

# Rally Ruby REST API Configuration Guide and copy\_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*.

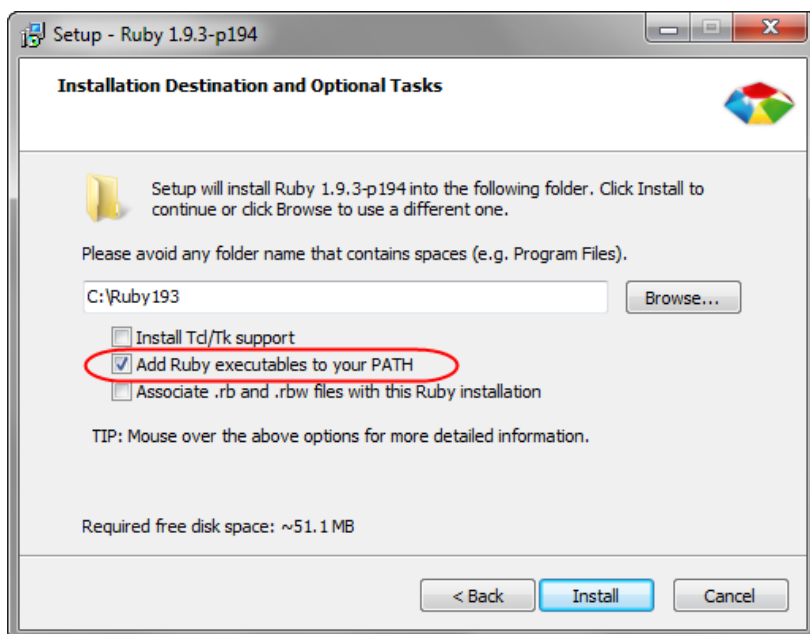
This document is composed of the following sections:

1. [Installing Ruby on Windows](#)
2. [Proxy Setup](#)
3. [Configuring and Running the Copy Test Cases script](#)

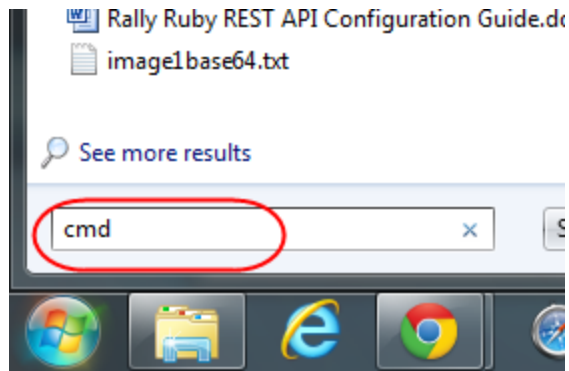
## 1. Installing Ruby on Windows

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

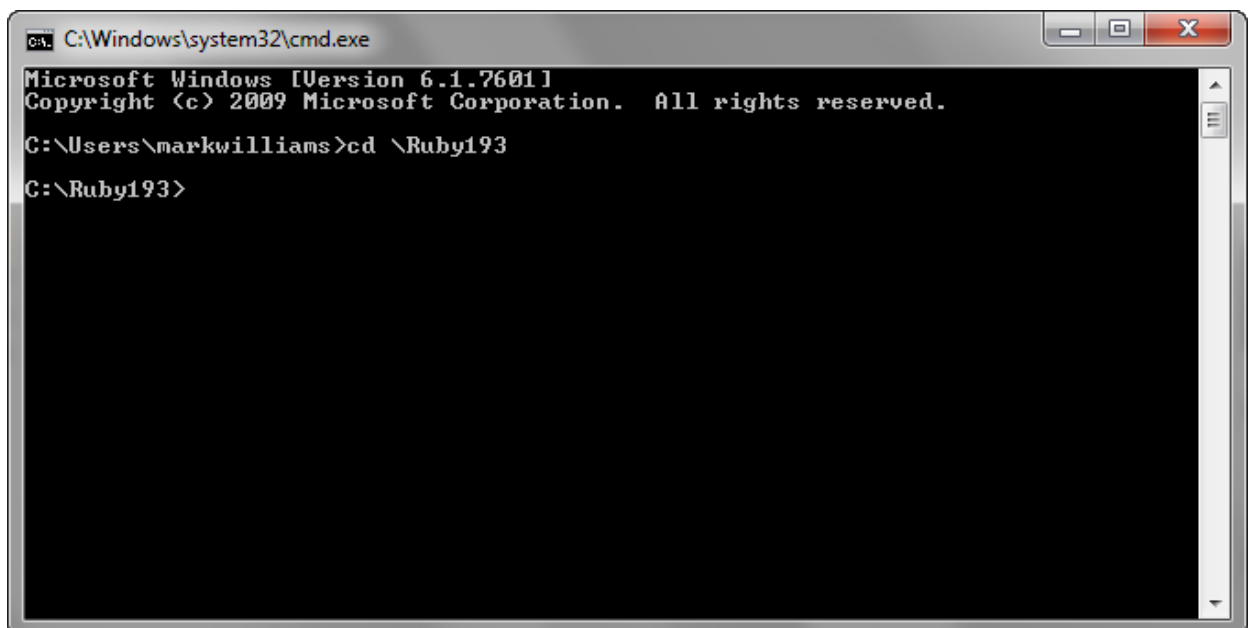
1. During installation, please make sure to add the Ruby executable to your Path:



