ATDD WORKSHOP

Install Instructions

Presented by: Joseph Ours

It is a pleasure to offer this course. The following slides will step you through some install procedures. Completing these before the workshop will ensure we are able to squeeze as much training in as possible. You may reach out to me for assistance if you have issues with these instructions. I will try to help as much as possible before the conference.

You are expected to bring your own laptop and charging cable.
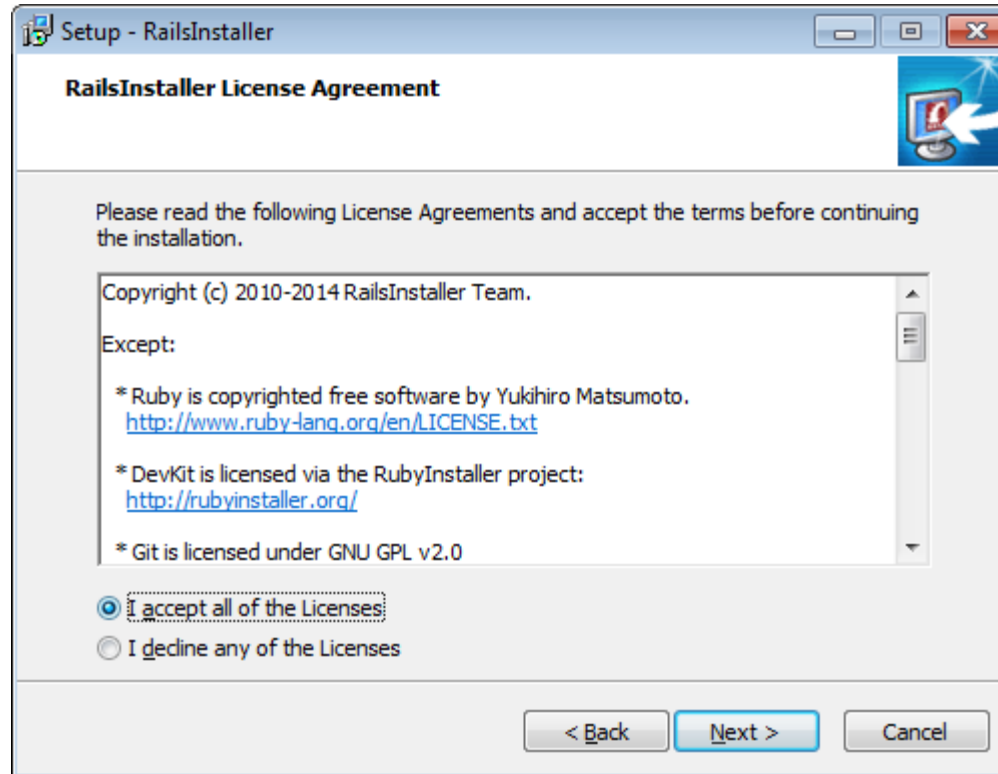
Sincerely,

Joe

Joseph.Ours@gmail.com

Install Ruby - Windows

- For ease of installation, please install Ruby via the RailsInstaller Program. You can obtain it from http://railsinstaller.org/en

- Please select the Ruby 2.2 version

- The current valid link to the file is https://s3.amazonaws.com/railsinstaller/Windows/railsinstaller-3.2.1.exe
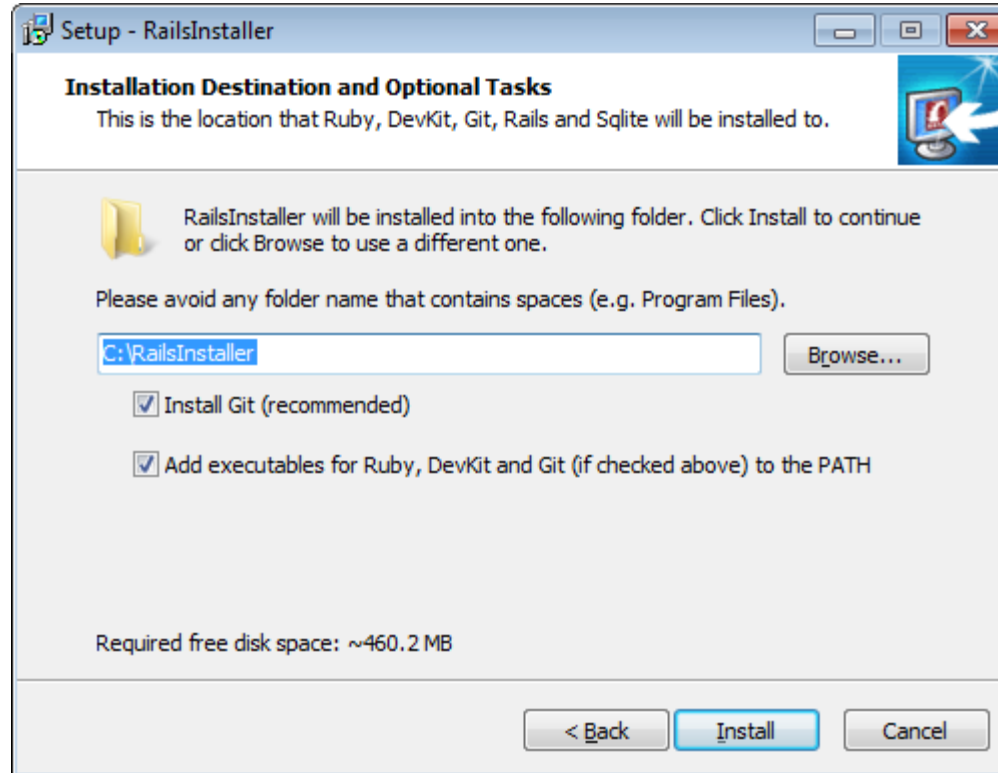
- Save and it and run it as an administrator

Rails Installer License Terms

Accept Terms

USE DEFAULT SETTINGS

Leave the defaults as is
It'll make it easier to manage going forward.

