Rally Ruby REST API Configuration Guide
And move_test_cases.rb script usage

Introduction

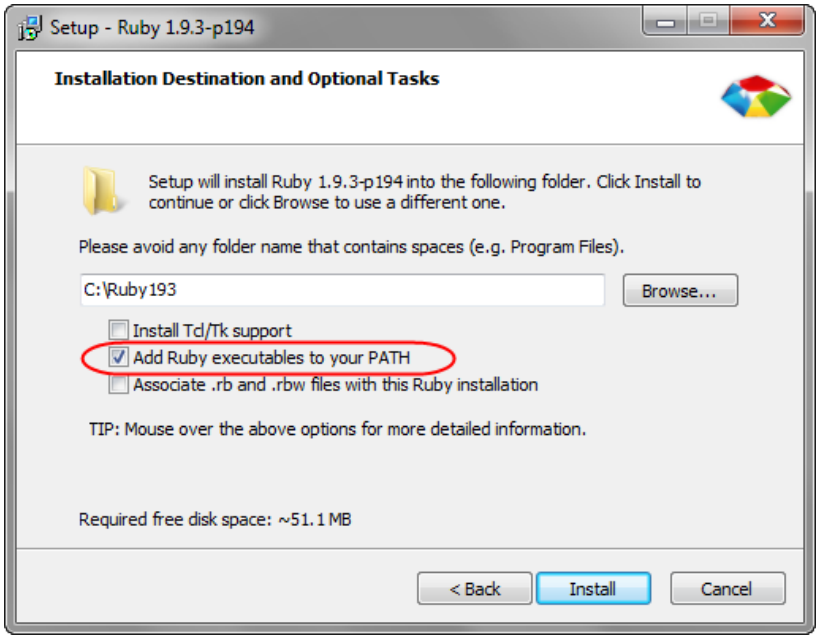
The Rally REST API tool is built on a Ruby interface to the Rally REST web service API. This script is *not officially supported* and is *used at your own risk.*

This document is composed of the following sections:

1. Installing Ruby on Windows

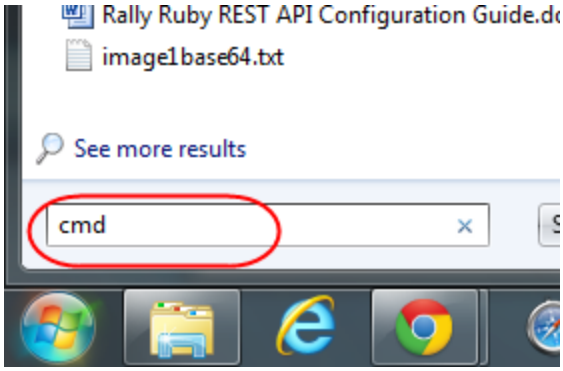
Install the Ruby 1.9.3 (preferable) Runtime Environment: http://rubyinstaller.org/downloads/

