Rally Ruby REST API Configuration Guide and rally_test_folder_deep_move.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.*
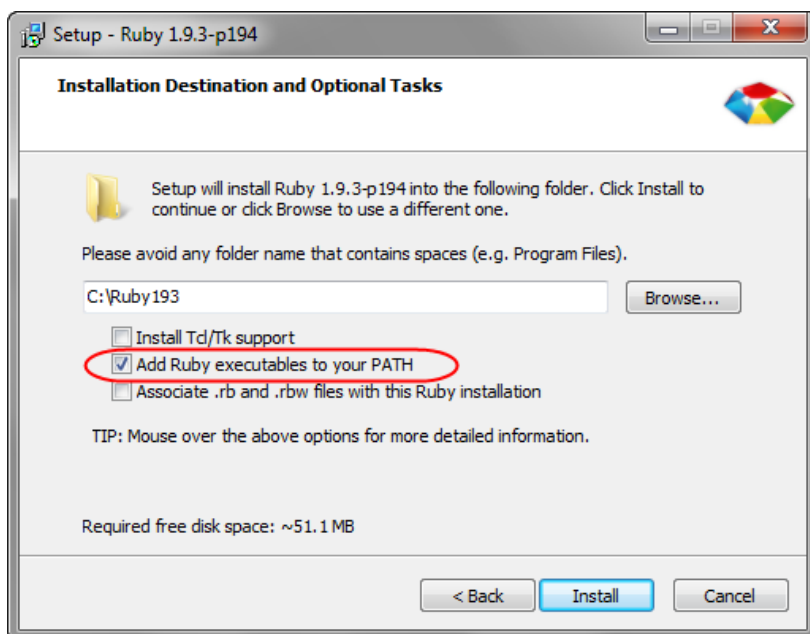
This document is composed of the following sections:

1. Installing Ruby on Windows

Install the Ruby 1.9.3 (preferable) Runtime Environment: http://rubyinstaller.org/downloads/
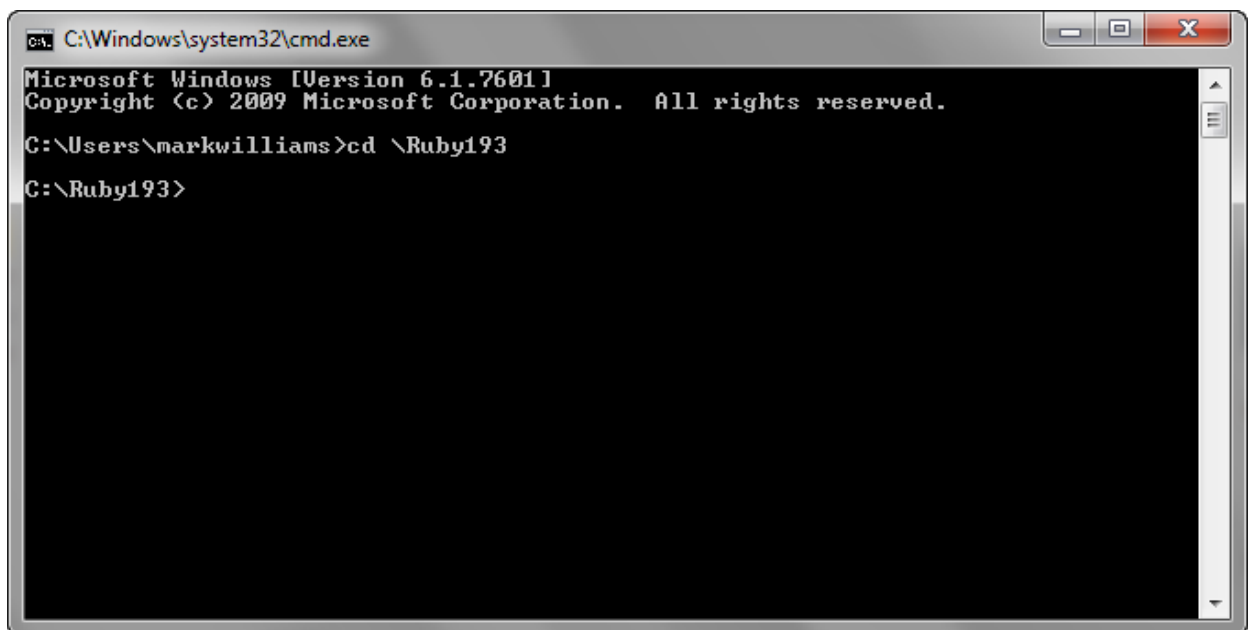
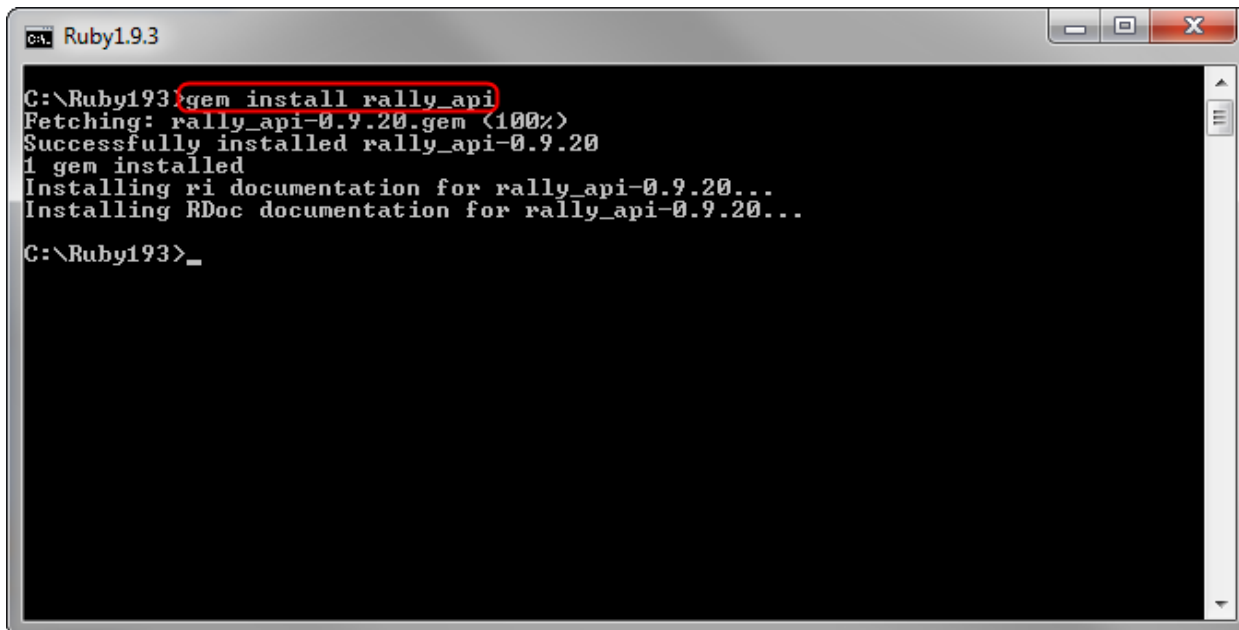1. During installation, please make sure to add the Ruby executable to your Path:

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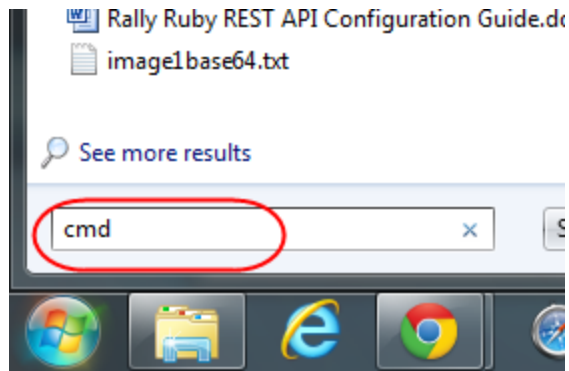
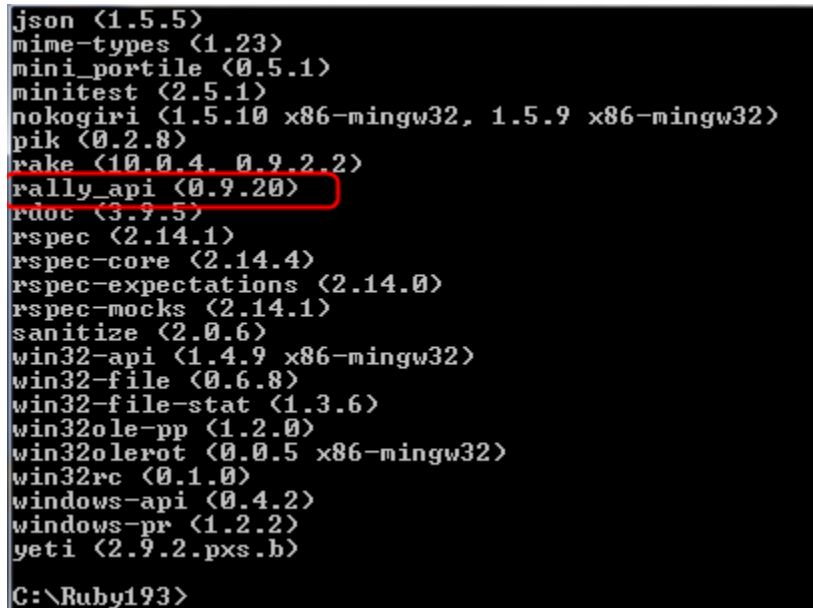3. The Command prompt window appears. Navigate to where you installed Ruby:

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:
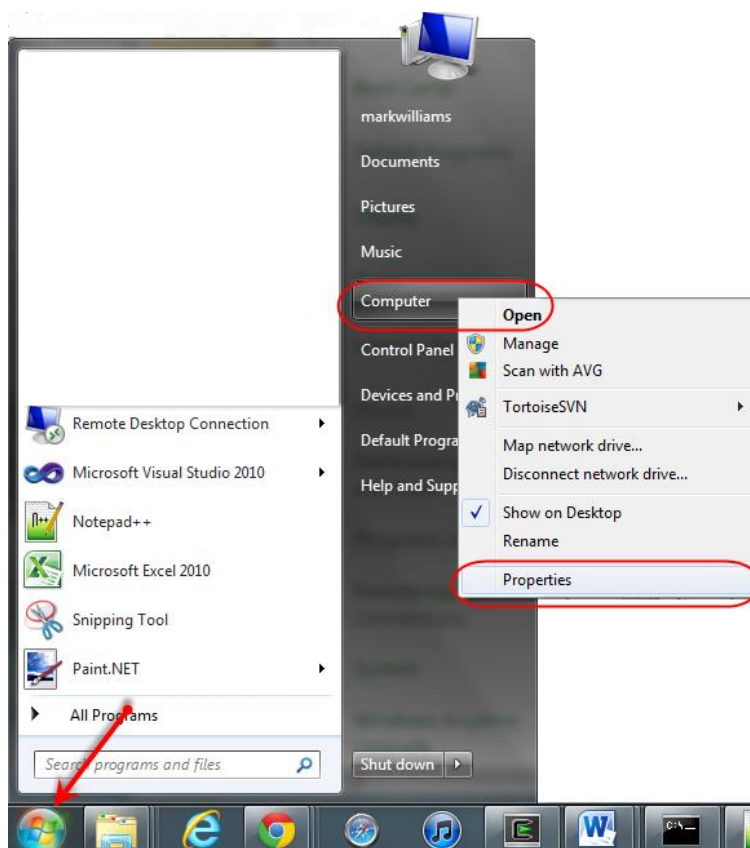
2. Advanced System Settings:
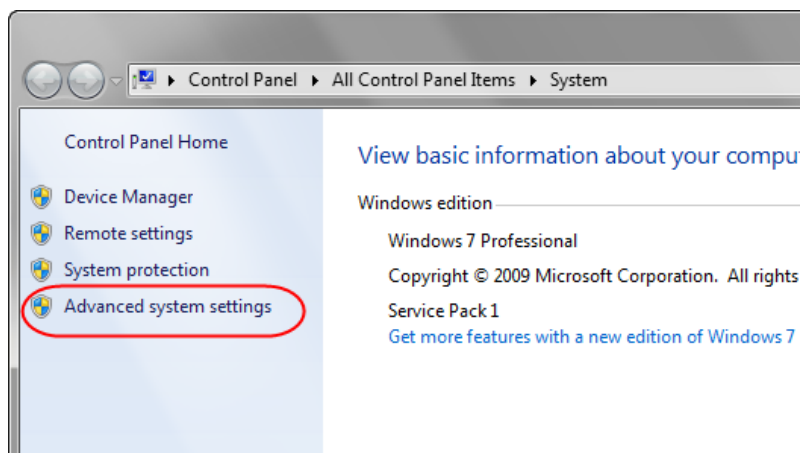
3. Environment Variables:
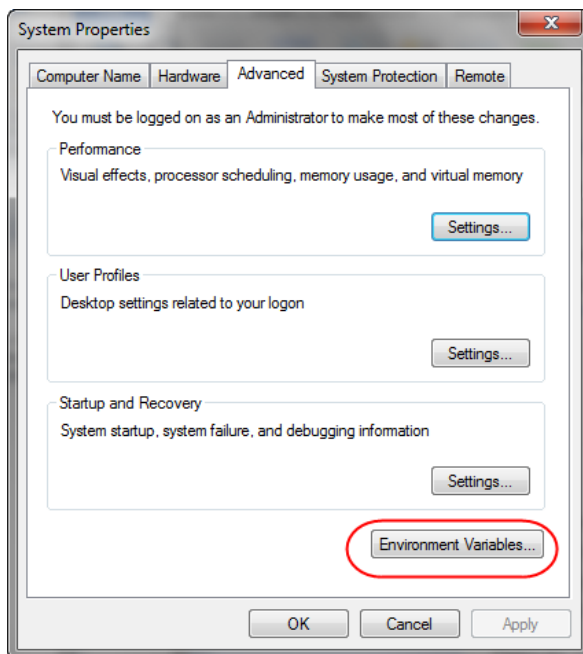
4. Use the New button to create a new environment variable:
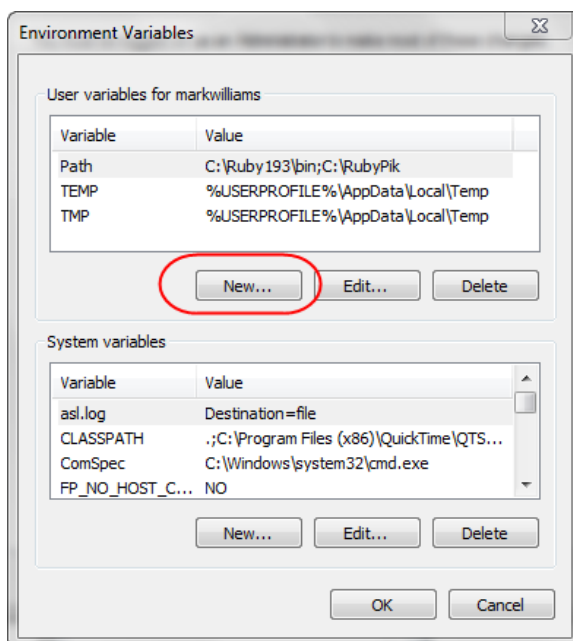
5. Create the following environment variables:

