Ruby, Cucumber, Watir 和 rspec 教學
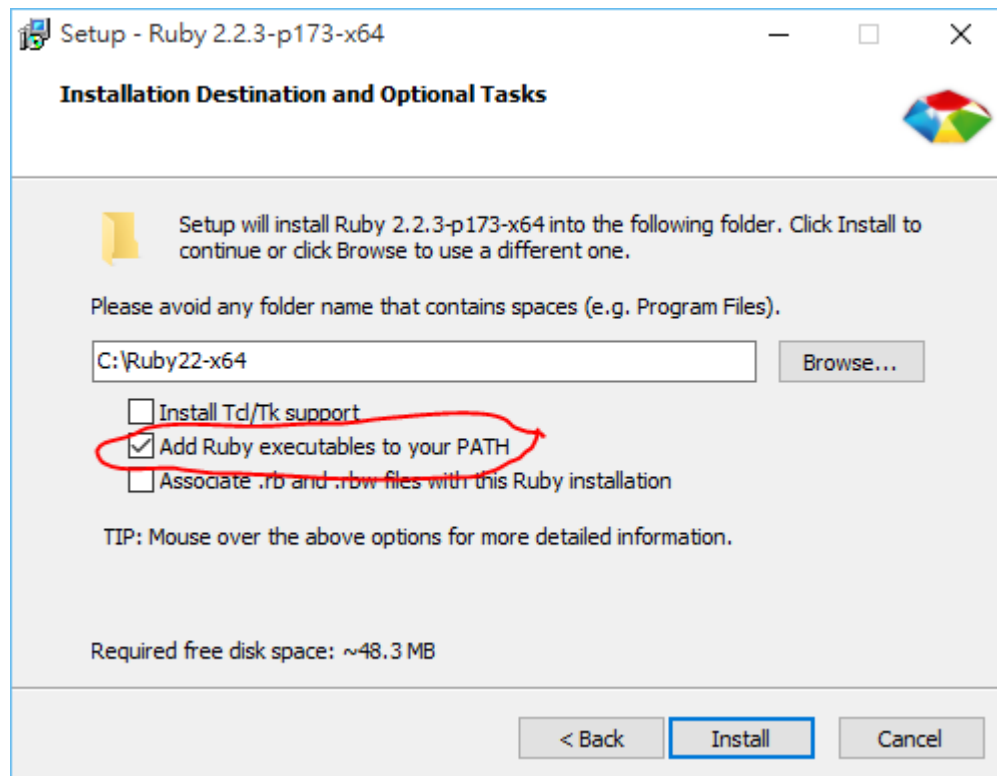
Windows 作業系統篇(其他作業系統請洽本人)