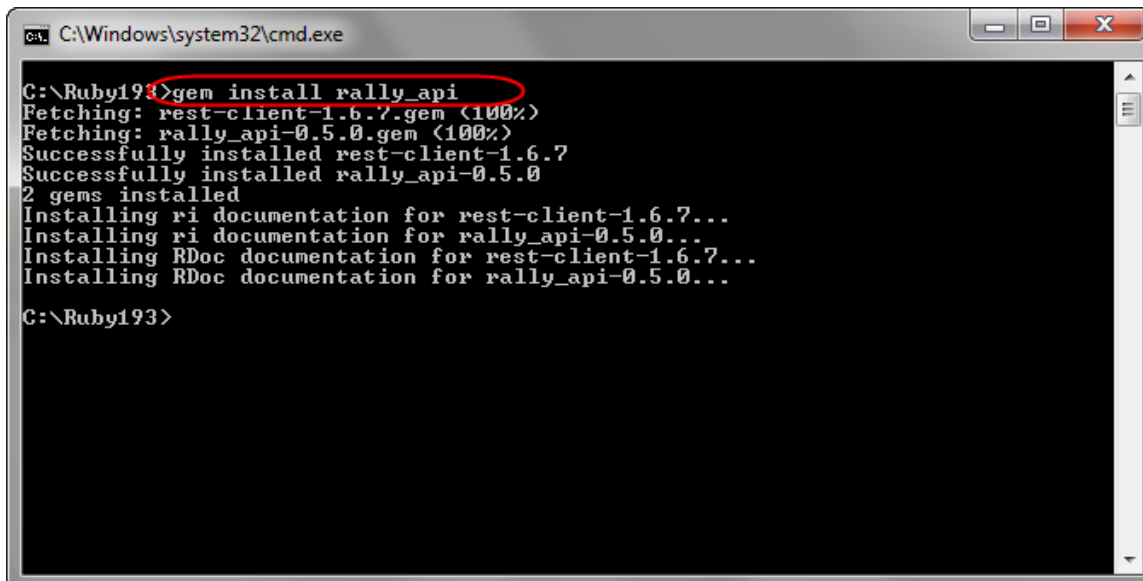
2. Open a command prompt window and go to the ruby directory that was created. In this example, Ruby was installed into C:\Ruby193:
  - a. Click on your "Start" button, then enter cmd into the search dialog and hit Enter.



