

## Pre-Workshop Instructions for Mac users



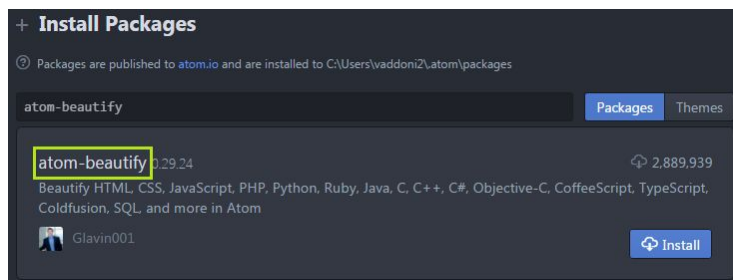
- Please follow these instructions well in advance; there will be no time allotted for these downloads during the workshop.
- Allow a total of 20 minutes or more for these installations.
- You will be downloading and installing two stand-alone programs and then using the Terminal to install two additional 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<sup>1</sup>:

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

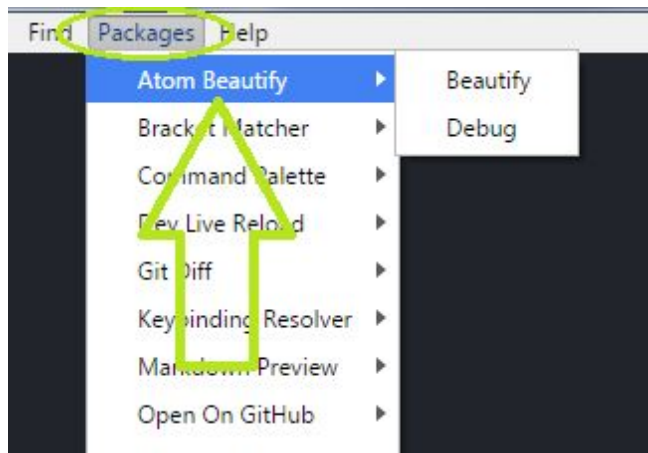
- Download here: <https://atom.io/>
- The download page will automatically detect which version you should download.
- We have had one user mention that Atom did not create a shortcut and that user was unable to launch the program after installing it. Please let us know if this happens to you, we want 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:

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<sup>1</sup> 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):

Take me straight to the app. I'll create an account another time.



- 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:
  - Use spotlight search to search for "Terminal"
  - 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
```

- Next, open a browser and navigate to <http://brew.sh> (yup, that's a webpage).
- 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).

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



