



TAKING THE STRESS OUT ACCEPTING TESTING : LET PEOPLESOFT TEST FRAMEWORK TAKE THE STRAIN

SESSION 6536
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Part of the Education Administration and Continuous Improvement Team (EACIT).
We work with our university colleagues to improve the student and staff experience of activities supported by PeopleSoft Campus Solutions.

OVERVIEW OF THE UNIVERSITY

- Founded as Nottingham College in 1881
- Moved to University Park 1928
- Granted University status in 1948
- Opened Medical School in 1970
- Opened Jubilee Campus in 1999
- Opened Malaysia Campus in 2000 (initially in Kuala Lumpur now Semenyih)
- Opened China Campus in 2004
- Opened Kings Meadow Campus in 2005
- Opened School of Veterinary Medicine and Science
- Approximately 47,000 students across three countries





UNIVERSITY OF NOTTINGHAM & CAMPUS SOLUTIONS

- On Oracle Cloud Infrastructure
- Version 9.2 PUM 25
- PeopleTools 8.59

AGENDA

What's Peoplesoft Test Framework

Pre-Requisites for running PTF

- Sign-on Details
- Execution Options

Recording a test scripts

Playback of a test script

Execution options - Enhance your capabilities

- Persistent variables
- Log Export
- Data Loader

After the recording

- Message Recognition
- Review the test script
- Direct Navigation
- Test cases
- Find the object names or navigation
- Different Test Types and UoN's Folder Structure

Reporting

- Delivered
- UON

Housekeeping Notes

- Creating a project

PEOPLESOFT TEST FRAMEWORK (PTF)

PTF is an automation testing tool

Part of People Tools (No licensing cost)

No programming skills required, simple record and playback

Test scripts, logs are part of the PeopleSoft.
Migrate test cases or create query using query manager to return logs and case details.

Use PS Queries, data mover, run processes inside the test scripts

PRE-REQUISITES

Before we start

PRE-REQUISITES

[Configuring an Environment for PTF](#)

[PeopleSoft PeopleTools
Patches Home Page
\(Doc ID 2062712.2\)](#)

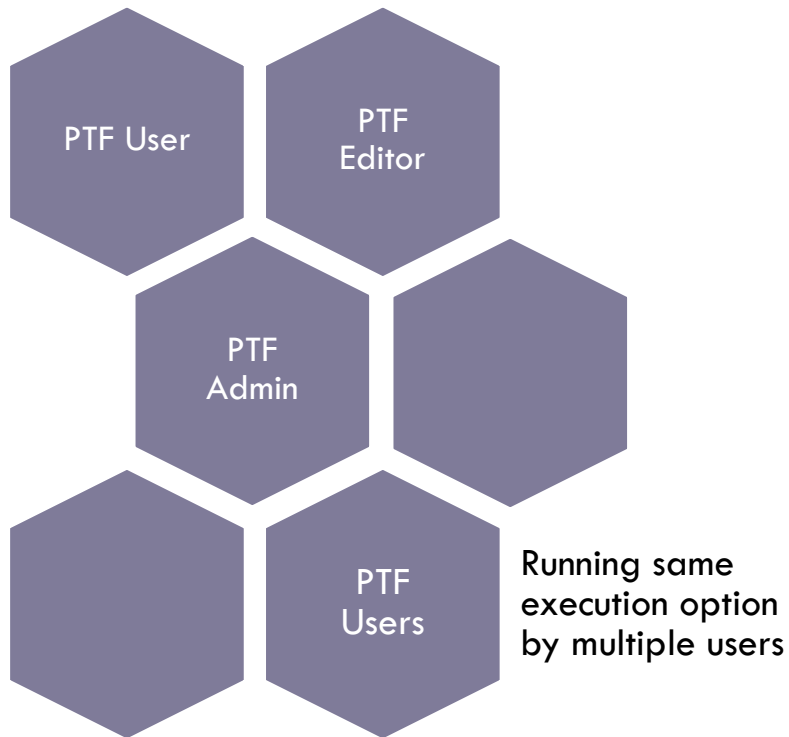
Integration
Broker
must be up
and
running

Scaling
(%100)

PTF tool

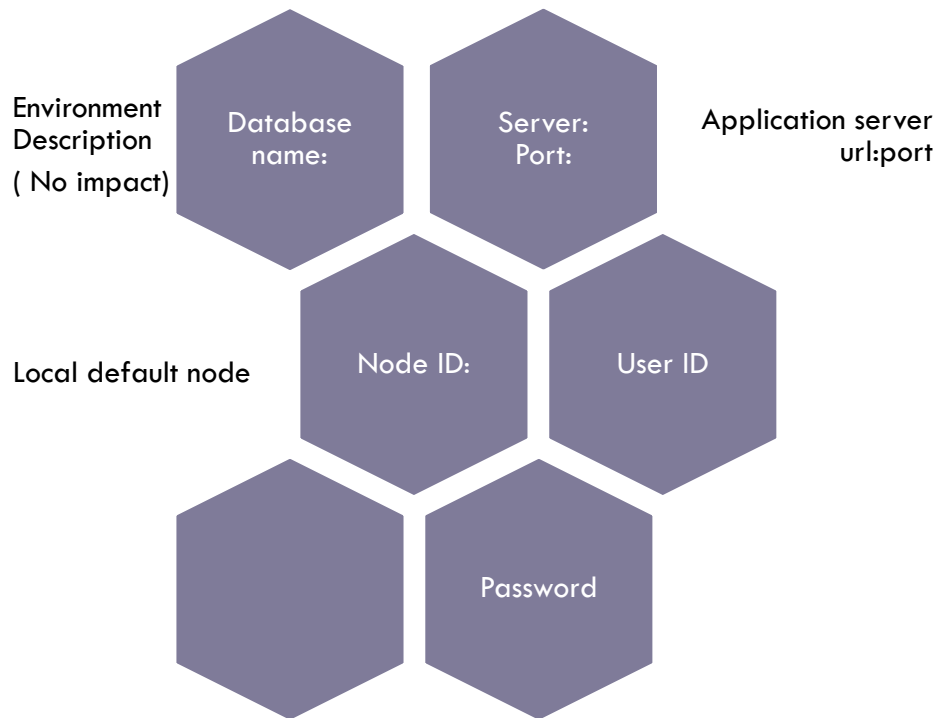
Chrome
driver

PRE-REQUISITES - SECURITY



| Privilege | PTF User | PTF Editor | PTF Administrator |
|--|----------|------------|-------------------|
| Run Tests | Yes | Yes | Yes |
| Create, Modify, and Delete Tests | No* | Yes | Yes |
| Create, Modify, and Delete Test Cases | Yes | Yes | Yes |
| Create or Modify Execution Options | No | No | Yes |
| Use Log Manager | No | No | Yes |
| Define Configuration Options | No | No | Yes |
| Create Test Maintenance Reports | No | No | Yes |
| Create Test Coverage Reports | No | No | Yes |
| Insert Tests/Test Cases into Application Designer projects | No | No | Yes |

SIGN ON TO PEOPLESOFT TEST FRAMEWORK



PeopleSoft Test Framework - Signon

ORACLE PeopleTools 8.59.09

Database Name :

Server:Port :

☐ Use Proxy Proxy Information

Node ID :

