***Execute Selected Tests V1.2 - USER MANUAL***

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**i.** **Test Execution**

**a. Executing multiple tests**

1. Go To ***...\ComTests\Develop\ComTests\Tools\ExecuteSelectedTests*** and Run ***Execute Selected Tests VX.XX.exe*** file
2. Click On Browse Button and select the ***TestResult.xml Or Results.txt file***.(Extract the zip file received after the test run for getting the TestResult.xml Or Results.txt file.)
3. Select the required Architecture and Configuration using the drop down list.(x64 and Debug are selected by default)
4. Build the solution by clicking build button(**Optional- Skip If the solution is already Build**)
5. Click On Start Execution Button

**Note** : Clicking on stop execution in between the execution will show the results of the tests that were executed up to that moment.

**b. Executing a Single Test**

1. Go To ***...\ComTests\Develop\ComTests\Tools\ExecuteSelectedTests*** and Run ***Execute Selected Tests VX.XX.exe*** file
2. Enter the name of the automated case in the text box

Eg: ***Scripting.Tests.ScriptingTest.IM50151\_ComMoveRelativeTimeOfADataGroup***

1. Select the required Architecture and Configuration using the drop down list.
2. Build the solution by clicking build button(**Optional- Skip If the solution is already Build**)
3. Click On Start Execution Button

**ii.** **Report Generation**

**a.** **Ignored Test Report Generation**

Categorizes the Ignored Tests into different Excel worksheets as In Review,COM Test Update Required, License Not available, Freezing Tests,Test Plugin Tests,COM Function Missing Incomplete Tests and Others and creates Excel Report In Current Directory. ***Name of the Automated Test is used as identifier***.

1. Click On Browse Button and select the ***TestResult.xml*** file

2. Click On Generate Ignored Test Report Button

Graphical user interface, application, table, Excel

Description automatically generated

**b. Failure Report Generation**

Creates Excel Report containing Reason for Failure, And also unfilled columns for filling Name of COM Developer who Updated the test and details regarding what updates he/she has made for resolving the test issue. ***Name of the Automated Test is used as identifier***.

1. Click On Browse Button and select the ***TestResult.xml*** file

2. Click On Generate Failure Report Button

Graphical user interface, application, table, Excel

Description automatically generated

**c. Execution Time Report Generation**

Sorts the Tests In Descending Order Based On The Time Taken By each Test In a Test Run and creates Excel Report In Current Directory. ***Name of the Automated Test is used as identifier***.

1. Click On Browse Button and select the ***TestResult.xml*** file

2. Click On Generate Execution Time Report Button

Graphical user interface, application, table, Excel

Description automatically generated

**iii****. Re-Usability**

* After the execution is finished, a new result file named ***TestResults.txt*** will be created in the Current directory with the new list of failures. This file could be reloaded to the application and re-executed.

**iv.** **Other Options**

a. Time Out of a test could be customized accordingly (***7200000ms by default***)

b. Nunit Path and Exe File Names Could Be Customized

**v. Error Handling**

***a.***  ***Nunit path shows path does not contain nunit-console.exe*** : Please enter the path of nunit-console.exe file in you system and click save so that the path is saved permanently.

***b. Dll Not Found***: Please Rebuild the solution before starting the execution again.