1. During installation, please make sure to add the Ruby executable to your Path:

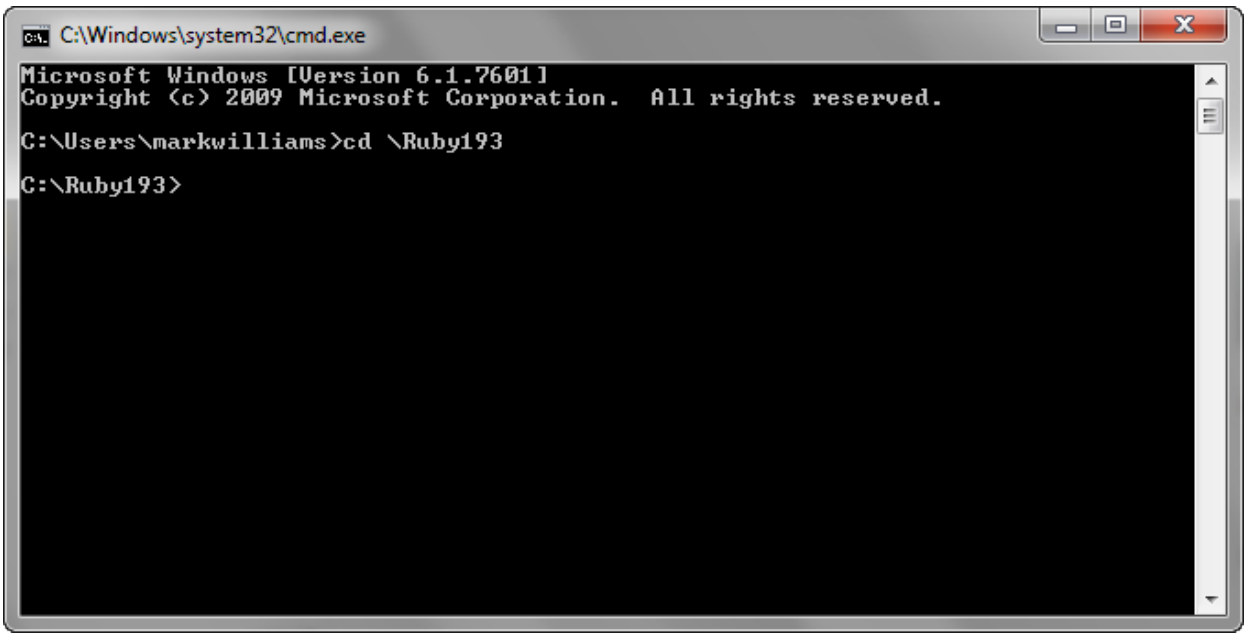


2. Open a command prompt window and go to the ruby directory that was created. In this example, Ruby was installed into C:\Ruby193:

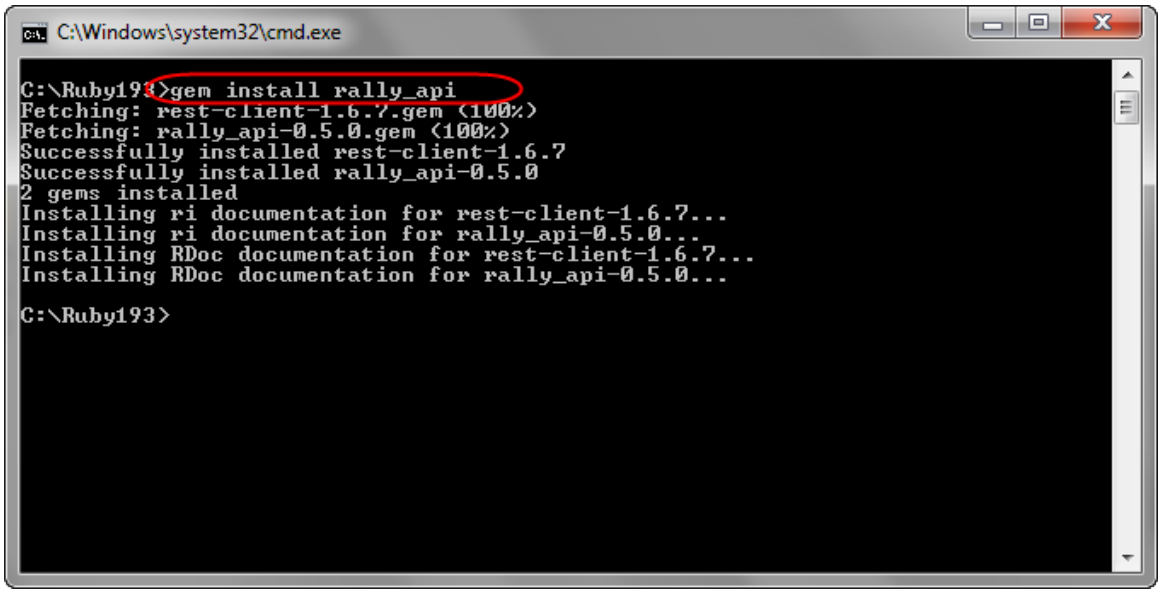
    a. Click on your “Start” button, then enter cmd into the search dialog and hit Enter.



