

Ruby on a Mac (updated 7/2015)

Ruby is pre-installed on your Macintosh computer. Create a RubyProgs directory in your Applications folder. Find the Recursive1 ruby program on the website for our course, and save it into that directory.

You can get the SciTE editor for about \$40.00 in the AppStore. This is cool, but not required. With SciTE, from the file menu open the file recursive1.rb from your directory. Fn/command/f8 (view/output) splits the pane; f5 (tools/go) runs the program – your output should appear on the right.

Without SciTE, you can use any text editor. The default is TextEdit – you can use this in the Lab. Be sure that MakeRichText is OFF under the Format tab, so that the file is saved as plain text. To run your file, open the Terminal from Applications/Utilities. Change to the directory in which you have placed the Ruby file – so if you have followed instructions from above,

```
cd /Applications
```

```
cd RubyProgs
```

You can return to the home directory with `cd ~`. If you are in the Lab, you will have to keep your programs on a thumb drive; `cd /Volumes/` will get you to the root; `ls` should exhibit the names of your drives; then you can change to the drive and directory in the usual way (but use `\space` for space in drive names as 'my\ drive'). In every case, the prompt should reflect your changes. And run your file with the command,

```
ruby recursive1.rb
```

Ruby on a PC (updated 7/2015)

Obtain and run the free RubyInstaller from <http://rubyinstaller.org/>. Then you will want the free SciTE editor. Get the full download from <http://www.scintilla.org/SciTEDownload.html> (don't run the optional installer -- it comes with a bunch of garbage). There is no real installation; once you unzip the files into the directory you want, create a shortcut to the .exe file and it will go.

Create a directory for Ruby programs associated with our course. Find the Recursive1 ruby program on the website for our course, and save it into your directory. Now open the Ruby editor SciTE. From the file menu open recursive1.rb from your ruby directory. F8 splits the pane. F5 runs the program, output should appear on the right.

Additional SciTE information: you can change the output to a monospace font (good for future purposes) by going to options; open user options file; and inserting the line, 'style.errorlist.32=\$(font.monospace)'; then save. Print your code from the file menu in the usual way. I don't know how to print from the output pane except to copy and paste into another application (like Word) that will print. On a PC, Ctrl-Break stops a program in an infinite loop; Ctrl-C should do the same job on a Mac. There is much helpful information about Ruby in the Ruby package and on the web.

This is not much, but should get you started!