**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](#Section3)
2. [Proxy Setup](#Section5)
3. [Configuring](#Section8) and Running the Rally Test Folder Deep Move script
4. **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:



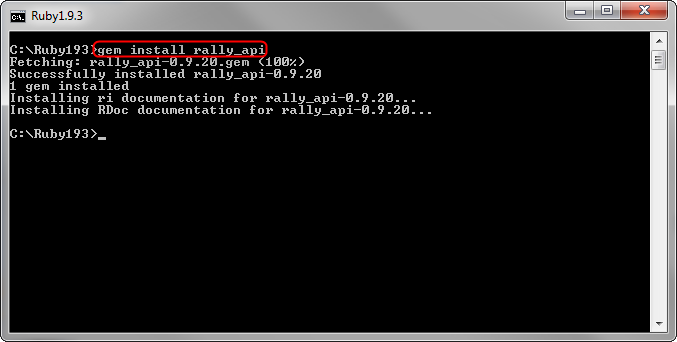
1. Open a command prompt window and go to the ruby directory that was created. In this example, Ruby was installed into C:\Ruby193:
   1. Click on your “Start” button, then enter cmd into the search dialog and hit Enter.



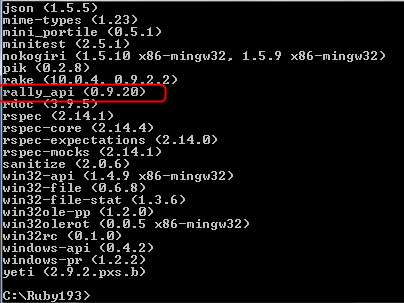
1. The Command prompt window appears. Navigate to where you installed Ruby:



1. Install the rally\_api gem. This will also install its dependent gems.



1. When finished, you can verify all RubyGems installed by typing “**gem list –l”:**



1. **Configuring a Proxy Server**
2. 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:



1. Advanced System Settings:



1. Environment Variables:  
     
   
2. Use the New button to create a new environment variable:



1. 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/>

1. 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>

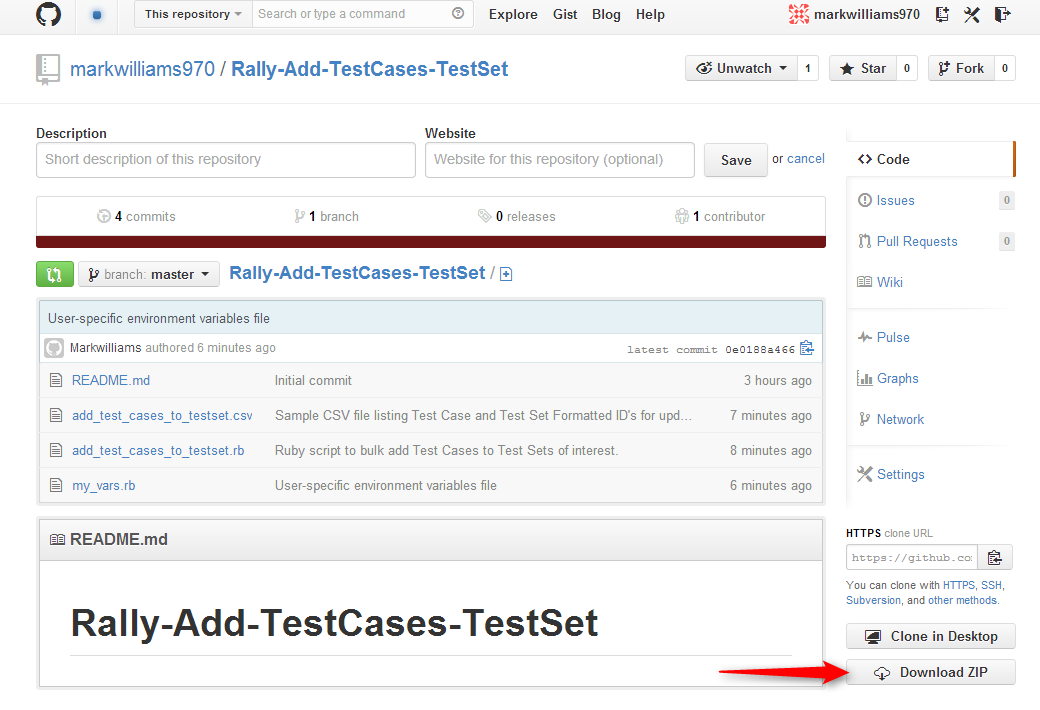
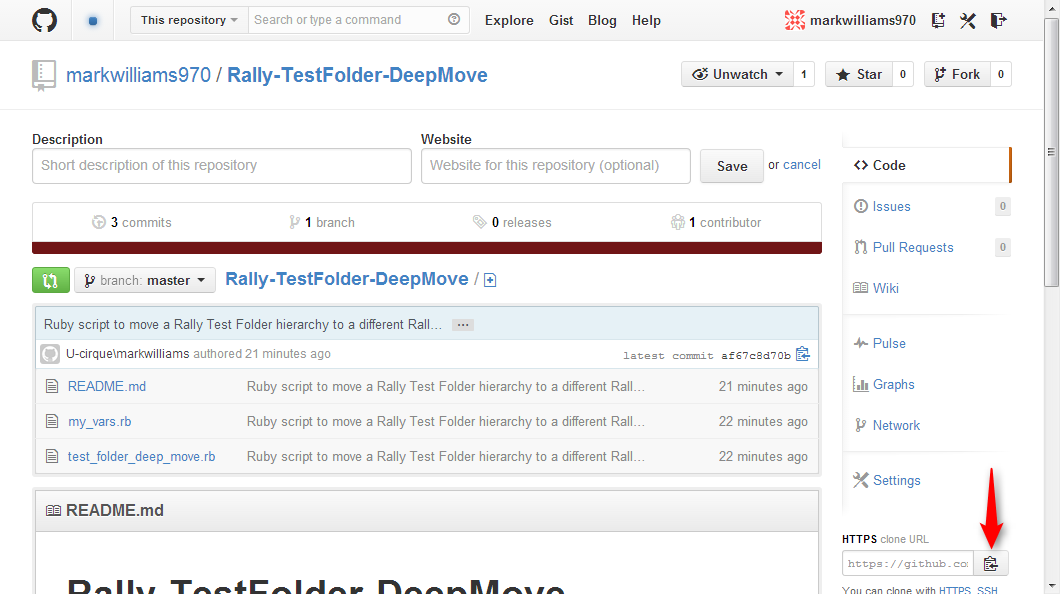
The actual values of username, password, and the proxy server address:port (10.32.12.20:8080) are going to vary according to your environment. You may need to check with your IT department concerning the appropriate information.

1. 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.

1. **Configuring and Using the Rally Test Folder Deep Move script**
2. Create directory for script and associated files:  
     
   C:\Users\username\Documents\Rally Test Folder Deep Move\
3. Download the script repository from Github using the “Download ZIP” button:



1. 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"

1. ***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!

1. ***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.