   - **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. Create HTTP_PROXY as an example:
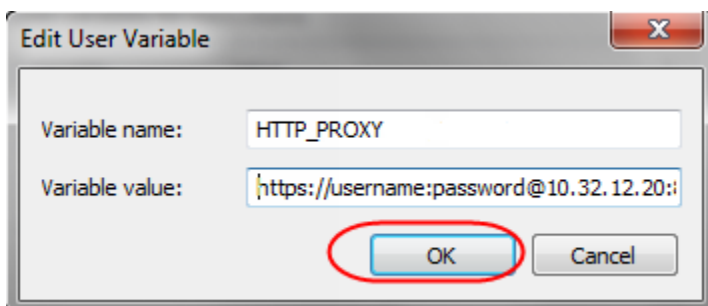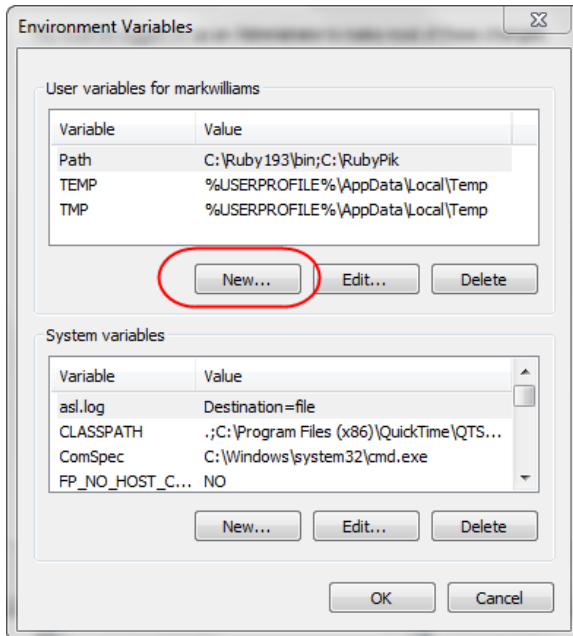
In this example you entered:

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.

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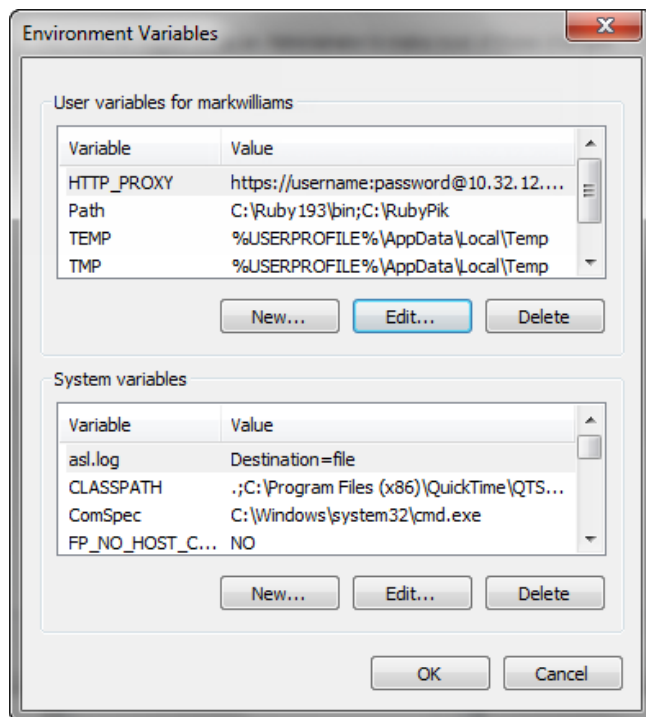
Note that you will have to open a **New Command Prompt window** after creating any environment variables in order for them to take effect in the Command prompt.