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

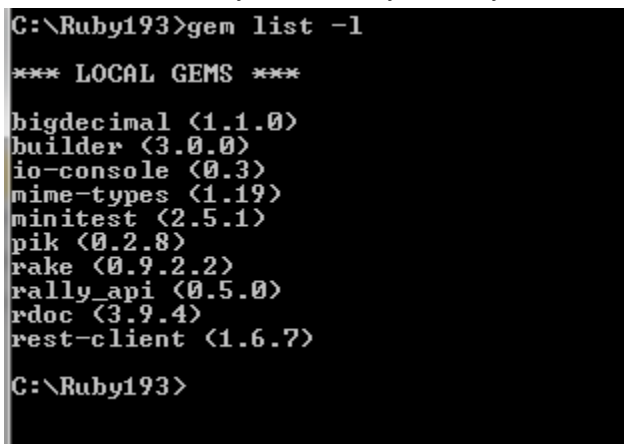


4. Install the rally\_api gem. This will also install its dependent gems.



```
C:\Windows\system32\cmd.exe
C:\Ruby193>gem install rally_api
Fetching: rest-client-1.6.7.gem (100%)
Fetching: rally_api-0.5.0.gem (100%)
Successfully installed rest-client-1.6.7
Successfully installed rally_api-0.5.0
2 gems installed
Installing ri documentation for rest-client-1.6.7...
Installing ri documentation for rally_api-0.5.0...
Installing RDoc documentation for rest-client-1.6.7...
Installing RDoc documentation for rally_api-0.5.0...
C:\Ruby193>
```

5. When finished, you can verify all RubyGems installed by typing “gem list -l”:



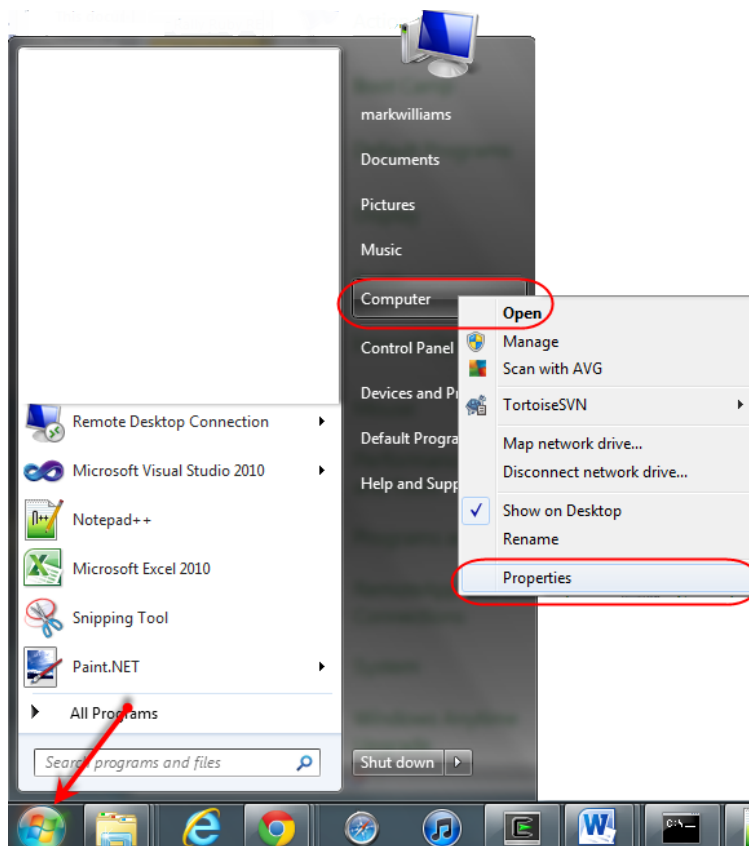
```
C:\Ruby193>gem list -l
*** LOCAL GEMS ***

bigdecimal (1.1.0)
builder (3.0.0)
io-console (0.3)
mime-types (1.19)
minitest (2.5.1)
pik (0.2.8)
rake (0.9.2.2)
rally_api (0.5.0)
rdoc (3.9.4)
rest-client (1.6.7)
C:\Ruby193>
```

