This is an ExcelExportImport utility, provides capability to import data from Excel file to RQM.

This utility can be installed by just running the .exe provided in Link under References section of this document. After the installation you can see a RQM menu option in your Excel file. Installation directory contains .cfg file where we provide the Excel file column names mapped to the respective fields(category) in Rational Quality Manager .

Following are few steps I performed before starting the actual migration of the data.

**Preconditions:**

* Installed Microsoft Excel
* RQM Migration Utility is installed and RQM option visible in excel fileRQM Migration Utility is installed and RQM option visible in excel file

**Preparatory Work before migration:**

* Quality Centre can have any number of levels in hierarchy.

              For our data it suited to have 3 Levels of hierarchy hence we decided to create maximum 3 levels of hierarchy.

Ex:

Level 1 -> Product Name

Level2 -> Feature Name

Level 3 -> Sub feature

Level4 -> Actual Test Scripts

Create 3 categories in RQM which will represent the 3 hierarchy levels in Quality Center

**Preparation:**

1. Prepare the query to get list of absolute IDs :

As discussed before we have 3 levels of hierarchy in Quality Centre, when we perform migration of scripts we will be migrating whole set of test scripts that comes under targeted folder at Level2. In order to write a query to pull out list of scripts under specific folder we should know unique identity of that folder. Here in Quality Centre we have absolute IDs to identify folders uniquely.

I executed following query to get list of absolute ID’s on all folders existing in Quality Centre database.

Query is executed from Quality Centre->Dashboard section:

Below screenshot just show how to navigate in Quality Centre to get to the query editor.

Note: Do not use the query in given screen shot, Actual Queries are listed separately in below explanation.

SELECT ALL\_LISTS.AL\_ABSOLUTE\_PATH /\*Test Plan Folder.Absolute Path\*/ ,

ALL\_LISTS.AL\_DESCRIPTION /\*Test Plan Folder.Name\*/

FROM ALL\_LISTS

Select

ALL\_LISTS.AL\_DESCRIPTION, /\* Level3 Folder Name \*/

TEST.TS\_CREATION\_DATE, /\*Test.Creation Date\*/

TEST.TS\_DESCRIPTION, /\*Test.Description\*/

TEST.TS\_RESPONSIBLE, /\*Test.Designer\*/

TEST.TS\_USER\_04, /\*Test.Exclusive\*/

TEST.TS\_USER\_14, /\*Test.Feature\*/

TEST.TS\_USER\_03, /\*Test.For Version\*/

TEST.TS\_USER\_09, /\*Test.Interfaces with O/S\*/

TEST.TS\_STATUS, /\*Test.Status\*/

TEST.TS\_USER\_02, /\*Test.Suitable for Citrix\*/

TEST.TS\_USER\_05, /\*Test.Test Category\*/

TEST.TS\_TEST\_ID, /\*Test.Test ID\*/

TEST.TS\_NAME, /\*Test.Test Name\*/

TEST.TS\_USER\_08, /\*Test.Test Rating\*/

TEST.TS\_TYPE, /\*Test.Type\*/

DESSTEPS.DS\_STEP\_NAME, /\*Design Step.Step Name\*/

DESSTEPS.DS\_DESCRIPTION, /\*Design Step.Description\*/

DESSTEPS.DS\_EXPECTED, /\*Design Step.Expected Result\*/

TEST.TS\_SUBJECT /\*Test.Subject\*/

From Test,All\_Lists,DESSTEPS

WHERE

TEST.TS\_TEST\_ID = DESSTEPS.DS\_TEST\_ID and

All\_Lists.AL\_ITEM\_ID = Test.TS\_SUBJECT

Order By

TEST.TS\_TEST\_ID, DESSTEPS.DS\_STEP\_ORDER

Select

ALL\_LISTS.AL\_DESCRIPTION, /\* Level3 Folder Name \*/

TEST.TS\_CREATION\_DATE, /\*Test.Creation Date\*/

TEST.TS\_DESCRIPTION, /\*Test.Description\*/

TEST.TS\_STATUS, /\*Test.Status\*/

TEST.TS\_TEST\_ID, /\*Test.Test ID\*/

TEST.TS\_NAME, /\*Test.Test Name\*/

TEST.TS\_TYPE, /\*Test.Type\*/

TEST.TS\_SUBJECT /\*Test.Subject\*/

From Test,All\_Lists

WHERE

All\_Lists.AL\_ITEM\_ID = Test.TS\_SUBJECT

Order By

TEST.TS\_TEST\_ID