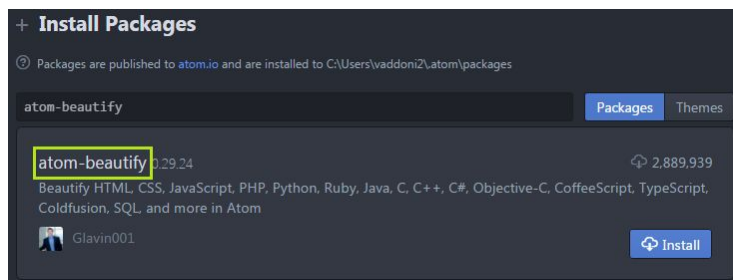# Pre-Workshop Instructions for Mac users

- Please follow these instructions well in advance; there will be no time allotted for these downloads during the workshop.
- Allow a total of 20 minutes or more for these installations.
- You will be downloading and installing two stand-alone programs and then using the Terminal to install two additional useful tools.
- Accept all defaults during the installs unless stated otherwise.
- We suggest co-locating the shortcuts for Atom and Postman.

Downloads

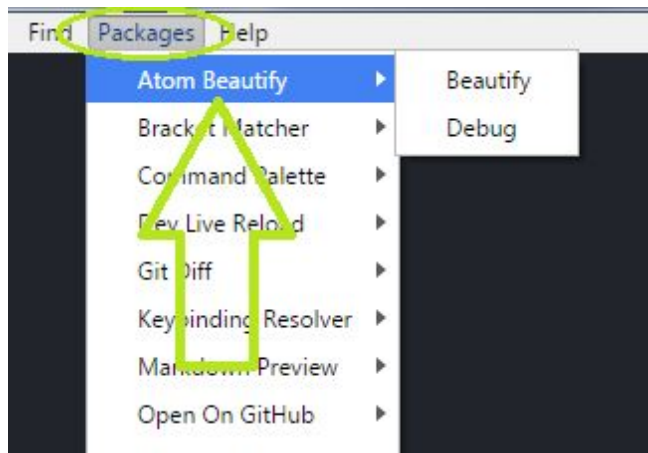Download and install the following programs on the laptop you will be using for the workshop[1]:

Atom – a text editor that we will use for viewing scripts

- Download here: https://atom.io/
- The download page will automatically detect which version you should download.
- We have had one user mention that Atom did not create a shortcut and that user was unable to launch the program after installing it. Please let us know if this happens to you, we want to determine if this is a bug in the install process.
- Open Atom if it does not open automatically. Close all the open tabs to prepare the workspace.
- Install the *beautify* package: File > Settings > Install (on left) > Install Packages > search for "atom-beautify" and install (this is a Windows screenshot):

- Check that it installed under Packages in the menu bar:

---

[1] Note: If you already have a different preferred text editor installed that you are comfortable using for the workshop, feel free to skip installing Atom; however, we will NOT assist you in translating our instructions/screenshots to your preferred editor, so for the most seamless experience, please get Atom.

- Close the program.
- Place a convenient shortcut if one is not created automatically, and you're done!

Postman – a GUI interface for interacting with APIs

- Download here: https://www.getpostman.com/
- Keep all defaults and install.
- Please note that you will be prompted to create an account, but you do not need one. You should see an option to proceed without an account (this is a Windows screenshot):

- Place a convenient shortcut if one is not created automatically, and you're done!

Terminal instructions

These instructions should work for 90% of you; if they don't, don't worry, just bring your questions to class.

1. Open the Terminal:
    o Use spotlight search to search for "Terminal"
    o Or, open your Applications folder, then the Utilities folder and open the Terminal application.
2. To prevent confusion, read steps 2 and 3 before completing them: Into the Terminal window type gcc --version (see the first line of the first screenshot below for what this should look like) and hit enter.
3. If you are prompted to install, hit Install! Once complete, type gcc --version again. If you see the second message in the first screenshot below (more or less, this won't be exact!), you're good to go! Leave the Terminal open.

```
$ gcc --version

# After installing, check the gcc --version again.
# You should get the below message:

Configured with: --prefix=/Applications/Xcode.app/Contents/Developer/usr --with-gxx-include-dir=/usr/include/c++,
Apple LLVM version 8.0.0 (clang-800.0.38)
Target: x86_64-apple-darwin15.6.0
Thread model: posix
InstalledDir: /Applications/Xcode.app/Contents/Developer/Toolchains/XcodeDefault.xctoolchain/usr/bin
```

4. Next, open a browser and navigate to http://brew.sh (yup, that's a webpage).
5. Copy the long command from the website as seen here:

Install Homebrew

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Paste that at a Terminal prompt.

The script explains what it will do and then pauses before it does it. There are more installation options here (needed on 10.5).

6. Paste that command into the terminal and hit enter. Enter your password if needed.
7. You're done!