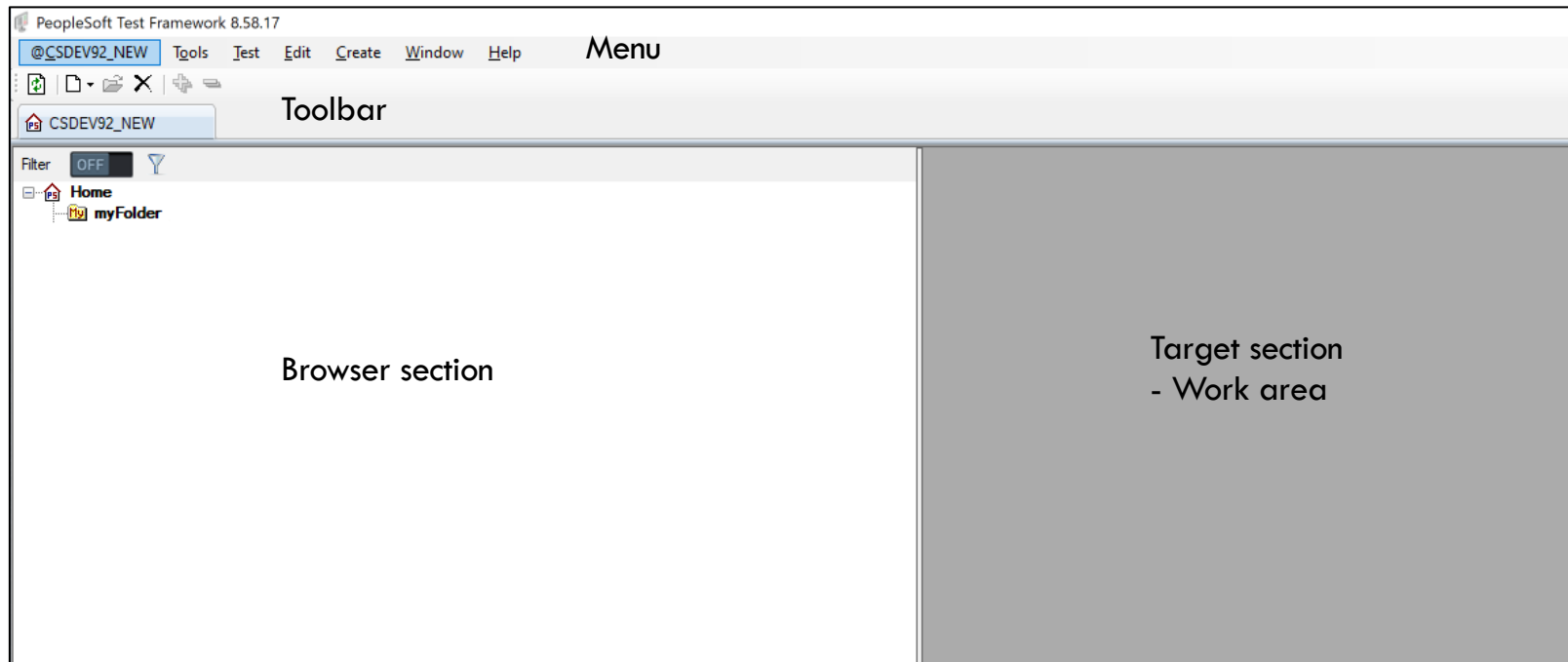
User ID :

Password :

OK Cancel New Previous

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PEOPLESOFT TEST FRAMEWORK



EXECUTION OPTIONS

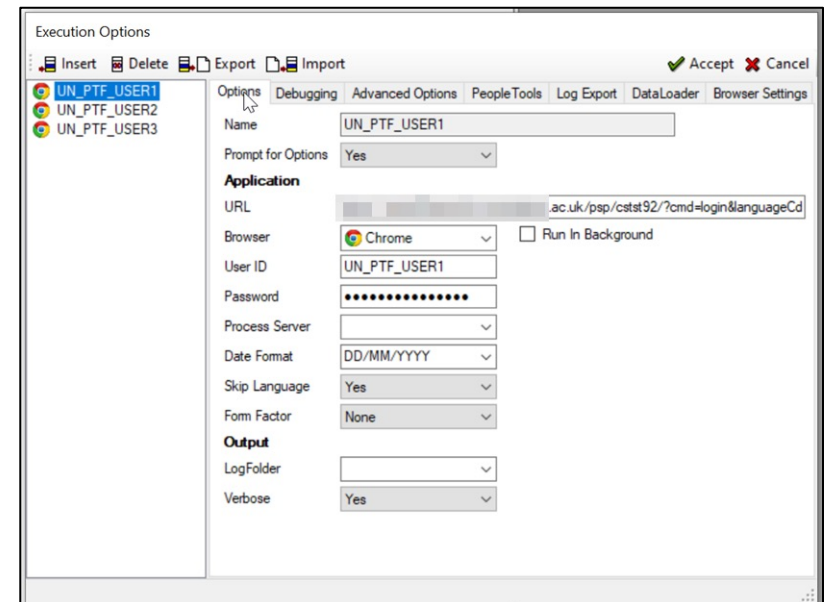
Sign in Information to PeopleSoft

Multiple users, browsers, environment etc...

Settings stored in database!

Chrome is the fastest and most stable

Set Verbose to Yes (for Log Details)



EXECUTION OPTIONS

Same options can also be found under:

People
Tools

Lifecycle
Tools

Test
Framework

Define
Execution
options

The screenshot shows the 'Define Execution Options' web interface. The top navigation bar includes a 'Home' link, a search icon, and a bell icon. Below the navigation bar are tabs for 'Options', 'Debugging', 'Advanced Options', 'PeopleTools', 'Export Log', 'DataLoader', and 'Browser Settings'. The 'Options' tab is active. The form contains the following fields and options:

- Name:** UN_PTF_USER1
- *Prompt:** Yes (dropdown)
- Application URL:** psp/cstst92/?cmd=login&languageCd=l
- Browser:** Chrome (dropdown)
- Run In Background:** ☐
- User ID:** UN_PTF_USER1
- Password:** Password cannot be modified in PIA. It can only be modified from the Test Framework client.
- Process Server:** [Searchable text field]
- *Date Format:** DD/MM/YYYY (dropdown)
- Skip Language:** Yes (dropdown)
- Form Factor:** None (dropdown)
- Log Folder:** [Text field]
- *Verbose:** Yes (dropdown)

At the bottom of the form are four buttons: 'Save', 'Return to Search', 'Previous in List', and 'Next in List'.

Client Log in

- Which server we are connecting to get the test data
- Which permission while using PTF Client

Execution Options

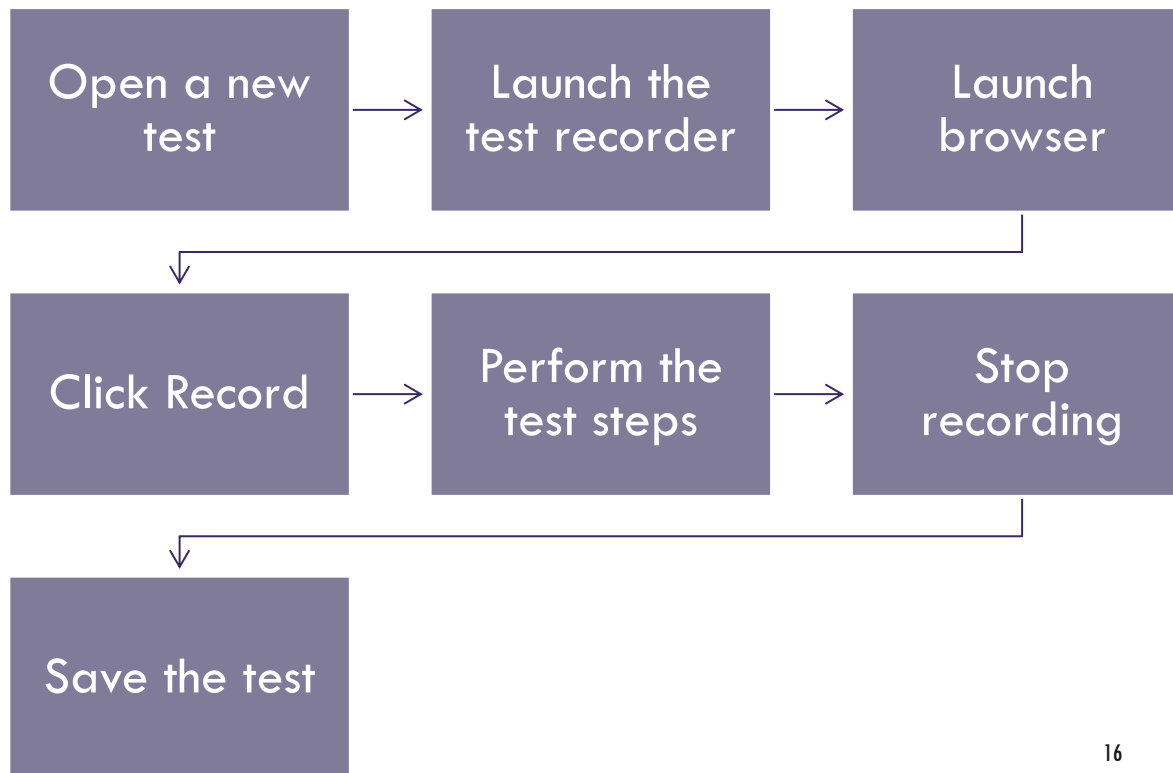
- Which PeopleSoft environment we are testing on
- Which permission the user has while testing