3. Configuring and Using the Rally Test Folder Deep Move script

1. Create directory for script and associated files:

    C:\Users\username\Documents\Rally Test Folder Deep Move\

2. Download the script repository from Github using the "Download ZIP" button:

This repository | Search or type a command | Explore Gist Blog Help | markwilliams970

markwilliams970 / **Rally-TestFolder-DeepMove**

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branch: master   **Rally-TestFolder-DeepMove** /

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Ruby script to move a Rally Test Folder hierarchy to a different Rall...

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Settings

README.md | Ruby script to move a Rally Test Folder hierarchy to a different Rall... | 21 minutes ago
my_vars.rb | Ruby script to move a Rally Test Folder hierarchy to a different Rall... | 22 minutes ago
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Rally-TestFolder-DeepMove

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User-specific environment variables file

Markwilliams authored 6 minutes ago   latest commit 0e0188a466

Settings

README.md | Initial commit | 3 hours ago
add_test_cases_to_testset.csv | Sample CSV file listing Test Case and Test Set Formatted ID's for upd... | 7 minutes ago
add_test_cases_to_testset.rb | Ruby script to bulk add Test Cases to Test Sets of interest. | 8 minutes ago
my_vars.rb | User-specific environment variables file | 6 minutes ago

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Subversion, and other methods.

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README.md

Rally-Add-TestCases-TestSet

3. Using a text editor, customize the code parameters in the my_vars.rb file for your environment.

```
my_vars.rb:

$my_base_url                   = "https://rally1.rallydev.com/slm"
$my_username                   = "user@company.com"
$my_password                   = "topsecret"
$wsapi_version                 = "1.40"
$my_workspace                  = "My Workspace"
$my_project                    = "My Project 1"

# Target project: (can be same as source)
$target_project_name           = "My Project 2"

# Source Test Folder
$source_test_folder_formatted_id = "TF5"
```

4. ***Note:*** The script does *not* delete the Test Folder containers themselves from the Source Project. The Test Cases will be moved into a new Test Folder hierarchy in the Target Project. The Source Test Folders will remain in the Source Project, but they will be empty.

Run the script:

```
C:\> ruby test_folder_deep_move.rb
Created new top-level Test Folder: TF59: (Copy 1 of) Slope & Aspect Test
Folders
Created new child Test Folder: TF60: Slope Grid Test Cases
Source Project Name: Couloir Chute Mapping: Heli-Ski
Target Project Name: Avalanche Hazard Mapping
Test Case TC520 successfully dissociated from: TF51
Test Case TC520 successfully assigned to Project: Avalanche Hazard Mapping
Test Case TC520 successfully moved to TF60
Source Project Name: Couloir Chute Mapping: Heli-Ski
Target Project Name: Avalanche Hazard Mapping
Test Case TC521 successfully dissociated from: TF51
Test Case TC521 successfully assigned to Project: Avalanche Hazard Mapping
Test Case TC521 successfully moved to TF60
Source Project Name: Couloir Chute Mapping: Heli-Ski
Target Project Name: Avalanche Hazard Mapping
Test Case TC522 successfully dissociated from: TF51
Test Case TC522 successfully assigned to Project: Avalanche Hazard Mapping
Test Case TC522 successfully moved to TF60
Source Project Name: Couloir Chute Mapping: Heli-Ski
Target Project Name: Avalanche Hazard Mapping
Test Case TC523 successfully dissociated from: TF51
Test Case TC523 successfully assigned to Project: Avalanche Hazard Mapping
```

```
Test Case TC523 successfully moved to TF60
Source Project Name: Couloir Chute Mapping: Heli-Ski
Target Project Name: Avalanche Hazard Mapping
Test Case TC524 successfully dissociated from: TF51
Test Case TC524 successfully assigned to Project: Avalanche Hazard Mapping
Finished!
```

5. ***Caution:*** This will move ALL Test Cases with the Test Folder hierarchy noted in this script. Please be CAUTIOUS WHEN USING THIS SCRIPT, and double-check your work before running it.