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Title: LibraryImageAccessMain.qfl  
Author: Lorena M vR  
Manager: Scott Frazee  
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Description: This library file consists of reusable tests scripts for running the Image Access scripts. These library

functions

Close/Open/Launch the browser, Login/Logout Wisdom and the

contolof which report scripts will be run.

Test Location: O:\QTP Tests\  
-> 1 - Image Access by ENV  
-> 2 - LibraryImageAccessMain.qfl (YOU ARE HERE)  
-> 3 - LibraryImageAccessTests.qfl  
-> 4 - LibraryImageAccessFunctions.qfl

Object Repositories: O:\QTP Tests\ObjectRepository  
ImageAccess.tsr

Updates:

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#### TEST FUNCTIONS FOUND IN THIS LIBRARY

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#### Reusable Functions

'KillAllOpenBrowsers ()  
'KillExcel ()  
'KillPDF ()  
'LaunchWisdomBrowser ()  
'RemoveThenAddObjectRepositories ()  
'CheckPasswordUserIDandBrowser ()  
'LoginWisdomImageAccessWithAcctNumber ()  
'LogoutOfWisdom ()  
'All\_ImageAccessReports ()

```
'Call ActivityReportbyReportID ()  
'Call LoginALL_IMAGED_CLIENT_DOCUMENTS ()
```

- NEEDS REPAIR

```
'-----  
Public Function KillAllOpenBrowsers ()
```

```
'CLOSE ALL OPEN WINDOWS BROWSERS
```

```
    Set oBrowser=Description.Create()  
    oBrowser("micclass").Value="Browser"  
    Set obj=Desktop.ChildObjects(oBrowser)  
    For i=0 to obj.Count-1  
        obj(i).Close  
    Next
```

```
End Function
```

```
'-----  
Public Function KillExcel ()
```

```
'Used to end any remaining Excel processes
```

```
strComputer = "."  
Set objWMIService = GetObject("winmgmts:\\." & strComputer & "\root\cimv2")  
  
Set colProcesses = objWMIService.ExecQuery ("Select * from Win32_Process Where Name = 'Excel.exe'")  
  
For Each objProcess in colProcesses  
    objProcess.Terminate()  
Next
```

```
End Function
```

```
'-----  
Public Function KillPDF ()
```

```
'Used to end any remaining Acrobat PDF processes
```

```
strComputer = "."  
Set objWMIService = GetObject("winmgmts:\\." & strComputer & "\root\cimv2")
```

```
Set colProcesses = objWMIService.ExecQuery ("Select * from Win32_Process Where Name = 'AcroRd32.exe'")
```

```
For Each objProcess in colProcesses  
    objProcess.Terminate()
```

```
Next
```

```
End Function
```

```
'-----
```

```
Public Function RemoveThenAddObjectRepositories ()
```

```
'SET REPOSITORIES
```

```
    'Remove ALL loaded Object Repositories  
    RepositoriesCollection.RemoveAll()
```

```
    'Add Object Repositories <path of OR> ("c:\vIns\OR.tsr")  
    strRepPath1 = "O:\QTP Tests\ObjectRepository\ImageAccess.tsr"  
    RepositoriesCollection.Add(strRepPath1)
```

```
End Function
```

```
'-----
```

```
Public Function LaunchWisdomInBrowserWithURL ()
```

```
'ADD URL
```

```
Url = DataTable.value("URL", dtGlobalSheet) ' Url data from excel.  
SystemUtil.Run Url ' this will launch a browser and will open the particular url.
```

```
If Browser("Wisdom").Page("WisdomLogin").WebElement("Welcome to Wisdom").Exist(10) Then
```

```
    'Browser Opened successfully in URL  
    Reporter.ReportEvent micPass, "Browser in URL: ", DataTable("URL", dtGlobalSheet) & " - opened SUCCESSFULLY."
```

```
Else
```

```
    'Browser Failed to open in URL  
    Reporter.ReportEvent micFail, "Browser in URL: ", DataTable("URL", dtGlobalSheet) & " - opened UNSUCCESSFULLY."  
    Call KillAllOpenBrowsers ()  
    'Browser("Wisdom").Close  
    ExitTestIteration 'ExitTest
```

