# Stepdefinitions:

[When(@"I start UFT")]

public void ThenIStartUft()

{

var path = Path.GetDirectoryName(Assembly.GetExecutingAssembly().Location);

apiDemosFunctions.NavigateToUFT("UFT.vbs", TestInitialization.UftTestname, path);

}

# TestInitilization:

\_ufttestname = config["UFT:uftTestcaseName"];

# appSettings.json:

"UFT": {

"uftTestcaseName": "GUITest2"

}

# Note:

Put the UFT GUI test in the class path

# UFT Utilities:

public static void StartUft(string Invoker, string testcaseName, string path)

{

Process scriptProc = new Process();

scriptProc.StartInfo.FileName = @"cscript";

var uftPath = Path.Combine(path, "UftInvoker");

scriptProc.StartInfo.WorkingDirectory = uftPath;

string testName = Path.Combine(path, testcaseName);

scriptProc.StartInfo.Arguments = string.Format("{0} /QTPTestName:\"{1}\"", Invoker, testName);

scriptProc.StartInfo.WindowStyle = ProcessWindowStyle.Hidden; //prevent console window from popping up

scriptProc.StartInfo.UseShellExecute = false;

scriptProc.StartInfo.RedirectStandardOutput = true;

scriptProc.StartInfo.RedirectStandardError = true;

scriptProc.Start();

scriptProc.WaitForExit();

//Read the output (or the error)

string output = scriptProc.StandardOutput.ReadToEnd();

string err = scriptProc.StandardError.ReadToEnd();

try

{

Assert.AreEqual(output.ToString().ToLower().Trim().Contains("true"), true);

}

catch (Exception ex)

{

throw new Exception("The " +

testName.Split('/').Where(x => !string.IsNullOrWhiteSpace(x)).LastOrDefault() + " UFT testcase failed. ");

}

scriptProc.Close();

}

# UFT Invoker. vbs

Set qtApp = CreateObject("QuickTest.Application")

qtApp.Launch ' Start QuickTest

qtApp.Visible = True ' Make the QuickTest application visible

wscript.sleep 10

'------------------------------------------------------------

'Retrieve Command Line Named Arguments

'------------------------------------------------------------

Set colNamedArguments = WScript.Arguments.Named

sParamTestName = colNamedArguments.Item("QTPTestName")

'------------------------------------------------------------

qtApp.Open(sParamTestName)

Set qtTest = qtApp.Test

Set qtResultsOpt = CreateObject("QuickTest.RunResultsOptions") ' Create the Run Results Options object

Set pDefColl = qtTest.ParameterDefinitions

Set rtParams = pDefColl.GetParameters()

'Run the test with changed parameters, [ResultsOptions], [WaitOnReturn], [Parameters].

qtTest.Run qtResultsOpt, True, rtParams

sTestExecuted = rtParams.Item("Out\_TestExecuted").Value

WScript.Stdout.Write sTestExecuted

WScript.Echo sTestExecuted

qtTest.close

qtApp.quit

Set qtResultsOpt = Nothing ' Release the Run Results Options object

Set qtTest = Nothing ' Release the Test object

Set qtApp = Nothing