**Installing Ruby:**

Check to see if Ruby is installed

Open command prompt and type ruby -v

>**ruby -v**

'ruby' is not recognized as an internal or external command, operable program or batch file.

If Ruby is not installed go and download Ruby file from [*rubyinstaller.org/downloads*](http://rubyinstaller.org/downloads).

Execute the file. The file that needs to be installed is ruby 1.9.3p0

Leave all settings at the default values, except at the “*Installation Destination and Optional Tasks screen*”:

Check both “*Add Ruby executables to your PATH*” and “*Associate .rb and .rbw files with this Ruby installation*” checkboxes.

Verify that ruby is installed:

Open another command prompt and run: ruby -v

>**ruby -v**

ruby 1.9.3p0 (2011-10-30) [i386-mingw32]

**Installing RubyGems:**

Check to see what the [latest version](http://rubyforge.org/frs/?group_id=126) of RubyGems is supported.

Check the version of RubyGems on the local box: gem –v

>**gem –v**

If the version is not up to date with what the latest version is, update with the following commands:

>**gem update --system**

(...) RubyGems system software updated

Verify that RubyGems updated:

>gem -v

1.8.16

**Database Hookup:**

**gem install dbi**

**gem install mysql**

**gem install fastercsv**

get the libmysql.dll and place it in the ruby/bin directory

**Install DevKit:**

Go to <http://rubyinstaller.org/downloads> and download the latest version of DevKit.

Execute the file.

Install it to **C:\devkit**.

In the command prompt go to the c:\DevKit

Run the following:

C:\devkit>**ruby dk.rb init**

[INFO] found RubyInstaller v1.9.3 at C:/Ruby193

Initialization complete!

Next run ruby dk.rb install:

C:\devkit>**ruby dk.rb install**

[INFO] Installing 'C:/Ruby193/lib/ruby/site\_ruby/1.9.1/rubygems/defaults/operating\_system.rb'

[INFO] Installing 'C:/Ruby193/lib/ruby/site\_ruby/devkit.rb'

**Installing Watir**:

>**gem install watir --no-ri --no-rdoc**

(...)

Successfully installed watir-2.0.4

(...)

Verify that it is installed and functional:

At the command prompt type irb:

>irb

irb(main):001:0>

Copy and paste the following code into the command prompt:

**require 'rubygems'**

**require 'watir'**

**browser = Watir::Browser.new**

**browser.goto 'http://www.epcqa.com'**

This should open a new IE browser and will browse to www.ecpqa.com

Tools -> Internet Options and select the Security tab. Make sure the “Internet” zone is selected and then click the “Custom Level” button. Scroll-down the list of options and set the “Display mixed content” setting from “Prompt” to “Enable.”

**Install watir-webdriver:**

Installing watir-webdriver gem will drive Internet Explorer, Firefox, Chrome, and Opera.

Install it with gem install watir-webdriver --no-ri --no-rdoc:

>**gem install watir-webdriver --no-ri --no-rdoc**

(...)

Successfully installed watir-webdriver-0.4.1

(...)

**Install TestWise Recorder:**

TestWise Recorder is a free recording [tool](http://mac.softpedia.com/get/Internet-Utilities/Firefox-Extensions/TestWise-Recorder.shtml) to help create automated test scripts in (RWebSpec, Watir and Selenium-WebDriver) for web applications.  
  
TestWise [Recorder records](http://mac.softpedia.com/get/Internet-Utilities/Firefox-Extensions/TestWise-Recorder.shtml) the operations into executable test scripts while navigating the web application in Firefox. Three test scripts syntax are supported: RWebSpec, Watir and Selenium-WebDriver.

Download the latest version from <http://mac.softpedia.com/get/Internet-Utilities/Firefox-Extensions/TestWise-Recorder.shtml>

Open Firefox and install the plug-in

To run TestWise Recorder

Open Firefox and select Tools>TestWise Recorder Sidebar

This will open TestWise Recorder.

**Make Executables:**

In order to make the .rb scripts into executables the ocra gem will need to be installed

>**gem install ocra**