EXECUTION OPTIONS VS CLIENT LOG IN

RECORD

Testing

CREATE TEST SCRIPT AND RECORD



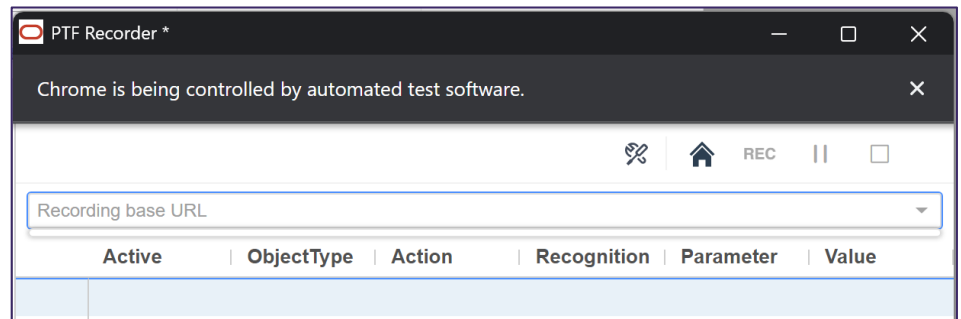
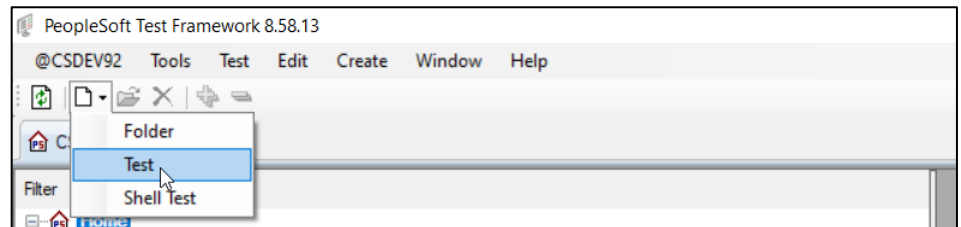
CREATE TEST SCRIPT AND RECORD

Before Testing

- Open a new test
- Launch the test recorder (Record button)
- Launch Browser
- Start recording



REC



CREATE TEST SCRIPT AND RECORDING

Testing as usual

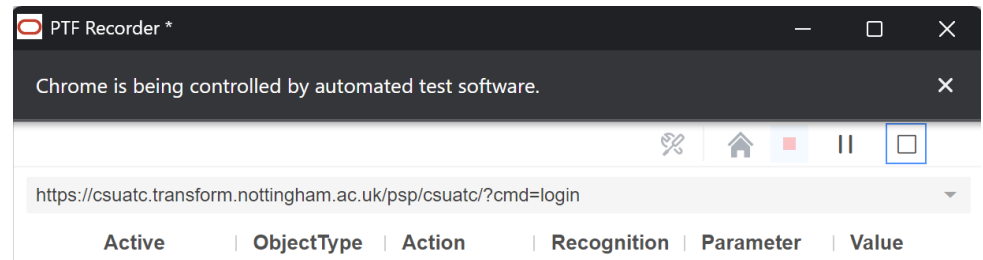
- Login to your environment
- Navigate to the component

The image shows two screenshots of a web application. The top screenshot is the 'NottinghamHub' login page for the University of Nottingham. It features a header with the university logo and name, and a central login form with fields for 'Username' and 'Password', a 'Sign in' button, and a link for 'Problem signing in?'. There are also images of the university's architecture and a green landscape. The bottom screenshot is a search interface titled 'Term Activate a Student'. It includes a search bar with a 'Find an Existing Value' button, a 'Search Criteria' section with dropdown menus for 'ID begins with', 'Campus ID begins with', 'National ID begins with', 'Last Name begins with', and 'First Name begins with', a 'Case Sensitive' checkbox, and buttons for 'Search', 'Clear', 'Basic Search', and 'Save Search Criteria'.

CREATE TEST SCRIPT AND RECORDING

After Testing

- Stop Recording
- Close the test recorder



| 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"/> | | Page | Prompt | MANAGE_ACADEMIC_RECORDS.STDNT_ACTIVATION.GBL | urltype=content | update |
| 3 | 3 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=STDNT_SRCH_EMPLID | | &emplid |
| 4 | 5 | | <input checked="" type="checkbox"/> | | Page | PromptOk | | | |
| 5 | 6 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=STDNT_CAR_TERM_STRM\$0 | | 3210 |
| 6 | 8 | | <input checked="" type="checkbox"/> | | Log | SnapShot | | | |
| 7 | 7 | | <input checked="" type="checkbox"/> | | Page | Save | | | |
| * | | | <input checked="" type="checkbox"/> | | | | | | |

Test Script - Overview

| Type | Action | Recognition | Parameters | Value |
|---------|-------------|--------------------------------------|-----------------|--------|
| Browser | Start_Login | | | |
| Page | Prompt | RUN_CASHIERING.CLOSE_CASHIER_OFF.GBL | urltype=content | update |
| Text | Set_Value | name=SP_CSHOFF_NONVW_BUSINESS_UNIT | | UNUK1 |
| Text | Set_Value | name=SP_CSHOFF_NONVW_CASHIER_OFFICE | | JUBSSC |

Type

- The type of object. Button, Link, Text, and Page etc...

Action

- The action the test will take on a specific object. Set_Value, Click, Verify, and Save etc...

Recognition

- The attribute by which PTF identifies the object on the page. This is typically the HTML ID property.

Value

- The value being set or verified. This is either the value entered in a field by the tester when the recording was made or, in a step recorded in field check mode, this is the value that was already present in a field when it was verified during the recording of the test.