UNSELECT to Configure GIT and SSH

- Please **UNCHECK** this box. For our sessions we won't be using Git or SSH. If you're used to GIT, there is no harm in using it.

RubyGems.Org changed their SSL certificate. SSL provides encryption to ensure you're getting secure gems. Occassionally, this causes a problem. ***If you skip this step, you MAY NOT be able to continue***.

Download this file
https://www.dropbox.com/s/qg4jxhgj864e4rj/AddTrustExternalCARoot-2048.pem?dl=0

Save it to
C:\RailsInstaller\Ruby2.2.0\lib\ruby\2.2.0\rubygems\ssl_certs
Save it as a .PEM file. If your browser attempts to save as .TXT, remove the .TXT and save it as .PEM

Open a command prompt
Type `gem install cucumber <enter>`
When done, type `gem install watir <enter>`
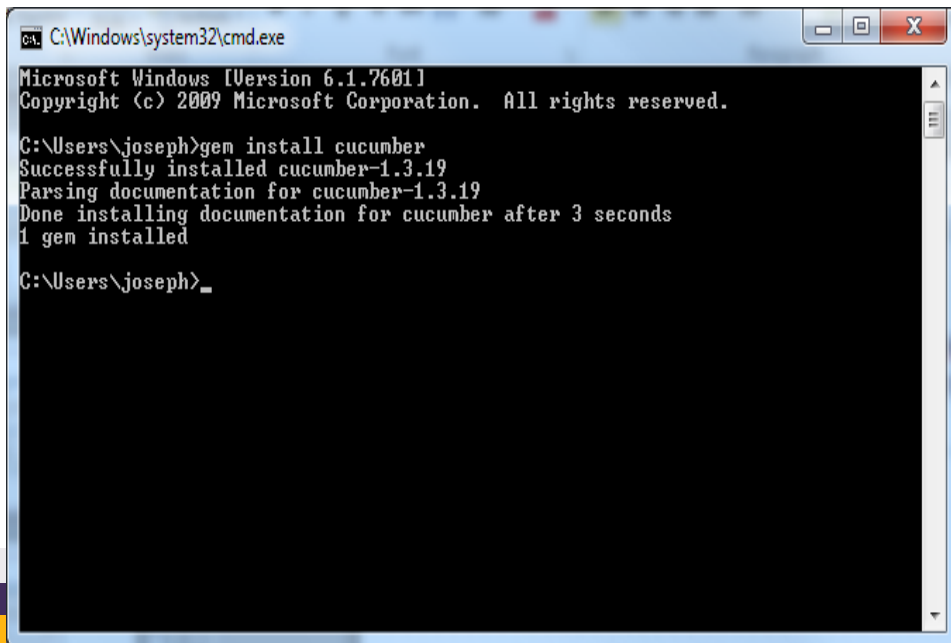When done, type `gem install testgen <enter>`
When done, type `gem install rspec <enter>`
When done, type `gem install page-object <enter>`

After each one, you'll get feedback like here→
After every gem install command

The gems may take a few minutes to download and you will have more text displayed.


```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\joseph>gem install cucumber
Successfully installed cucumber-1.3.19
Parsing documentation for cucumber-1.3.19
Done installing documentation for cucumber after 3 seconds
1 gem installed

C:\Users\joseph>_
```

Install RubyMine

Install RubyMine from (free 30 day trial, so do not download more than 30 days before the session)

https://www.jetbrains.com/ruby/download/

Configure/Install Chrome

- Ensure you have installed Chrome

- Download the 2.9 Chromium driver from:
  http://chromedriver.storage.googleapis.com/index.html

- http://chromedriver.storage.googleapis.com/2.9/chromedriver_win32.zip

- Unzip to your Ruby\bin directory,
  C:\RailsInstaller\Ruby2.2.0\bin

OPTIONAL: Multi-Browser Support

If you run into trouble with these instructions, I can help at the conference, but cannot guarantee I can assist before.

If you want to run this workshop with Firefox you need to following the instructions below:
- ***Ensure you have installed Firefox***
- Download the v0.15 GeckoDriver from https://github.com/mozilla/geckodriver/releases
- https://github.com/mozilla/geckodriver/releases/download/v0.15.0/geckodriver-v0.15.0-win32.zip
- **Unzip** to Ruby\bin directory C:\RailsInstaller\Ruby2.2.0\bin

If you want to run this workshop with IE, you need to follow the instructions below:
- *Ensure you have IE installed*
- Download the 2.45 IEDriver from http://selenium-release.storage.googleapis.com/index.html
- http://selenium-release.storage.googleapis.com/3.3/IEDriverServer_Win32_3.3.0.zip
- **Unzip** to Ruby\bin directory C:\RailsInstaller\Ruby2.1.0\bin

Instructions for a Mac

I don't own a Mac, so I haven't tested these – you may need google help!

- Ensure you have XCODE installed from the AppStore. – It is a large download
- Ensure you have HOMEBREW installed
- Install RVM (Ruby version manager)
  - Open a terminal session
  - `curl -sSL https://get.rvm.io | bash –s stable`
  - Close terminal session

- Install Ruby
  - Open a terminal session
  - `rvm install 2.1.5`
  - `rvm use 2.1.5 --default`

- Now install the workshop gems
  - Type `gem install cucumber <enter>`
  - When done, type `gem install watir-webdriver <enter>`
  - When done, type `gem install testgen <enter>`

I look forward to seeing each of you at the workshop!