

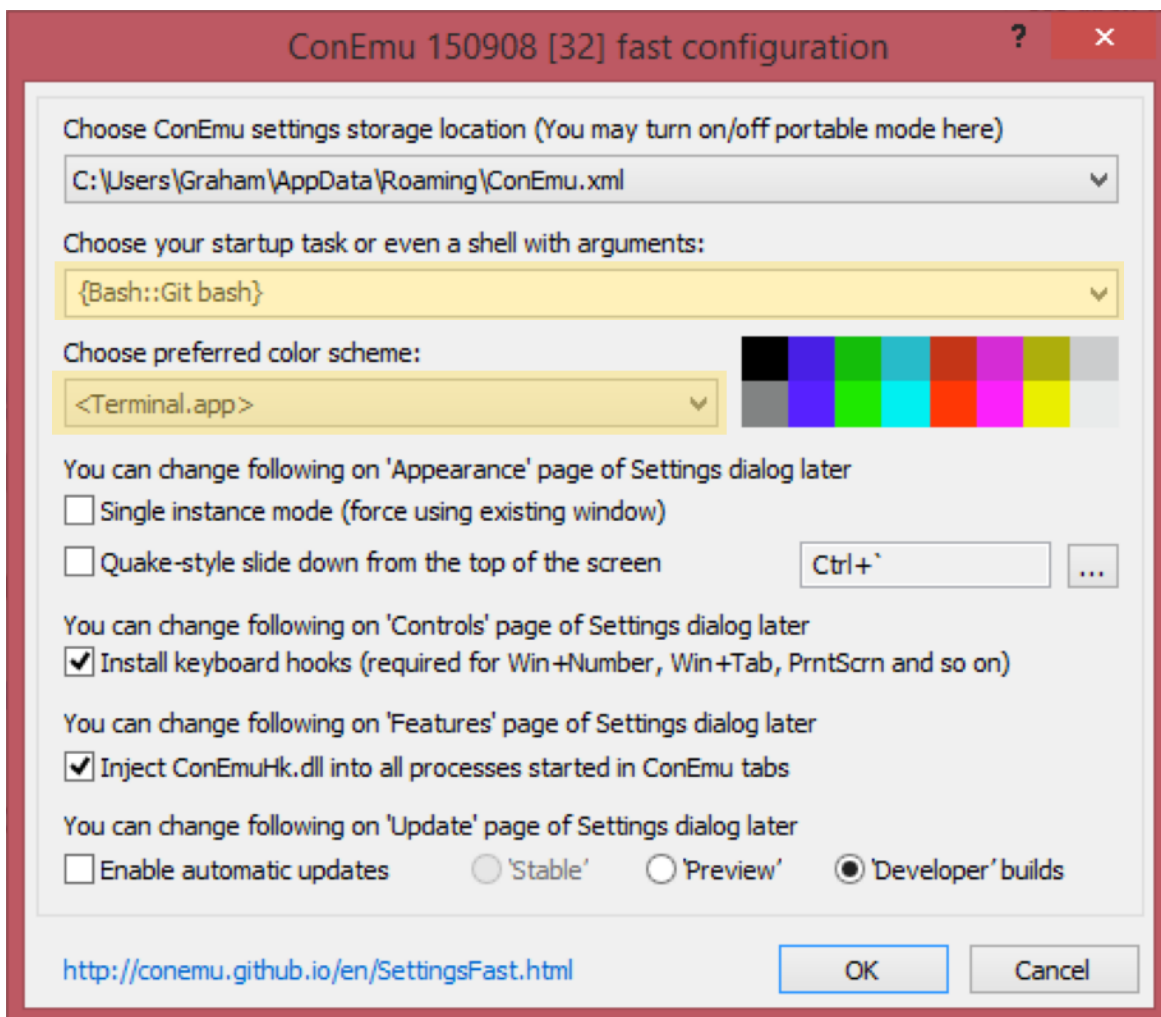
PUI Lab Setup - September 9, 2015

For this week's lab we will build off of what we worked on during the previous week by getting more comfortable using Git, Bash, and Python. Please ensure that your machines are properly setup before class so you can participate. Many of you will likely have what you need for this already, with the exception of ConEmu for the Windows users.