Common Actions

Get_Property (Gets the value for the property, return variable)

Verify (Compare the value and add a pass or fail log)

Exists (Check if the object exist and return true/false)

Set_value

RUNNING PROCESSES

| | | | | |
|---------|---|-----|---|----------------------|
| Process | ▼ | Run | ▼ | prcname=UN_UPD_RTERM |
|---------|---|-----|---|----------------------|

Step: Process.Run

prctype

Application Engine

wait

true

outtype

outformat

outfile

expected

Success

ret

distribution_expected

Posted

distribution_ret

Prctype is the type of process to run.
Example: SQR

OK

Cancel

CONDITIONALS

| | | | | |
|-------------|-------------|---|--|---|
| Conditional | ▼ If_Then | ▼ &dropdown = "Complete" | | |
| Button | ▼ Click | ▼ name=#ICNextInList | | |
| Loop | ▼ Next | ▼ | | |
| Conditional | ▼ Else | ▼ | | |
| Log | ▼ SnapShot | ▼ | | |
| ComboBox | ▼ Set_Value | ▼ name=SSR_ACT_BLDDATA_SSR_ACO_ROOT_OPT | | S |
| ComboBox | ▼ Set_Value | ▼ name=SSR_ACT_BLDDATA_SSR_ACO_EXAM_OPT | | T |
| Button | ▼ Click | ▼ name=SSR_ACO_XR0_DER_SSR_REFRESH | | |
| Button | ▼ Click | ▼ name=SSR_ACO_XR0_DER_GET_ROWS | | |
| Conditional | ▼ End_If | ▼ | | |
| Log | ▼ SnapShot | ▼ | | |
| Log | ▼ Pass | ▼ | | |

FUNCTIONS

Functions

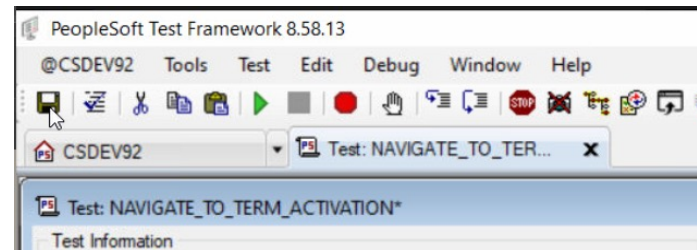
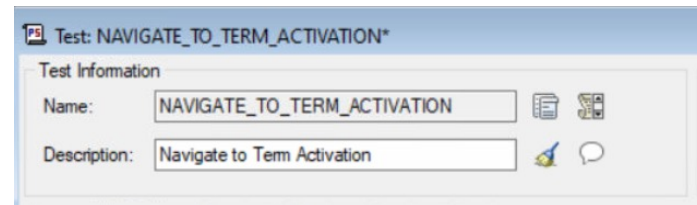
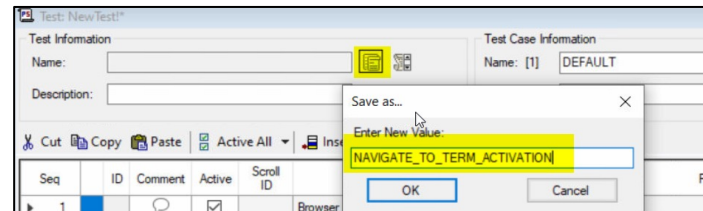
- Mathematical functions
- Date / Time functions
- String Functions
- Numeric functions

| | | | | | | |
|------|---|-----------|---|--------------------------------|-----|--------|
| Text | ▼ | Set_Value | ▼ | name=DERIVED_SCC_NM_FIRST_NAME | | TIME() |
| Text | ▼ | Set_Value | ▼ | name=DERIVED_SCC_NM_LAST_NAME | ... | DATE() |