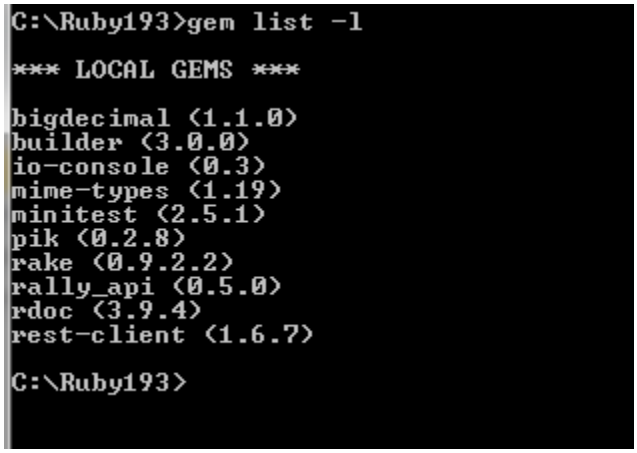
3. The Command prompt window appears. Navigate to where you installed Ruby:



4. Install the rally_api gem. This will also install its dependent gems.



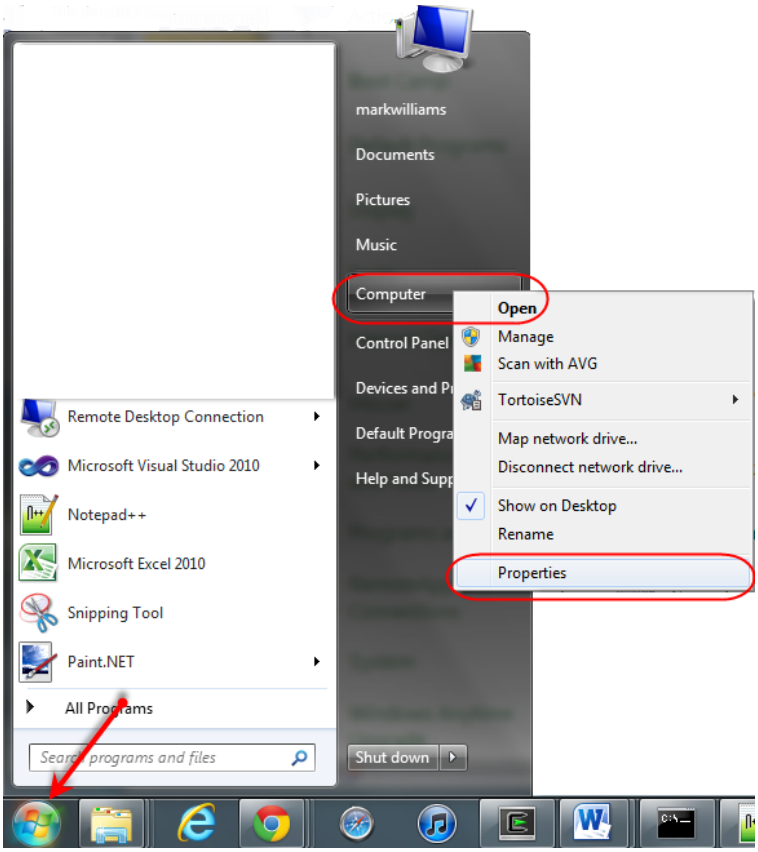
5. When finished, you can verify all RubyGems installed by typing "**`gem list -l`**":



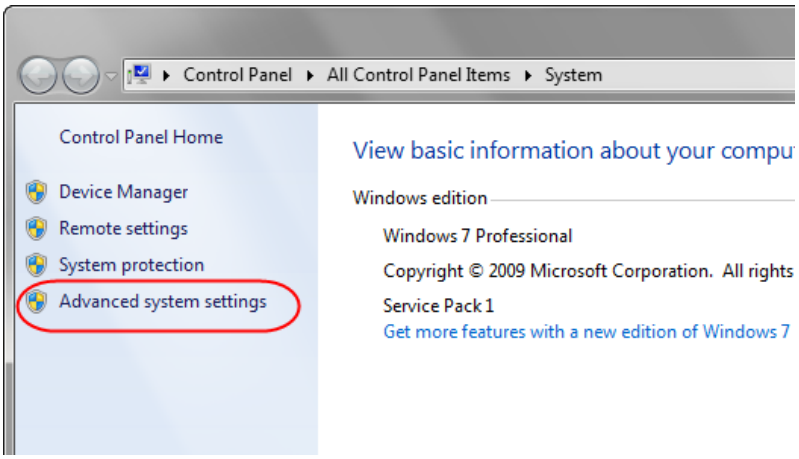
2. Configuring a Proxy Server

1. If your company is behind a firewall or a proxy server, you may need to take additional steps in order to run Rally ruby scripting tools. To access the internet via a proxy-server using Windows, go to:

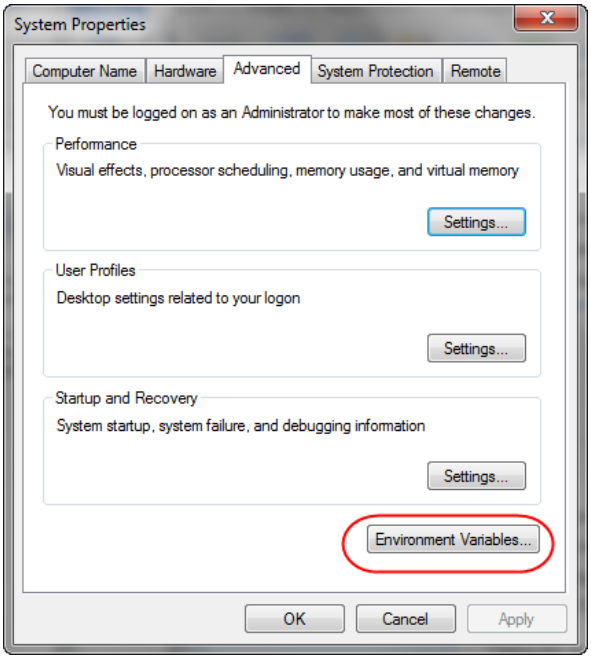
   Start -> Computer (Right Click) -> Properties:



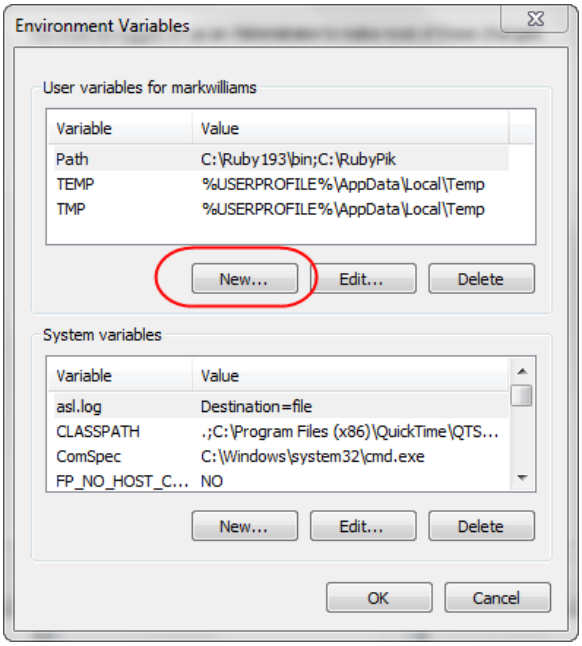
2. Advanced System Settings:



3. Environment Variables:



4. Use the New button to create a new environment variable:

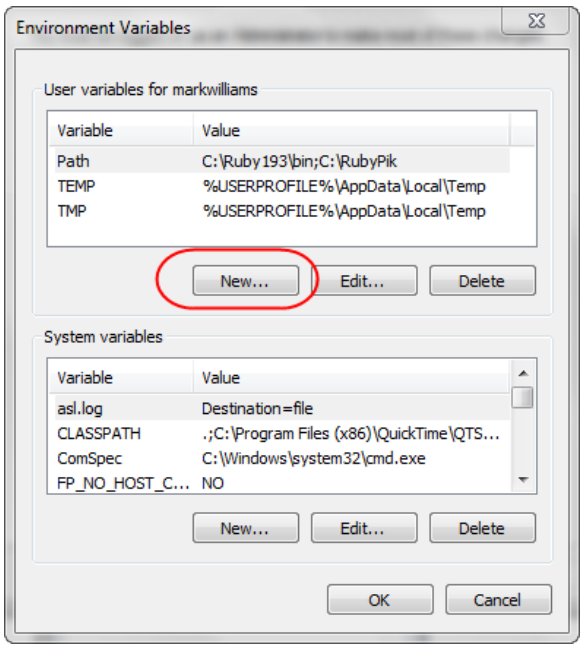


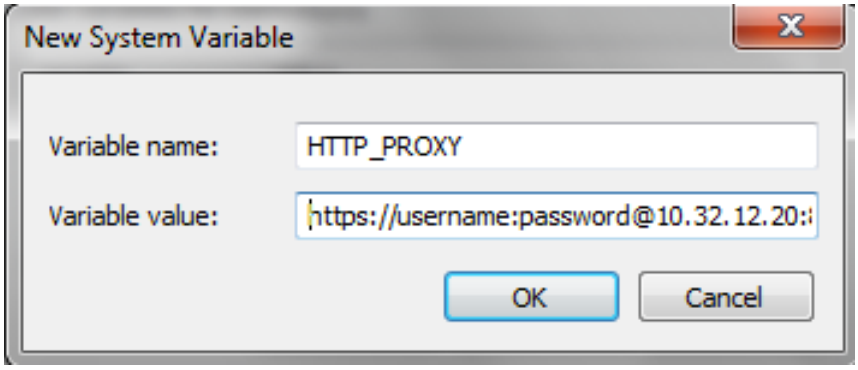
5. Create the following environment variables:

- **HTTP_PROXY**
- **HTTPS_PROXY**
- **FTP_PROXY**

The value for each of the 3 variables is *usually* the same and of the general format:
http://[name:password@]ipaddress:port/

6. Let's create HTTP_PROXY as an example:



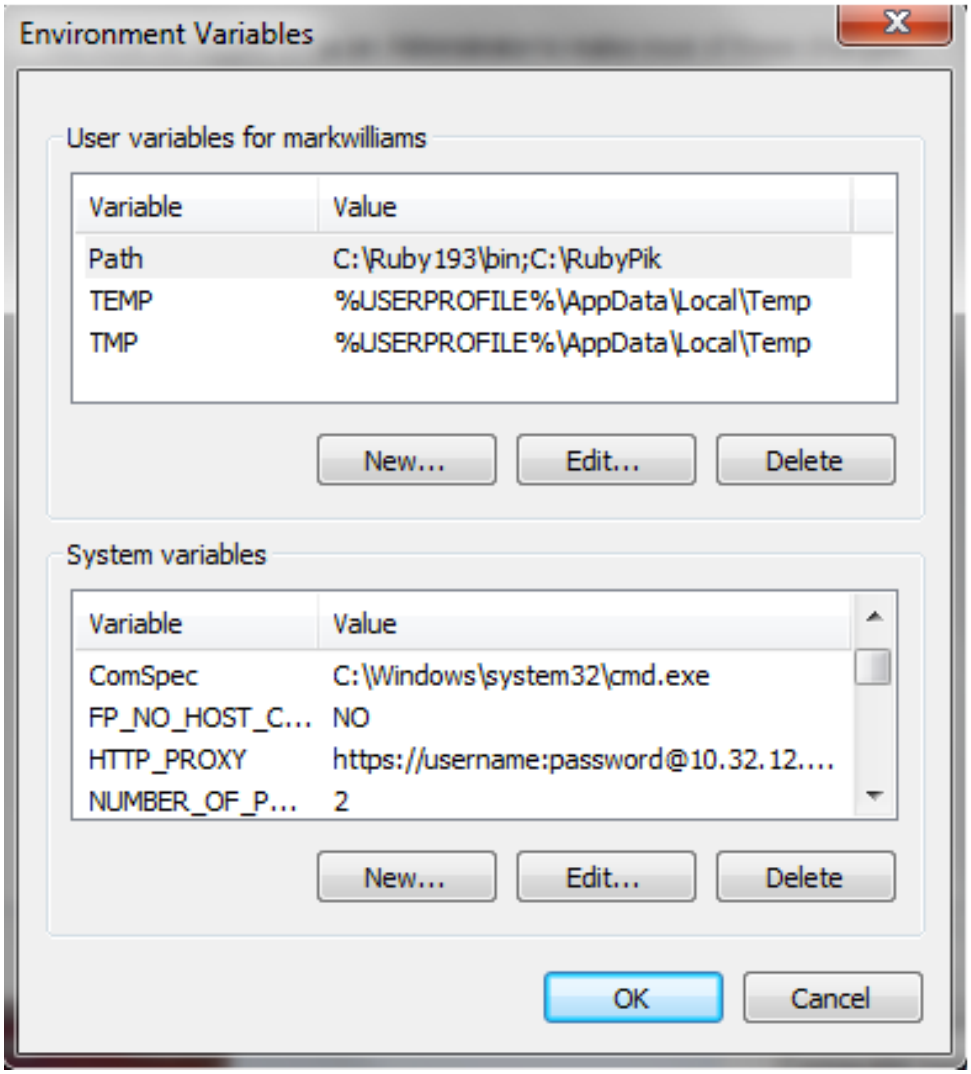


In this example we entered:

Variable name: HTTP_PROXY
Variable value: https://username:password@10.32.12.20:8080

The actual values of username, password, and the proxy server address:port (10.32.12.20:8080) are going to vary according to your environment. You may need to check with your IT department concerning the appropriate information.