End If

End Function

```
'-----  
Public Function AddThenCheckPasswordUserIDorWisdom ()  
  
'ADD User ID and Password  
With Browser("Wisdom").Page("WisdomLogin")  
    .WebEdit("userid").Set DataTable("UserID", dtGlobalSheet)  
    .WebEdit("password").SetSecure DataTable("Password", dtGlobalSheet)  
    .WebButton("Log In").Click  
End With  
  
'Add then Check if User ID, Password, or Wisdom fails to open  
If Browser("Wisdom").Page("Wisdom Main").Frame("MainWindow").WebTable("Client").Exist(10) Then  
    'Login Passed - Logout only appears when the login is successful  
    Reporter.ReportEvent micPass, "ID and Password for Row: " & DataTable.GlobalSheet.GetCurrentRow, "UserID: " & Datatable("UserID", dtGlobalSheet) & "  
and Password: " & Datatable("Password", dtGlobalSheet) & " are VALID."  
Elseif Browser("Wisdom").Page("WisdomLogin").WebElement("Login Failure.").Exist(10) Then  
    'Login Failed - Bad User ID or Password"  
    Reporter.ReportEvent micFail, "ID or Password for Row: " & DataTable.GlobalSheet.GetCurrentRow, "UserID: " & Datatable("UserID", dtGlobalSheet) & " or  
Password: " & Datatable("Password", dtGlobalSheet) & " is INVALID."  
    Browser("Wisdom").Close  
    ExitTestIteration 'ExitTest  
Else  
    'Wisdom Failed to open in Env, TRY AGAIN  
    Call LogoutOfWisdom ()  
    'Call KillAllOpenBrowsers ()  
    Call LaunchWisdomInBrowserWithURL ()  
    'ADD User ID and Password  
    With Browser("Wisdom").Page("WisdomLogin")  
        .WebEdit("userid").Set DataTable("UserID", dtGlobalSheet)  
        .WebEdit("password").SetSecure DataTable("Password", dtGlobalSheet)  
        .WebButton("Log In").Click  
    End With  
    If Browser("Wisdom").Page("Wisdom Main").Frame("MainWindow").WebTable("Client").Exist(10) Then  
        'Login Passed - Logout only appears when the login is successful  
        Reporter.ReportEvent micPass, "ID and Password for Row: " & DataTable.GlobalSheet.GetCurrentRow, "UserID: " &  
Datatable("UserID", dtGlobalSheet) & " and Password: " & Datatable("Password", dtGlobalSheet) & " are VALID."
```

```

Else
    'Wisdom Failed to open in Env 2ND TRY
        Reporter.ReportEvent micFail, "Env Error at Row: " & DataTable.GlobalSheet.CurrentRow, "Login Failed. Unknown error:
Wisdom Failed to open in Env: " & Datatable("ENV", dtGlobalSheet)
        Browser("Wisdom").Close
        ExitTestIteration 'ExitTest
    End If
End If

End Function

'-----
Public Function FirstTimeChangeAcctNumber ()

'Set Account Number
If Browser("Wisdom").Page("WisdomLogin").Frame("MainWindow").WebElement("Client").Exist(10) Then
    With Browser("Wisdom").Page("Wisdom Main")
        .WebEdit("Account").Set DataTable("ACCT1", dtGlobalSheet)
        '.WebEdit("Account").Set "1000058"
        .Image("imButAcct2").Click 'Click GO
        'Open IA and test links
        Wait(1)
        .Link("All Images").Click
    End With
    'Browser("Wisdom").Page("WisdomLogin").Link("All Images").Click

    With Browser("Wisdom").Page("IA Reports").Frame("parent")
        .Link("Rep Reports").Click
        .Link("Branch Reports").Click
        .Link("Sub Firm Reports").Click
        .Link("Firm Reports").Click
        .Link("Account Documents").Click
    End With
Else
    'Wisdom Client Info Failed to open in Env
    Reporter.ReportEvent micFail, "Env Error at Row: " & DataTable.GlobalSheet.CurrentRow, "Login Failed. Client Information in Wisdom Failed to open in
Env: " & Datatable("ENV", dtGlobalSheet)
    Browser("Wisdom").Close
    ExitTestIteration 'ExitTest
End If

```

End Function

'-----

Public Function ChangeAcctNumber ()

If Browser("Wisdom").Page("WisdomLogin").Image("Wisdom").Exist(1) Then  
    Browser("Wisdom").Page("WisdomLogin").Link("All Images").Click  
End If

With Browser("Wisdom").Page("Wisdom Main")  
    .WebEdit("Account").Set DataTable("ACCT1", dtGlobalSheet)  
    .WebEdit("Account").Set "10000058"  
    .Image("imButAcct2").Click 'Click GO  
    'Open IA and test links  
    Wait(1)  
    If .Link("All Images").Exist(1) Then  
        .Link("All Images").Click  
    End If

End With

'Browser("Wisdom").Page("WisdomLogin").Link("All Images").Click"

End Function

'-----

'Public Function All\_ImageAccessReports ()

,

"Call BasicIAtesting

'Call ALL\_IMAGED\_CLIENT\_DOCUMENTS ()

,

"Call ActivityReportbyReportID () - NEEDS REPAIR

"Add more report test here

,

'End Function

'-----

Public Function LogoutOfWisdom ()

```
'LOGOUT
Browser("Wisdom").Page("Wisdom Main").Image("Logout").Click
Browser("Wisdom").Page("WisdomLogin").WebElement("Welcome to Wisdom").WaitProperty "visible", True, 10000
Browser("Wisdom").Close
```

End Function

```
'-----
---
```

Sub CloseDialogBox

```
    If Window("Windows Internet Explorer_PlzReload").Exist(0) Then
        Window("Windows Internet Explorer_PlzReload").Close
    ElseIf Browser("Preferences").Page("Preferences").WebElement("Close").Exist(0) Then
        Browser("Preferences").Page("Preferences").WebElement("Close").Click
    Else
        Reporter.ReportEvent micPass, "Dialog Box: " & DataTable.GlobalSheet.GetCurrentRow, "No dialog box was found to close."
        'Reporter.ReportEvent micWarning, "Report Name: " & ReportName, " indicates: The brokerage account number in context does not
have any AALOC or Secured PrimeLine accounts associated with it ."
    End If
```

End Sub

```
'-----
---
```