CREATE TEST SCRIPT AND RECORDING

Saving the test

- Update the test name, description
- Save the test



PLAY

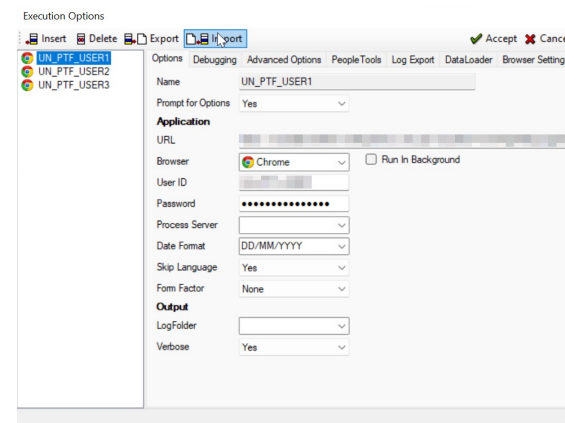
Testing

PLAYBACK

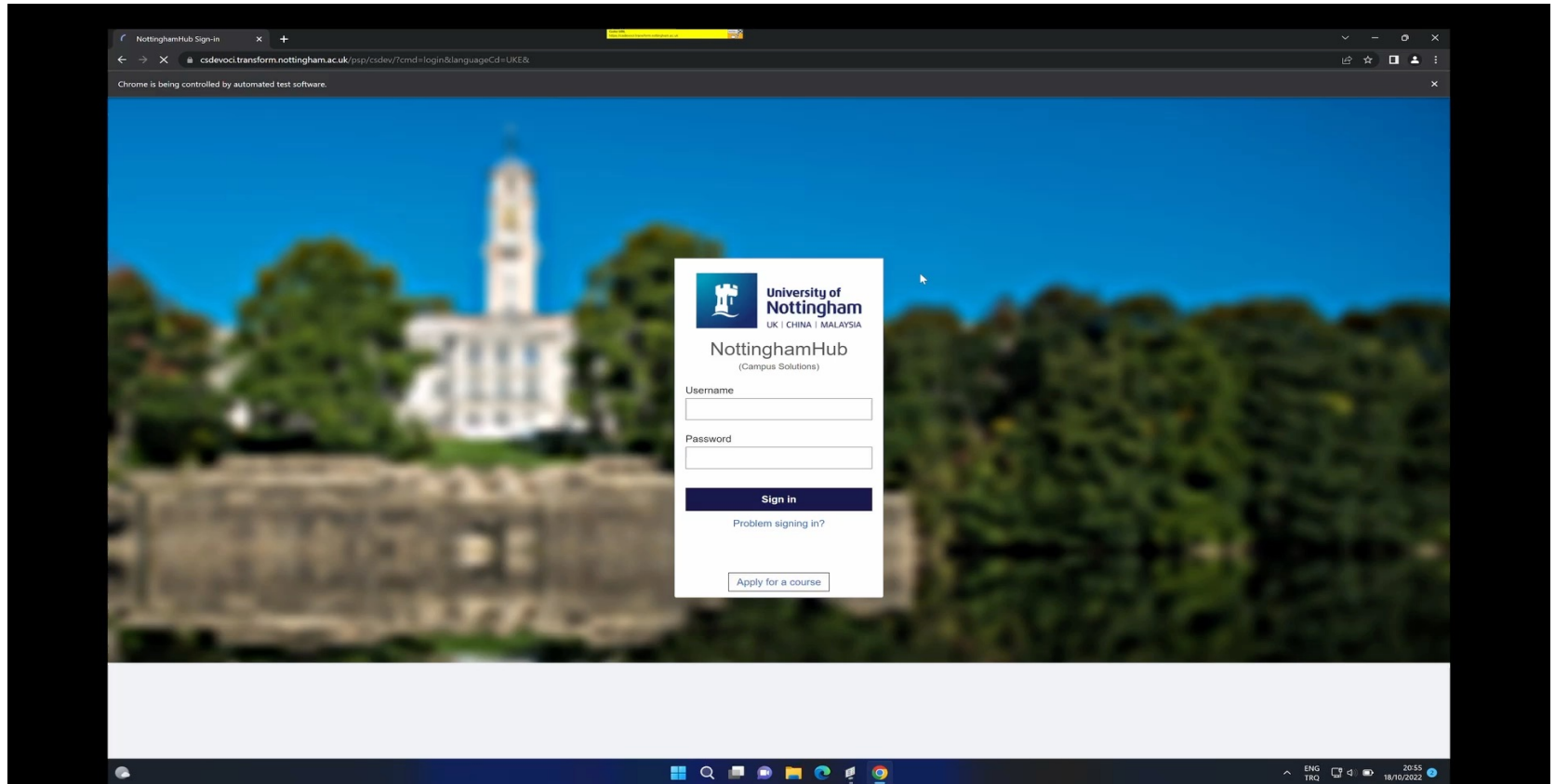
Play

Select the
execution
option

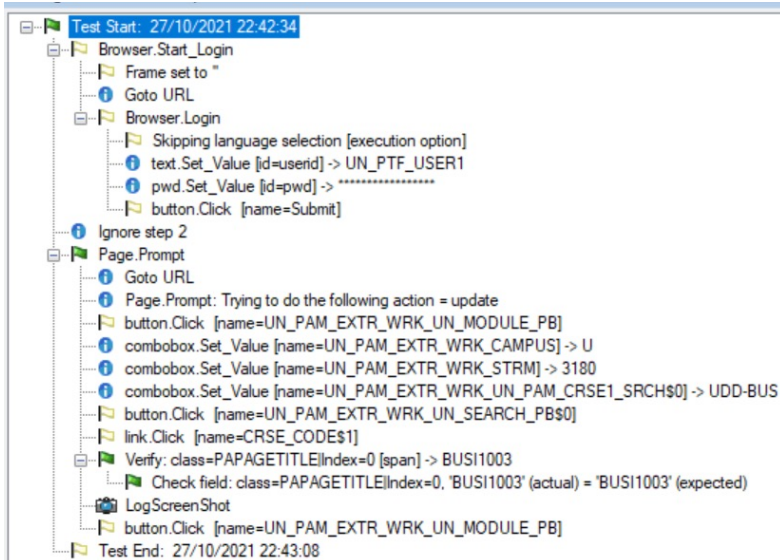
Accept



PLAYBACK



PLAYBACK



Test End: 27/10/2021 22:43:08
Log saving... please wait...



Screenshot if script
fails

Screenshot if there
is a step to take a
screenshot

There is an outcome
for each step (Pass
or Fail)

result at the end of
the script but
validation or
confirmation can be
added as a step to

OneDrive - The University of Nottingham > PFT > ADD_ADDITIONAL_BNK_ACC

| Name | Status | Date modified | Type | Size |
|--|--------|------------------|--------------|--------|
| ADD_ADDITIONAL_BNK_ACC-LOG2.xml | ✓ | 18/10/2021 20:21 | XML Document | 12 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG2-Line16.jpg | ✓ | 18/10/2021 20:21 | JPG File | 119 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG3.xml | ✓ | 18/10/2021 20:22 | XML Document | 18 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG3-Line29.jpg | ✓ | 18/10/2021 20:22 | JPG File | 136 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG4.xml | ✓ | 18/10/2021 21:44 | XML Document | 18 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG4-Line29.jpg | ✓ | 18/10/2021 21:44 | JPG File | 136 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG5.xml | ✓ | 18/10/2021 21:46 | XML Document | 14 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG5-Line20.jpg | ✓ | 18/10/2021 21:46 | JPG File | 283 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG6.xml | ✓ | 18/10/2021 21:46 | XML Document | 15 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG6-Line21.jpg | ✓ | 18/10/2021 21:46 | JPG File | 283 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG7.xml | ✓ | 18/10/2021 21:48 | XML Document | 15 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG7-Line21.jpg | ✓ | 18/10/2021 21:48 | JPG File | 283 KB |
| ADD_ADDITIONAL_BNK_ACC-LOG8.xml | ✓ | 18/10/2021 21:50 | XML Document | 15 KB |

EXECUTION OPTIONS

Enhance your capabilities

ADVANCED OPTIONS - ENABLING PERSISTENT VARIABLE

Enable Persistent Variables

- If you need to share variables between tests, use persistent variable. PTF stores persistent variables in the database so that subsequent test executions can use them. (Student ID, Application number etc...)

CS - Navigation

- People tools - Lifecycle Tools - Test Framework - Manage Persistent Variables

Manage Persistent Variables for each script

- Activate the option for each script

Options Debugging Advanced Options PeopleTools Log Export DataL

Portal URL

Portal Name Add Remove

URL

Persistent Variables

☒ Enable Persistent Variables

☐ By Execution Option Name

☐ By User ID

☐ By Machine Name used for Playback

Usage Monitoring

☐ Environment is Usage Monitor-enabled

Step Info

☐ Overwrite Existing Step Info

Manage Persistent Variables

Persistent Variables

| Exec Opt Name | User ID | Machine Name | Variable Name | Value |
|---------------------------------------|---------|--------------|----------------|----------|
| <input type="checkbox"/> UN_PTF_USER1 | | | &ACAD_PROG | U1065 |
| <input type="checkbox"/> UN_PTF_USER1 | | | &APP_NUMBER | 10565749 |
| <input type="checkbox"/> UN_PTF_USER1 | | | &APT_INSTANCE | 1 |
| <input type="checkbox"/> UN_PTF_USER1 | | | &CAREER | UG |
| <input type="checkbox"/> UN_PTF_USER1 | | | &EMPLID | 20413441 |
| <input type="checkbox"/> UN_PTF_USER1 | | | &SSR_FORMAT_ID | U_4YR_3S |
| <input type="checkbox"/> UN_PTF_USER1 | | | &STDNT_CAR_NBR | 0 |

Select All Clear All Delete Selected

Test Properties

Last Updated: 18/10/2021 20:20:40 Updated By:

Language (*): UK English

Variable Action: Read

(*): Language: Change the language the test selects at sign in. It will not enable the test to be executed against the same language in which they were recorded.

☐ Library Test

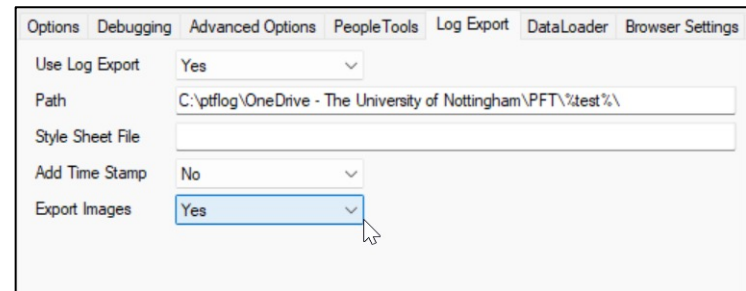
Parameter list

OK Cancel

EXECUTION OPTIONS — LOG EXPORT

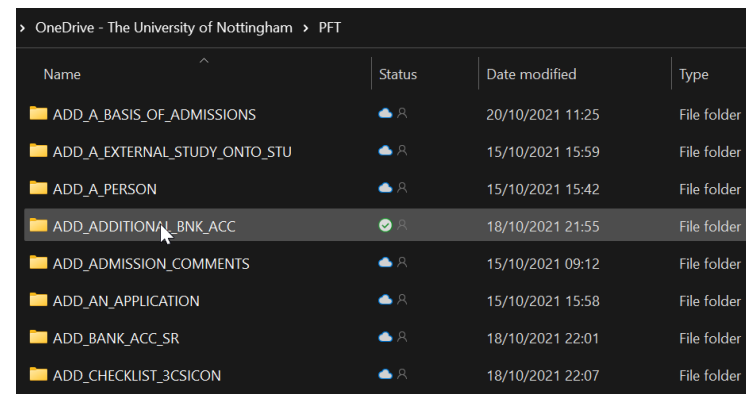
Screenshots can be saved under a shared folder by different users.

