metadata.

[1](#) [2](#) [3](#) [4](#) [Restart](#) [Previous](#) [Next](#)

### Select an Analyzed Project

Select an analyzed project to report its impact on the PeopleSoft Test Framework metadata.

Please select a project.				
Project Name	Compare Date/Time	Analysis Date/Time	Compare Type	Delete
<input checked="" type="radio"/> GUHRPFM11_SR254172_1	14/05/2018 12:09:23PM	14/05/2018 12:40:55PM	From File	<input type="checkbox"/>
<input type="radio"/> GUHRPFM11_SR254172_1	10/05/2018 2:06:32PM	10/05/2018 2:07:37PM	From File	<input type="checkbox"/>
<input type="radio"/> GUHRPFM11_SR254172_1	10/05/2018 10:39:37AM	10/05/2018 10:47:06AM	From File	<input type="checkbox"/>
<input type="radio"/> GUHRRCT40_SR297123	16/04/2018 4:06:37PM	16/04/2018 4:12:12PM	From File	<input type="checkbox"/>
<input type="radio"/> GUHRRCT40_SR297123	16/04/2018 4:06:37PM	16/04/2018 4:07:41PM	From File	<input type="checkbox"/>

## Create Test Maintenance Report

Step 4 of 4

Create a Test Maintenance Report based on compare data and test metadata.

[1](#) [2](#) [3](#) [4](#) [Restart](#) [Previous](#) [Next](#)

### Generate Report

Generate a report of the impact to existing tests for the selected compare data.

Folder

Search For Tests By

[Search](#)

Select Test(s) for Test Maintenance Report		
<a href="#">Find</a>	<a href="#">View 100</a>	<a href="#">First</a> <a href="#">1-15 of 812</a> <a href="#">Last</a>
Test Parent Folder	Test Name	Description
<input type="checkbox"/> \Users\S2640215\Training	AB_LIBRARY_TEST	
<input type="checkbox"/> \Users\S2640215\Training	AB_LIBRARY_TEST_QUERY	
<input type="checkbox"/> \Users\S2640215\Training	AB_SHELL_TEST_01	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_5APR_01	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_5APR_QUERY	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_APR_01	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_APR_02	TEST 02
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_DATE	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_FOR_LOOP	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_LOOP	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_STRING	
<input type="checkbox"/> \Users\S2640215\Training	AB_TEST_WHILE_LOOP	
<input type="checkbox"/> \Users\S2144335	ADAM	
<input type="checkbox"/> \Working Folder\Nilesh\RCT	BACKUP_PTF_RCT_TC_21	Advertised - Prepare Job Offer
<input type="checkbox"/> \Users\S2186888\Training Folder MC	BASIC_LOGIN_TEST	

[Select All](#) [Clear All](#)

### Report Format

☒ PIA  
☐ BI Publisher

[Generate Report](#)

# TEST UPGRADES BETWEEN TOOLS VERSIONS

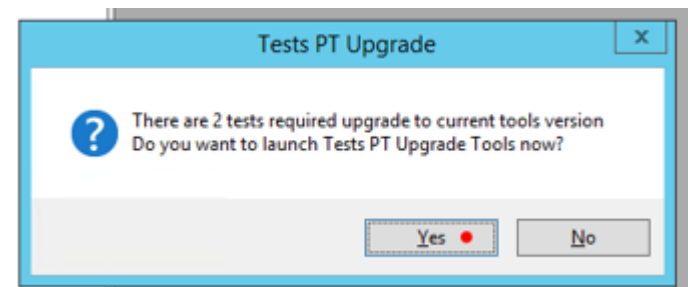
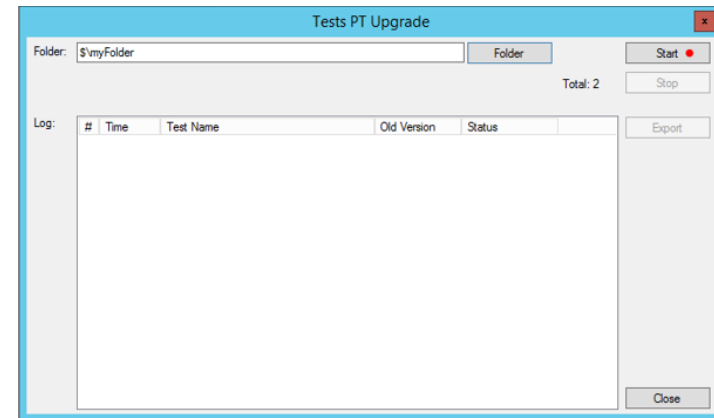
The Tests PT Upgrade tool enables you to update tests from one PeopleTools version to another

When you launch the PTF client, it checks for tests from prior versions, and if they exist, a prompt window appears that enables you to run the upgrade tool.

You can run the upgrade tool when prompted, or defer it to a later time. You can upgrade all tests, or just those within a specific folder of the PTF Explorer tree.

The Tests PT Upgrade tool makes any necessary syntax changes in the test steps, and then saves the test files. If you defer the upgrade, and you open a test from a prior release, it is automatically updated to the new release at that time.

You can copy any test from file and the version difference will be detected and a message box will appear to upgrade.



# Advantages

- **No cost to install PTF (free)**
- **Cost effective method to regression test your system**
- **Easy to use**
- **Easy to migrate**
- **Easy to find errors using Logs Messages**
- **Can create end to end test utilizing libraries**
- **Easy to upgrade (PUM will show the impacted test scripts)**
- **Reporting will identify test scripts that are impacted**

## Disadvantages

- **Currently only Internet explorer can be use to record test (playback can be on any browser)**
- **Installation on Windows system only**
- **Some times it is slow**
- **Creating advanced test script need some experience**

## What we learnt from implementing PTF

- **Run the “ptf\_ipvb\_fix” after installing client (run slow)**
- **Avoid creating long test scripts**
- **Create small set of library tests for simple function (reusable)**
- **Avoid hard cord values use parameters to assign values**
- **Create shell test to run end to end test (run several tests one after another)**
- **Need naming convention for test scripts**



# SUMMARY

- **PTF is a power full tool for PeopleSoft test automation.**
- **It is cost effective easy to use.**
- **Advance test script creation needs more technical than functional experience.**
- **Once you create modular test scripts they are easier to change.**
- **Test script are based on PeopleSoft objects that you can migrate and upgrade.**

# CONCLUDING THOUGHTS

ANY QUESTIONS?



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# THANK YOU!



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