1. 下載 RubyInstaller 2.2.3
   http://rubyinstaller.org
2. 安裝
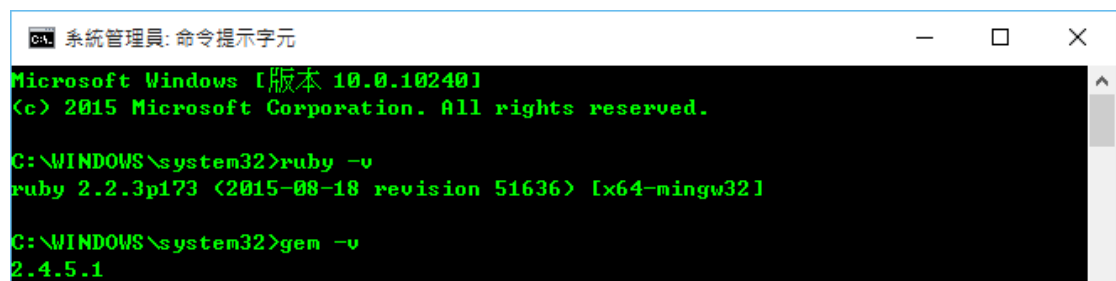   **!!!記得要選【把 Ruby 執行檔加入 PATH】的選項!!!**
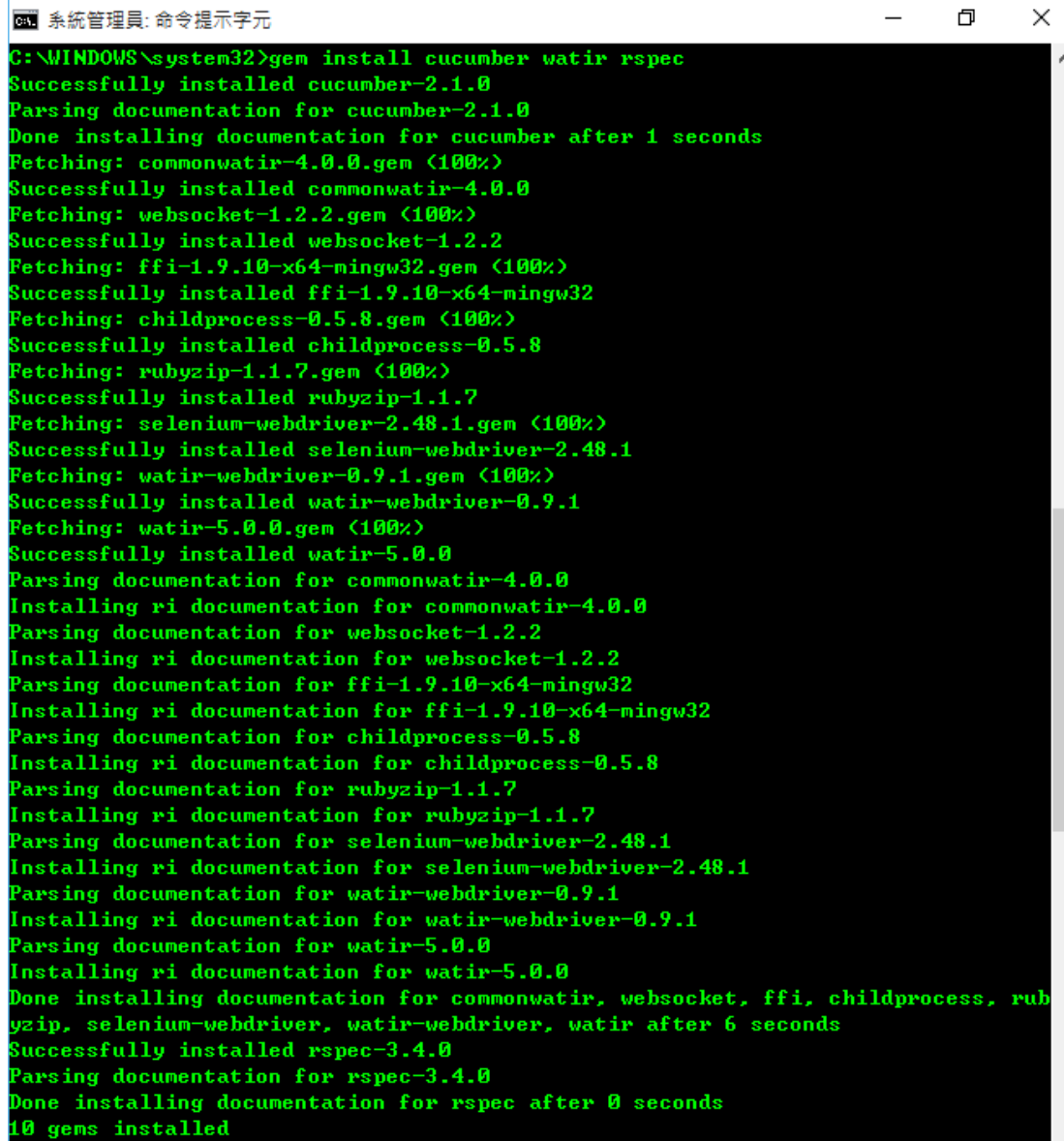