One drive or another shared folder can be defined on the Log export tab



The screenshot shows the 'Log Export' tab in a software interface. It contains the following settings:

- Use Log Export: Yes
- Path: C:\ptflog\OneDrive - The University of Nottingham\PFT\%test%\
- Style Sheet File: (empty text box)
- Add Time Stamp: No
- Export Images: Yes



The screenshot shows a file explorer view of a OneDrive folder named 'PFT'. It contains a table of folders with their names, statuses, modification dates, and types.

| Name | Status | Date modified | Type |
|-------------------------------|--------------------------------------|------------------|-------------|
| ADD_A_BASIS_OF_ADMISSIONS | Cloud sync icon | 20/10/2021 11:25 | File folder |
| ADD_A_EXTERNAL_STUDY_ONTO_STU | Cloud sync icon | 15/10/2021 15:59 | File folder |
| ADD_A_PERSON | Cloud sync icon | 15/10/2021 15:42 | File folder |
| ADD_ADDITIONAL_BNK_ACC | Cloud sync icon with green checkmark | 18/10/2021 21:55 | File folder |
| ADD_ADMISSION_COMMENTS | Cloud sync icon | 15/10/2021 09:12 | File folder |
| ADD_AN_APPLICATION | Cloud sync icon | 15/10/2021 15:58 | File folder |
| ADD_BANK_ACC_SR | Cloud sync icon | 18/10/2021 22:01 | File folder |
| ADD_CHECKLIST_3CSICON | Cloud sync icon | 18/10/2021 22:07 | File folder |

EXECUTION OPTIONS — DATA LOADER

To use PS Queries in the automation scripts

Sign on information can be used

Query needs to be available on the test environment

Options Debugging Advanced Options PeopleTools Log Export DataLoader Browser Settings

Host Name GB3AAAAB9WEB01

SSL Port 9999

Node ID CSDEV92

Edit DataLoader

DataLoader Name test

DataLoader Type Query

Select Query

Query Name UN_REPEAT_ENROLMENTS

Note: Queries in above drop-down list are from server in current Execution Options

Query Parameters

Institution uon

Term 3210

Campus UJ

Load Fields

test

Query Name Query Params

UN_REPEAT... BIND1:uon,BIND2:3210,BIND3:U

Delete Query Edit Query OK

| ID | Source Fields | Variables |
|----|---------------|------------|
| 0 | (rowcount) | |
| 1 | EMPLID | &EMPLID |
| 2 | CLASS_NBR | &CLASS_NBR |

| | | | | |
|-----------|---|----------------------------------|--|---------------|
| Load | ▼ | name=UN_PTF_STDNT_NOT_MATRCLTION | source=UN_PTF_STDNT_NOT_MATRCLTION;sourceType=N... | |
| For | ▼ | &i=1 to &row_count | | |
| Set_Value | ▼ | name=ADM_MAINT_SCTY_ADM_APPL_NBR | | &ADM_APPL_NBR |
| Set_Value | ▼ | name=ADM_MAINT_SCTY_EMPLID | | &EMPLID |

AFTER THE RECORDING

Improve

CREATE TEST SCRIPT AND RECORDING

Review test script

- Clean up after recording
- Use Direct navigation

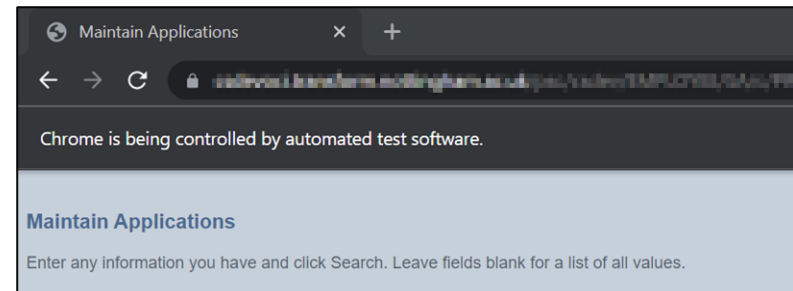
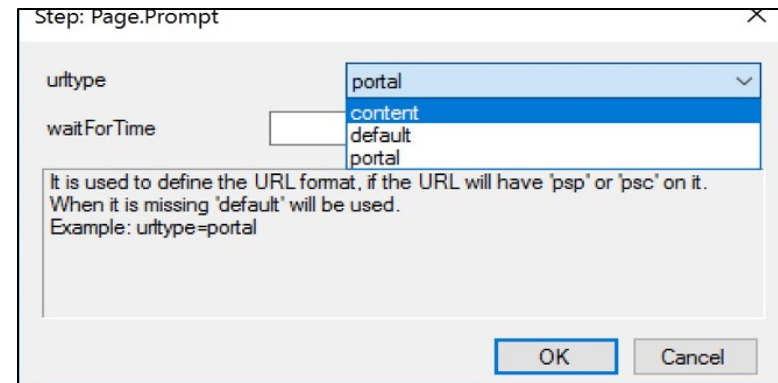
| Seq | ID | Comment | Active | Scroll ID | Type | Action | Recognition | Parameters | Value |
|-----|----|---------|-------------------------------------|-----------|---------|-------------|--------------------------------------|-----------------|--------|
| 1 | 1 | | <input checked="" type="checkbox"/> | | Browser | Start_Login | | | |
| 2 | 2 | | <input type="checkbox"/> | | Browser | FrameSet | | | |
| 3 | 3 | | <input type="checkbox"/> | | Link | Click | id=PT_NAVBAR | | |
| 4 | 4 | | <input type="checkbox"/> | | Browser | FrameSet | paNavBarFrame | | |
| 5 | 5 | | <input type="checkbox"/> | | Image | Click | class=ps_processIndex=2 | | |
| 6 | 6 | | <input checked="" type="checkbox"/> | | Page | Prompt | RUN_CASHIERING.CLOSE_CASHIER_OFF.GBL | urltype=content | update |
| 7 | 7 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=SP_CSHOFF_NONVW_BUSINESS_UNIT | | UNUK1 |
| 8 | 8 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=SP_CSHOFF_NONVW_CASHIER_OFFICE | | JUBSSC |
| 9 | 9 | | <input checked="" type="checkbox"/> | | Page | PromptOk | | | |
| 10 | 15 | | <input checked="" type="checkbox"/> | | Page | Go_To | Close Offices | | |
| 11 | 14 | | <input checked="" type="checkbox"/> | | Browser | FrameSet | | | |
| 12 | 10 | | <input checked="" type="checkbox"/> | | Button | Click | name=CSH_OFF_WRK_CLOSE_BUS_DT | | |
| 13 | 16 | | <input checked="" type="checkbox"/> | | Log | Snapshot | | | |
| 14 | 11 | | <input checked="" type="checkbox"/> | | Page | Save | | | |
| * | | | <input checked="" type="checkbox"/> | | | | | | |

| Seq | ID | Comment | Active | Scroll ID | Type | Action | Recognition | Parameters | Value |
|-----|----|---------|-------------------------------------|-----------|---------|-------------|--------------------------------------|-----------------|--------|
| 1 | 1 | | <input checked="" type="checkbox"/> | | Browser | Start_Login | | | |
| 2 | 6 | | <input checked="" type="checkbox"/> | | Page | Prompt | RUN_CASHIERING.CLOSE_CASHIER_OFF.GBL | urltype=content | update |
| 3 | 17 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=SP_CSHOFF_NONVW_BUSINESS_UNIT | | UNUK1 |
| 4 | 8 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=SP_CSHOFF_NONVW_CASHIER_OFFICE | | JUBSSC |
| 5 | 9 | | <input checked="" type="checkbox"/> | | Page | PromptOk | | | |
| 6 | 15 | | <input checked="" type="checkbox"/> | | Page | Go_To | Close Offices | | |
| 7 | 14 | | <input checked="" type="checkbox"/> | | Browser | FrameSet | | | |
| 8 | 10 | | <input checked="" type="checkbox"/> | | Button | Click | name=CSH_OFF_WRK_CLOSE_BUS_DT | | |
| 9 | 16 | | <input checked="" type="checkbox"/> | | Log | Snapshot | | | |
| 10 | 11 | | <input checked="" type="checkbox"/> | | Page | Save | | | |
| * | | | <input checked="" type="checkbox"/> | | | | | | |

