

## Installing Cygwin – Unix-like Environment WINDOWS USERS ONLY

### Description

Unlike macOS and linux operating systems, windows does not provide a unix environment for command line operations. Here, windows users will install Cygwin, a unix-like environment, which will allow us to work with the command line on windows machines.

### Protocol

1. Open your browser of choice and go to <https://www.cygwin.com>.
2. Under 'Installing Cygwin' on the main page click the 'setup-x86\_64.exe' link.
  - a. This should begin installing the Cygwin executable file (quite small).
3. Open the downloaded file, which should take you to a Cygwin Setup window.
4. At 'Cygwin Net Release Setup Program', click 'Next'.
5. At 'Choose A Download Source', select 'Install from Internet' and click 'Next'.
6. At 'Select Root Install Directory':
  - a. This is your choice but if this process seems intimidating then you may want to go with the default directory. My install defaulted to the C drive, which is ideal. **Make a note of your chosen Root Directory.**
  - b. Install For 'All Users'.
  - c. Click 'Next'.
7. At 'Select Local Package Directory':
  - a. In a moment files will be downloaded from a server to your computer. This selection is asking where you want those files to be downloaded. The default is likely your 'Downloads' directory, which is great. However, this is up to you.
8. At 'Select Your Internet Connection' select 'Use System Proxy Settings' then click 'Next'.
9. At 'Choose A Download Site':
  - a. There are quite a few choices, and most are probably suitable but 'http://cygwin.mirror.constant.com' (near the top) will work for sure. Select and click 'Next'.
  - b. A download will start but it should be very quick.
10. A new 'Select Packages' window should pop up.
  - a. In the search bar type and submit **nano**

- b. Select the options **nano** and **nano-debuginfo**, which can usually be done by double clicking each box in the 'New' column or by selecting the most recent version using the pull down menu's in the 'New' column.
- 11. A new 'Review and confirm changes' window should pop up.
  - a. This is asking to confirm all the installs we previously selected, the defaults for us. No action is necessary, click 'Next'.
- 12. At 'Create Icons' you can select to create a desktop or start menu option. Select any or none of the options but a desktop icon is probably a good idea.
- 13. Installation complete, great job.