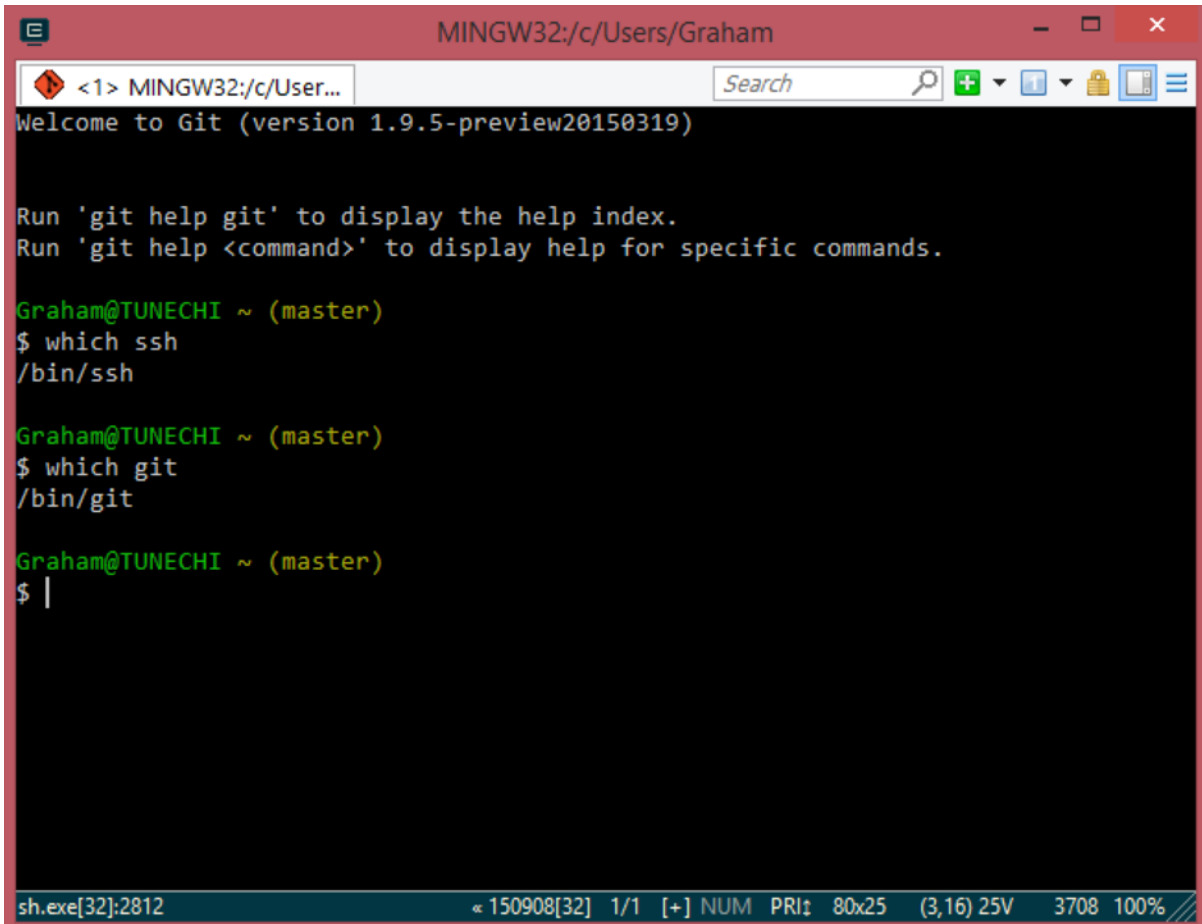
Windows Users

1. **Download and install Git for Windows** from <https://git-scm.com/downloads>. Use the default installation settings, making sure to "Use Git from Git Bash only" when presented with the option.
2. **Download and install ConEmu** from <https://github.com/Maximus5/ConEmu/releases>. Make sure to only install the **ConEmuSetup.150908.exe**.

Start ConEmu and change **only the highlighted** settings as pictured below:



Click OK, then test by running **which ssh** and **which git**. You should see output similar to the following:



The screenshot shows a Windows Command Prompt window titled "MINGW32:/c/Users/Graham". The address bar shows "<1> MINGW32:/c/User...". The terminal output is as follows:

```
Welcome to Git (version 1.9.5-preview20150319)

Run 'git help git' to display the help index.
Run 'git help <command>' to display help for specific commands.

Graham@TUNECHI ~ (master)
$ which ssh
/bin/ssh

Graham@TUNECHI ~ (master)
$ which git
/bin/git

Graham@TUNECHI ~ (master)
$ |
```

The status bar at the bottom shows "sh.exe[32]:2812" and system information: "< 150908[32] 1/1 [+] NUM PRI: 80x25 (3,16) 25V 3708 100%".

3. **Download and install Anaconda** from <http://continuum.io/downloads>. Again, use the default settings in the installer. Once finished, close and reopen ConEmu if it is currently open. Then run **python --version** to verify the installation. You should receive a response similar to the following: **Python 2.7.10 :: Anaconda 2.3.0 (64-bit)**

Mac/Linux Users

1. **Make sure you have Git** by running **which git**. If you receive no response, you need to download and install Git from <https://git-scm.com/downloads>.
2. **Download and install Anaconda** from <http://continuum.io/downloads>. Use the default settings in the installer. Once finished, close and reopen your Terminal if it is currently open. Then run **python --version** to verify the installation. You should receive a response similar to the following: **Python 2.7.10 :: Anaconda 2.3.0 (64-bit)**