

ATDD Intro Environment Setup

Windows 7 and 8.1

Firefox

Navigate to <https://www.mozilla.org/en-US/> and download and install Firefox. You may want Chrome also, but Firefox is the only browser required.

Ruby

You can find the installer at this url:

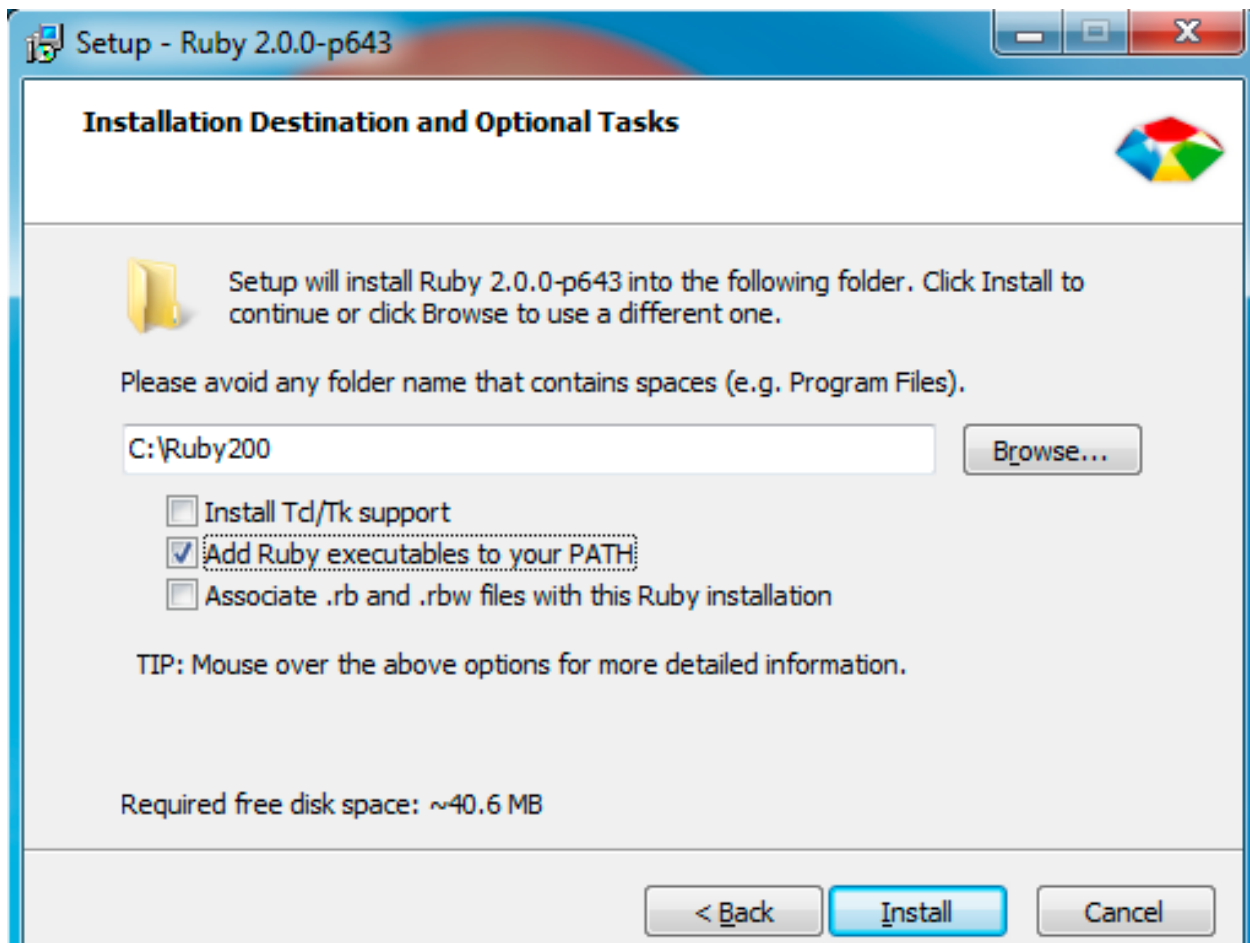
<http://rubyinstaller.org/downloads/>

Download and install the latest version of Ruby 2.0.0 32-bit. This document was written based on Ruby 2.0.0-p634.

Also, download the latest version of the DevKit for Ruby 2.0 32-bit. The Development kit is a set of utilities and libraries needed in order to install some third-party ruby libraries (called gems) that access operating system objects on your computer. This document was written based on DevKit-mingw64-**32**-4.7.2-20130224-1151-sfx.exe.

Install

Execute the rubyinstaller-2.0.0-pxxx.msi. During the installation you should select the checkbox to allow the installation to add the ruby executables to your path.



Verify the installation

After the installation, open a command prompt and type:

```
ruby -v
```

You will see something like the following output:

```
ruby 2.0.0p643 (2015-02-25) [i386-mingw32]
```

Install the development kit

Double-click the DevKit...exe file to run it. You must select a directory where you want the file to be extracted. A common choice is `c:\devkit`.

In a command window change to the devkit directory and run the following command:

```
ruby dk.rb init
```

You will see the output:

```
[INFO] found RubyInstaller v2.0.0 at C:/Ruby200
```

Next, run:

```
ruby dk.rb install
```

The output will be:

```
[INFO] Updating convenience notice gem override for 'C:/Ruby200'
[INFO] Installing 'C:/Ruby200/lib/ruby/site_ruby/devkit.rb'
```

Installing gems

Bundler

Bundler provides a consistent environment for Ruby projects by tracking and installing the exact gems and versions that are needed. In a command window run the following command:

```
gem install bundler
```

The output will include a line very similar to the following:

```
Successfully installed bundler-1.8.3
```

Testgen

Testgen greatly simplifies the setup of a cucumber test project. We will use this later in the class.

```
gem install testgen
```

As of Ruby 2.0, several warnings and errors are generated during the install of the documentation for this gem's dependencies. It will install about 14 gems total.

RubyMine

RubyMine is a development environment for ruby. It has built-in knowledge for cucumber and we will be using it throughout the class. You can download a free 30-day evaluation of the software from this site:

<http://www.jetbrains.com/ruby/index.html>

Accept the default settings throughout the installation.

Mac OS X Mavericks and Yosemite

Firefox

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Ruby

OS X Mavericks come with Ruby 2.0.0.

However, most Mac users install RVM, a command-line tool which allows you to easily install, manage, and work with multiple ruby environments from interpreters to sets of gems.

Command Line Tools

Whether you install RVM or not, some gems will need to be compiled for the native OS. To do this on Mac OS X, you will need the command line tools. You may have installed these as part of XCode. If not, the easiest way to install them is to run the following command from a Terminal:

```
xcode-select --install
```

You will be prompted to install the command line developer tools. Click Install and accept the License agreement. The software will download and install.

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