3. 打開 CMD，建議用系統管理員模式，輸入
   - ruby -v
   - gem -v

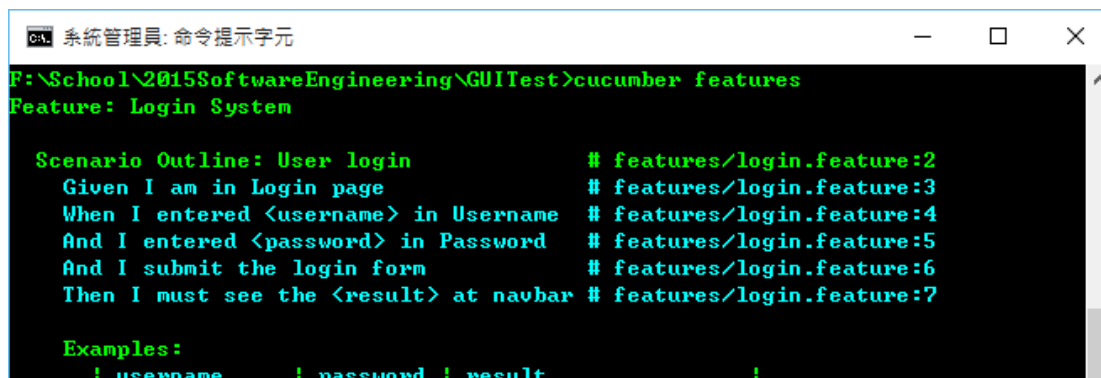   檢查是否安裝成功，有跳出版本號就算成功

4. 輸入 gem install cucumber watir rspec

```
C:\WINDOWS\system32>gem install cucumber watir rspec
Successfully installed cucumber-2.1.0
Parsing documentation for cucumber-2.1.0
Done installing documentation for cucumber after 1 seconds
Fetching: commonwatir-4.0.0.gem (100%)
Successfully installed commonwatir-4.0.0
Fetching: websocket-1.2.2.gem (100%)
Successfully installed websocket-1.2.2
Fetching: ffi-1.9.10-x64-mingw32.gem (100%)
Successfully installed ffi-1.9.10-x64-mingw32
Fetching: childprocess-0.5.8.gem (100%)
Successfully installed childprocess-0.5.8
Fetching: rubyzip-1.1.7.gem (100%)
Successfully installed rubyzip-1.1.7
Fetching: selenium-webdriver-2.48.1.gem (100%)
Successfully installed selenium-webdriver-2.48.1
Fetching: watir-webdriver-0.9.1.gem (100%)
Successfully installed watir-webdriver-0.9.1
Fetching: watir-5.0.0.gem (100%)
Successfully installed watir-5.0.0
Parsing documentation for commonwatir-4.0.0
Installing ri documentation for commonwatir-4.0.0
Parsing documentation for websocket-1.2.2
Installing ri documentation for websocket-1.2.2
Parsing documentation for ffi-1.9.10-x64-mingw32
Installing ri documentation for ffi-1.9.10-x64-mingw32
Parsing documentation for childprocess-0.5.8
Installing ri documentation for childprocess-0.5.8
Parsing documentation for rubyzip-1.1.7
Installing ri documentation for rubyzip-1.1.7
Parsing documentation for selenium-webdriver-2.48.1
Installing ri documentation for selenium-webdriver-2.48.1
Parsing documentation for watir-webdriver-0.9.1
Installing ri documentation for watir-webdriver-0.9.1
Parsing documentation for watir-5.0.0
Installing ri documentation for watir-5.0.0
Done installing documentation for commonwatir, websocket, ffi, childprocess, rub
yzip, selenium-webdriver, watir-webdriver, watir after 6 seconds
Successfully installed rspec-3.4.0
Parsing documentation for rspec-3.4.0
Done installing documentation for rspec after 0 seconds
10 gems installed
```

5. CMD 用 cd 進入 2015SoftwareEngineering\GUITest 資料夾，輸入
   ● cucumber features
   測試有沒有安裝完成(Firefox 和 Chrome(沒測試過)可以直接使用）

```
F:\School\2015SoftwareEngineering\GUITest>cucumber features
Feature: Login System

  Scenario Outline: User login                  # features/login.feature:2
    Given I am in Login page                    # features/login.feature:3
    When I entered <username> in Username       # features/login.feature:4
    And I entered <password> in Password        # features/login.feature:5
    And I submit the login form                 # features/login.feature:6
    Then I must see the <result> at navbar      # features/login.feature:7

    Examples:
      | username    | password | result              |
```