CREATE TEST SCRIPT AND RECORDING

Save time

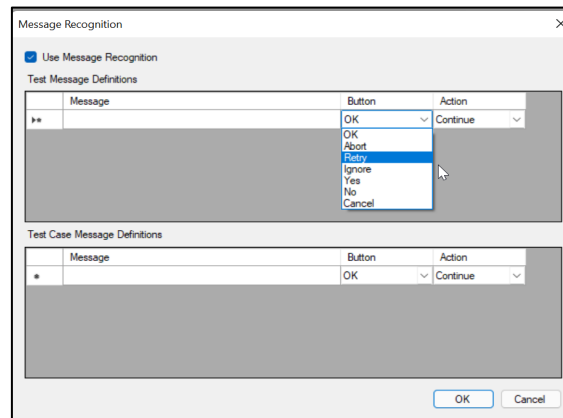
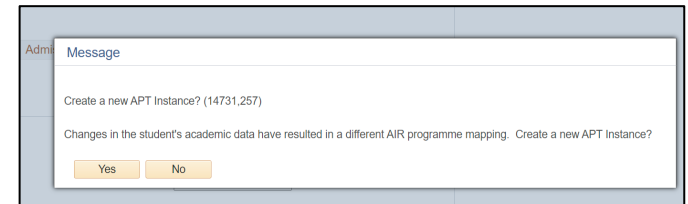
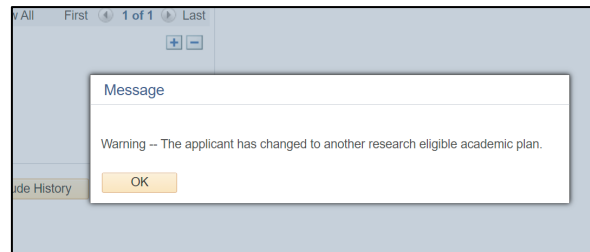
- Using content urtype can speed up the process
- Test will load direct page without using navigation or portal elements



MESSAGE RECOGNITION

Messages

- During the testing if there is a confirmation or answer a question
- Click OK, Yes or No, cancel etc...



| Message | Button | Action |
|-------------|--------|----------|
| warning | OK | Continue |
| (14731,257) | No | Continue |

CREATING A SCRIPT – TEST CASES

Test Cases

- A variation of the values (data) within a script
- Will change your Values only

Test: ADD_AN_APPLICATION

Test Information

Name: ADD_AN_APPLICATION

Description: Add an Application

Test Case Information

Name: [3] PGT

Description:

PGT

UG

Cut Copy Paste Active All Insert Step Delete Step Step Information

| | | |
|--|---------------|-----|
| PROCESS_APPLICATIONS.ADM_APPL_ENTRY1.GBL | urtype=portal | add |
| name=ADM_APPL_SCTY_ACAD_CAREER | | PGT |



| | | |
|--|---------------|-----|
| PROCESS_APPLICATIONS.ADM_APPL_ENTRY1.GBL | urtype=portal | add |
| name=ADM_APPL_SCTY_ACAD_CAREER | | UG |

COPY — PASTE FASTER THAN RECORDING

ADD_AN_APPLICATION

Test Case Information

Name: [3] UG

Description:

Copy Paste Active All Insert Step Delete Step Step Information

| ID | Comment | Active | Scroll ID | Type | Action | Recognition | Parameters |
|----|---------|-------------------------------------|-----------|---------|-------------|--|---------------|
| 1 | | <input checked="" type="checkbox"/> | | Browser | Start_Login | | |
| 2 | | <input checked="" type="checkbox"/> | | Page | Prompt | PROCESS_APPLICATIONS.ADM_APPL_ENTRY1.GBL | urtype=portal |
| 3 | | <input checked="" type="checkbox"/> | | Text | Set_Value | name=ADM_APPL_SCTY_ACAD_CAREER | |

Add Application

psp/csdev92/EMPLOYEE/SA/c/PROCESS_APPLICATIONS.ADM_APPL_ENTRY1.GBL

COPY — PASTE FASTER THAN RECORDING

| | | | | | | | | | |
|---|---|--|--|--|------|-----------|--------------------------------|--|----|
| 3 | 9 | | | | Text | Set_Value | name=ADM_APPL_SCTY_ACAD_CAREER | | UG |
|---|---|--|--|--|------|-----------|--------------------------------|--|----|

Application Entry

Add a New Value

Application Nbr/ 00000000

ID NEW

*Academic Institution UON

*Academic Career

Add

- Emoji
- Undo
- Redo
- Cut
- Copy
- Paste
- Paste as plain text
- Select all
- Spell check
- Writing Direction
- AdBlock — best ad blocker
- Options
- Inspect

```
<td style= white-space:nowrap align= right >...</td>
<td style="white-space:nowrap">
  <div id="win0divADM_APPL_SCTY_ACAD_CAREER">
    <input type="text" name="ADM_APPL_SCTY_ACAD_CAREER" id="ADM_APPL_SCTY_ACAD_CAREER" tabind
    <a class="PSHYPERLINK" name="ADM_APPL_SCTY_ACAD_CAREER$prompt" id="ADM_APPL_SCTY_ACAD_CAR
    DM_APPL_SCTY_ACAD_CAREER$prompt');">
      
    </a>
  </div>
</td>
```

DIFFERENT TEST TYPES AND FOLDER STRUCTURE

In Progress

- Scripts currently being worked on

Library

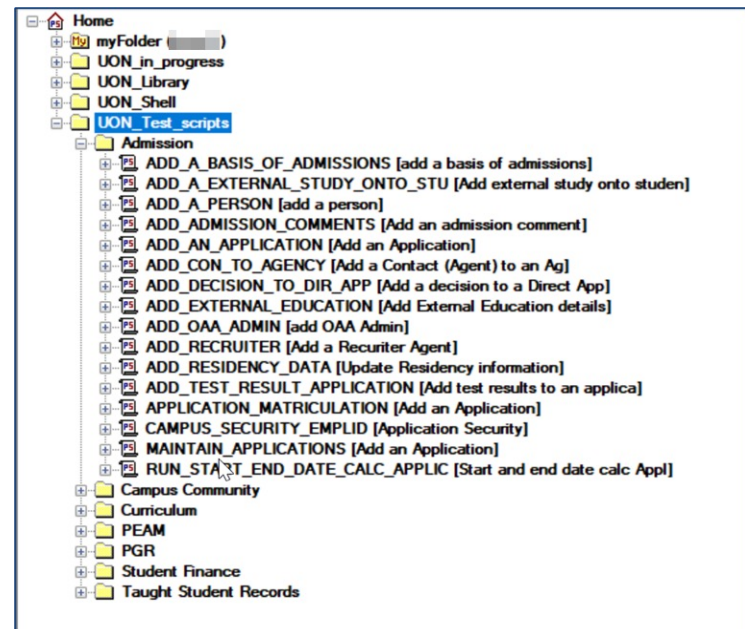
- Library Tests, ready to call from a Test or Shell Test. Not executable by itself.

Shell

- Shell Tests to call other Tests (Run tests one after other and in an order).