Completed Environment Variable Entry:



7. Note that you will have to open a ***New Command Prompt window*** after creating any environment variables in order for them to take effect in the Command prompt.

3. Configuring and Using the Change Usernames Script

1. Create directory for script and associated files:

   C:\Users\username\Documents\Rally Move Test Cases\

2. Download the move_test_cases.rb script and the move_test_cases.csv file to the above directory

3. Create your Test Case to (new target) Test Folder mapping file. The Test Cases can reside in any Source Test Folder within the Rally Workspace, and the Target Test Folder may be any existing Test Folder within the Rally Workspace. It must be a plain text CSV file with the following format:

```
Test Case FormattedID,Test Case Name, Target Test Folder FormattedID,
Target Test Folder Name
TC327,TC07-012-006,TF11,Couloir Wind Raster Load Tests
```

4. The Test Case Name and Target Test Folder Name Columns are ignored by the script, but are present for the User's visual convenience when creating the mapping file in Excel. You can leave these columns blank, however, the CSV file must be a four-column file with the Test Case Formatted ID in Column 1 and the Target Test Folder Formatted ID in Column 3 in order for the script to function correctly. I.E. a valid CSV file format with blank entries for Test Case Name and Test Folder Name would look like the following:

```
Test Case FormattedID,Test Case Name, Target Test Folder FormattedID,
Target Test Folder Name
TC327,,TF11,
```

5. The script will move the Test Case with the Formatted ID matching that in the first comma-separated column, to the Test Folder with Formatted ID matching that in the third comma-separated column. If the script lookup against Rally for either the Test Case or Target Test Folder fails to find the object of interest in Rally, it will skip that row and move on.

6. Using a text editor, customize the code parameters in the my_vars.rb file for your environment. ***Note:*** The credentials used in this script must belong to a Subscription Administrator in order to have the appropriate level of permissions to make these changes.

```
my_vars.rb:
===========

$my_base_url       = "https://rally1.rallydev.com/slm"
$my_username       = "user@company.com"
$my_password       = "password"
$my_workspace      = "My Workspace"
$my_project        = "My Project"
$wsapi_version     = "1.38"
$filename          = 'move_test_cases.csv'
```

7. Run the script. If the Target Test Folder(s) are all in the same Project, the output will look like the following:

```
C:\> ruby move_test_cases.rb
Test Case TC327 successfully moved to TF8
Test Case TC328 successfully moved to TF8
Test Case TC329 successfully moved to TF8
Test Case TC330 successfully moved to TF8
Test Case TC331 successfully moved to TF8
Test Case TC332 successfully moved to TF8
Test Case TC333 successfully moved to TF8
Test Case TC334 successfully moved to TF8
```

```
Test Case TC335 successfully moved to TF8
Test Case TC336 successfully moved to TF8
Test Case TC337 successfully moved to TF8
Test Case TC338 successfully moved to TF8
```

If the Target Test Folder(s) are in different Project(s), the output will look like the following:

```
Test Case TC327 successfully dissociated from: TF11
Test Case TC327 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC327 successfully moved to TF11
Test Case TC328 successfully dissociated from: TF11
Test Case TC328 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC328 successfully moved to TF11
Test Case TC329 successfully dissociated from: TF11
Test Case TC329 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC329 successfully moved to TF11
Test Case TC330 successfully dissociated from: TF11
Test Case TC330 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC330 successfully moved to TF11
Test Case TC331 successfully dissociated from: TF11
Test Case TC331 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC331 successfully moved to TF11
Test Case TC332 successfully dissociated from: TF11
Test Case TC332 successfully assigned to Project: Couloir Chute Mapping:
Heli-Ski
Test Case TC332 successfully moved to TF11
Test Case TC333 successfully dissociated from: TF11
Test Case TC333 successfully assigned to Project: Couloir Chute Mapping:

Etc….
```

Please Note: This will update the Test Folder for ALL TEST CASES listed in the `move_test_cases.csv` file. Please be CAUTIOUS WHEN USING THIS SCRIPT. We recommend testing any critical changes in a sandbox environment first, before running against a production server!