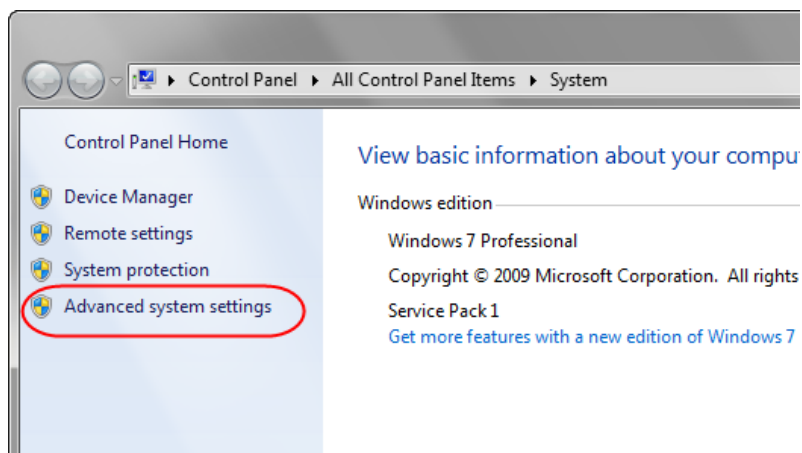
## 2. Configuring a Proxy Server

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:

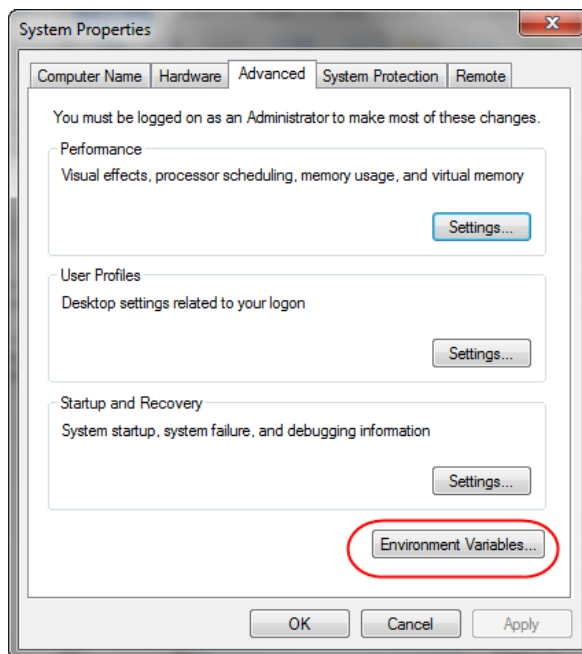
Start -> Computer (Right Click) -> Properties:



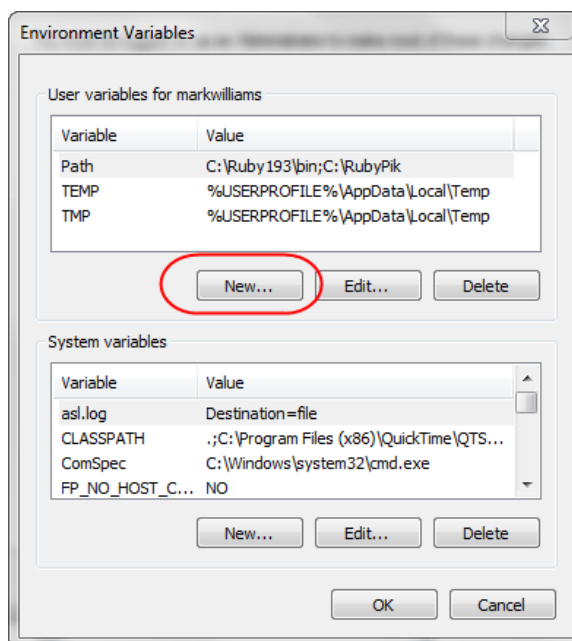
2. Advanced System Settings:



3. Environment Variables:



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

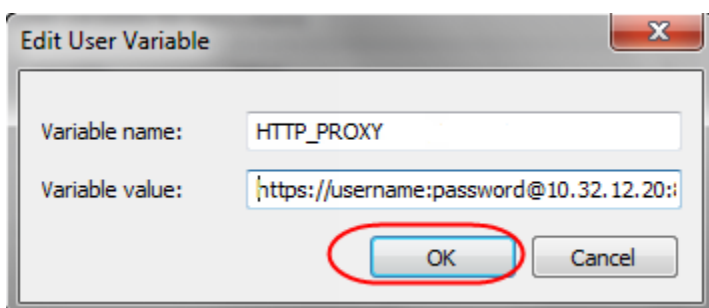
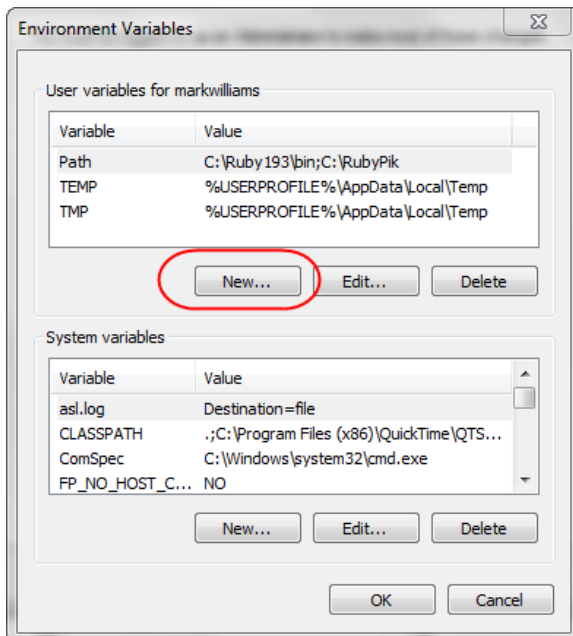


5. Create the following environment variables:

- **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/](http://[name:password@]ipaddress:port/)

6. Create HTTP\_PROXY as an example:



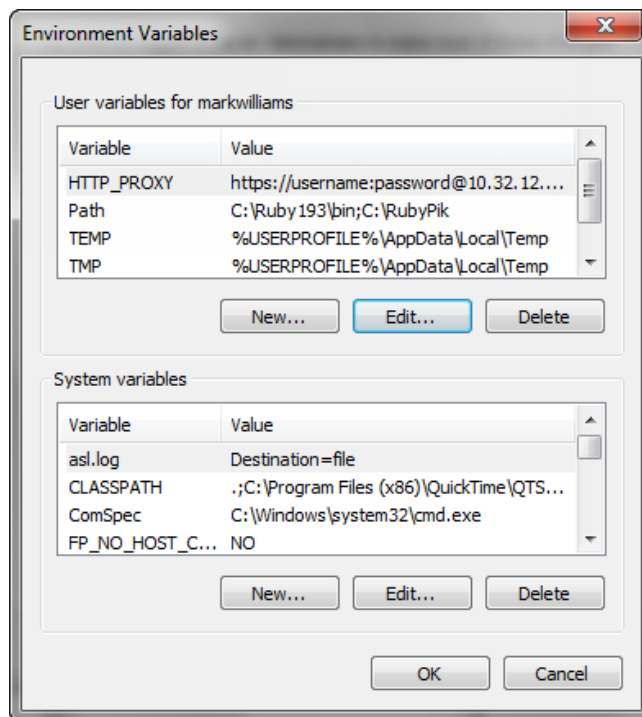
In this example you entered:

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 Copy Test Cases

1. Create directory for script and associated files:

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

2. Download the copy\_test\_cases.rb script and the copy\_test\_cases.csv file to the above directory

3. Create your Test Case file. It must be a plain text CSV file with a simple one-column format:

```
Test Case FormattedID
TC327
TC328
TC329
```

4. The script will make a copy of each Test Case listed in the CSV file. If the script lookup against Rally for Test Case Formatted ID in the first column fails to find the source Test Case, it will skip that row and move on.
5. 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"
$my_workspace          = "My Workspace"
$my_project            = "My Project"
$wsapi_version         = "1.40"
$filename              = "copy_test_cases.csv"
```

6. Run the script.

```
C:\> ruby copy_test_cases.rb
```

```
Test Case: TC327 successfully copied to TC470
Test Case: TC328 successfully copied to TC471
Test Case: TC329 successfully copied to TC472
```

**Please Note:** This will make copies of ALL Test Cases listed in the copy\_test\_cases.csv file.  
Please be CAUTIOUS WHEN USING THIS SCRIPT.