Scripts

- Scripts that have been completed and ready



REPORTING

Share

REPORTING (PEOPLETOOLS — LIFECYCLE TOOLS — TEST FRAMEWORK)

Test
Maintenance
reports
(which
changes I am
doing have
an impact on
existing tests)

Test
coverage
reports (how
much of my
project is
covered by
tests)

Test details
reports (what
does the test
do)

Test Matrix
reports (what
is located
where)

UON REPORTING

Overall Test Results

Detailed Test Results

PTF Test Scripts (Based on functional area)

OVERALL TEST RESULTS

Peoplesoft Test Framework Overall Test Results

Test Summary

| | Fail | FatalError | Pass | Warning | Total |
|----------------------|------|------------|------|---------|-------|
| Admission | 0 | 0 | 2 | 1 | 3 |
| PEAM | 5 | 3 | 0 | 1 | 9 |
| Taught Student Recor | 1 | 0 | 0 | 0 | 1 |
| Total | 6 | 3 | 2 | 2 | |

1.0 Admission

| Test Description | Test Outcome | DevOps ID |
|------------------------------|--------------|-----------|
| Add an admission comment | Pass | 37966 |
| Add an Application | Pass | 37964 |
| Start and end date calc Appl | Warning | 41531 |

DETAILED TEST RESULTS

Peoplesoft Test Framework Test Results

Admission

Add an admission comment

Case Overall Test Result : Pass

DevOps ID: 37966

Link:

[https://
uk/psp/csuat92_9/EMPLOYEE/SA/c/PROCESS_APPLICATIONS.STDNT_ADM_COMMENTS.
GBL:urltype=content](https://uk/psp/csuat92_9/EMPLOYEE/SA/c/PROCESS_APPLICATIONS.STDNT_ADM_COMMENTS.GBL:urltype=content)

Test Steps

| |
|---|
| Navigate to PROCESS_APPLICATIONS > STDNT_ADM_COMMENTS |
| Set Value for Student ID -> 20506417 |
| Click Search |
| Set Value for Admission Comment Code -> UA006 |
| Set Value for Admit Term -> 3210 |
| Set Value for Description -> Test |
| Please see the screenshot |
| Save the page |
| Click Save |
| Page Saved |

Add an Application

Case Overall Test Result : Pass

DevOps ID: 37964

Link:

PTF TEST SCRIPTS (BASED ON FUNCTIONAL AREA)

When we have folders based on the functional area

- ```
SELECT substr(
A.PTTST_PARENTFOLDER,19,50),
A.PTTST_NAME, A.DESCR,
A.PTTST_PARENTFOLDER
FROM PSPTTSTDEFN A
WHERE (
A.PTTST_PARENTFOLDER LIKE
'%UON_Test_scripts%')
ORDER BY 1, 2
```

| Row | Functional Area  | Test Name                      | Descr                          | Parent Fld                        |
|-----|------------------|--------------------------------|--------------------------------|-----------------------------------|
| 1   | Admission        | ADD_ADMISSION_COMMENTS         | Add an admission comment       | UON_Test_scripts\Admission        |
| 2   | Admission        | ADD_AN_APPLICATION             | Add an Application             | UON_Test_scripts\Admission        |
| 3   | Admission        | ADD_A_BASIS_OF_ADMISSIONS      | add a basis of admissions      | UON_Test_scripts\Admission        |
| 4   | Admission        | ADD_A_EXTERNAL_STUDY_ONTO_STU  | Add external study onto studen | UON_Test_scripts\Admission        |
| 5   | Admission        | ADD_A_PERSON                   | add a person                   | UON_Test_scripts\Admission        |
| 6   | Admission        | ADD_CON_TO_AGENCY              | Add a Contact (Agent) to an Ag | UON_Test_scripts\Admission        |
| 7   | Admission        | ADD_DECISION_TO_DIR_APP        | Add a decision to a Direct App | UON_Test_scripts\Admission        |
| 8   | Admission        | ADD_EXTERNAL_EDUCATION         | Add External Education details | UON_Test_scripts\Admission        |
| 9   | Admission        | ADD_OAA_ADMIN                  | add OAA Admin                  | UON_Test_scripts\Admission        |
| 10  | Admission        | ADD_RECRUITER                  | Add a Recuriter Agent          | UON_Test_scripts\Admission        |
| 11  | Admission        | ADD_RESIDENCY_DATA             | Update Residency information   | UON_Test_scripts\Admission        |
| 12  | Admission        | ADD_TEST_RESULT_APPLICATION    | Add test results to an applica | UON_Test_scripts\Admission        |
| 13  | Admission        | APPLICATION_MATRICULATION      | Add an Application             | UON_Test_scripts\Admission        |
| 14  | Admission        | CAMPUS_SECURITY_EMPLID         | Application Security           | UON_Test_scripts\Admission        |
| 15  | Admission        | MAINTAIN_APPLICATIONS          | Add an Application             | UON_Test_scripts\Admission        |
| 16  | Admission        | RUN_START_END_DATE_CALC_APPLIC | Start and end date calc Appl   | UON_Test_scripts\Admission        |
| 17  | Campus Community | ADD_CHECKLIST_3CSICON          | Add checklist 3C Decision      | UON_Test_scripts\Campus Community |
| 18  | Campus Community | ADD_CITIZENSHIP_PASSPORT       | Add citizenship passport       | UON_Test_scripts\Campus Community |
| 19  | Campus Community | ADD_COMMENTS_INTERNAL          | Add comments internal          | UON_Test_scripts\Campus Community |
| 20  | Campus Community | ADVISOR_NOTES_ADMIN_SIDE       | Advisor notes Admin            | UON_Test_scripts\Campus Community |
| 21  | Campus Community | CC_ADD_FAV                     | Add Favourites and use - 36349 | UON_Test_scripts\Campus Community |
| 22  | Campus Community | CC_NAV_USING_FAV               | Navigation using Fav.          | UON_Test_scripts\Campus Community |
| 23  | Campus Community | CHCKLIST_COMPL                 | Checklist Complete             | UON_Test_scripts\Campus Community |

# TEST RESULTS (DETAILED RESULTS)

## 1.1 Add an application

Case Overall Test Result : Pass

Link:

[https://\\*\\*\\*\\*.nottingham.ac.uk/psp/csdev92\\_9/EMPLOYEE/SA/c/PROCESS\\_APPLICATIONS.ADM\\_APPL\\_ENTRY1.GBL;uratype=portal](https://****.nottingham.ac.uk/psp/csdev92_9/EMPLOYEE/SA/c/PROCESS_APPLICATIONS.ADM_APPL_ENTRY1.GBL;uratype=portal)

## Creating URL for the report

- CASE  
WHEN F.PTTST\_PARENTFOLDER =  
'\UON\_Shell' then  
CONCAT('https://\*\*\*\*.nottingham.ac.  
uk/psp/csdev92\_9/EMPLOYEE/SA/c/  
'G.PTTST\_CMD\_OBJ\_ID)  
else  
CONCAT  
( 'https://\*\*\*\*.nottingham.ac.uk/psp/c  
sdev92\_9/EMPLOYEE/SA/c/' ,H.PTTST  
\_CMD\_OBJ\_ID)  
end

## Conversion of the test results

- Case  
when A.PTTST\_LOG\_RESULT = 121 then 'FatalError'  
when A.PTTST\_LOG\_RESULT = 120 then 'Fail'  
when A.PTTST\_LOG\_RESULT = 115 then 'Warning'  
when A.PTTST\_LOG\_RESULT = 110 then 'Pass'  
when A.PTTST\_LOG\_RESULT = 100 then 'None'  
when A.PTTST\_LOG\_RESULT = 101 then  
'NoMessage'  
when A.PTTST\_LOG\_RESULT = 102 then 'Info'  
when A.PTTST\_LOG\_RESULT = 220 then  
'ScreenShot'  
when A.PTTST\_LOG\_RESULT = 996 then 'File'  
when A.PTTST\_LOG\_RESULT = 998 then 'Link'  
when A.PTTST\_LOG\_RESULT = 999 then 'Section'  
else 'No Code'  
end case

# CONCLUDING THOUGHTS

ANY QUESTIONS?

# RESOURCES

[Oracle Documentation Online](#)



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**ALL ALLIANCE PRESENTATIONS WILL BE AVAILABLE FOR  
DOWNLOAD FROM THE CONFERENCE SITE**





THANK YOU!



EMEA ALLIANCE 20-21 OCTOBER 2022