**Rally Ruby REST API Configuration Guide**

**and export\_test\_set.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 Export Test Set 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:



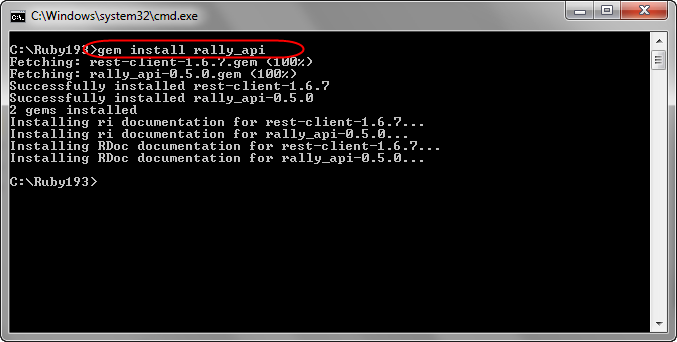
1. Open a command prompt window and go to the ruby directory that was created. In this example, Ruby was installed into C:\Ruby193:
   1. Click on your “Start” button, then enter cmd into the search dialog and hit Enter.



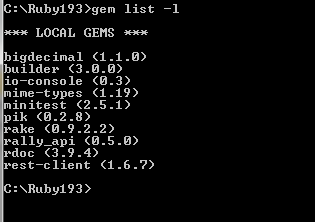
1. The Command prompt window appears. Navigate to where you installed Ruby:



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:

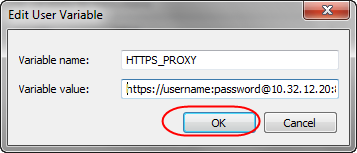


1. Create the following environment variables:  
   * **HTTP\_PROXY**
   * **HTTPS\_PROXY**
   * **FTP\_PROXY**

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

1. Let’s create HTTPS\_PROXY as an example:





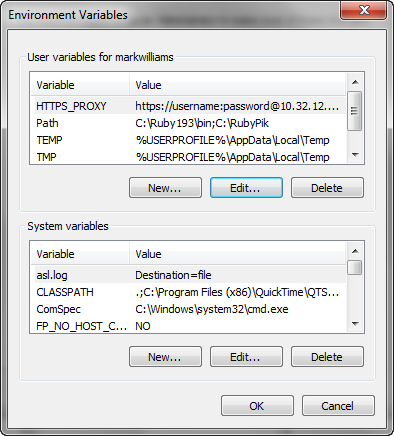
In this example we entered:

Variable name: HTTPS\_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:



1. 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.
2. **Configuring and Using the Export Test Set Script**
3. Create directory for script and associated files:  
     
   C:\Users\username\Documents\Rally Export Test Set\
4. Download the export\_test\_set.rb and the my\_vars.rb script bundle from Github repository to the above directory
5. Using a text editor, customize the code parameters in the my\_vars.rb file for your environment. ***Note:***The script defaults to using *tab-delimited* output. You can change this my adjusting the following variable:  
     
   $my\_delim = "\t"  
     
   TO:

$my\_delim = ","

my\_vars.rb:

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# Connection Parameters

$my\_base\_url = "https://rally1.rallydev.com/slm"

$my\_username = "user@company.com"

$my\_password = "topsecret"

$my\_page\_size = 200

$my\_limit = 50000

$my\_delim = "\t"

$wsapi\_version = "1.43"

# Workspace/project info

$my\_workspace = "My Workspace"

$my\_project = "My Project"

# Test Set Info

$my\_test\_set\_formatted\_id = "TS7"

# output

$my\_output\_file = "testset.txt"

1. Run the script.

C:\> ruby export\_test\_set.rb

Connecting to Rally.

Querying Rally for Test Set.

Fount Test Set: TS7. Looking for Test Cases.

Exporting test cases to file: testset.txt.

Total Test Cases to Export: 4

Test Case TC2: 1 of 4 exported.

Test Case TC3: 2 of 4 exported.

Test Case TC4: 3 of 4 exported.

Test Case TC5: 4 of 4 exported.

Done! Test Cases for Test Set: TS7 written to: testset.txt.

***Note:*** If you require import of fields/data that differ from the template in this example, you’ll need to customize the code to suit your needs.