Getting Started: Your Software Environment

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About

• CDF maintains a group of computers running the *Ubuntu* operating system.
• Your assignments will be marked on CDF. **Test your submissions on a CDF computer!**
• See me if you do not have a CDF account or have not used CDF before.
• You may work in the labs or...
Work remotely

- Instructions for using and installing SSH and X11 can be found at [http://www.cdf.toronto.edu/faq.html#GS3](http://www.cdf.toronto.edu/faq.html#GS3).
Using **SSH** and **X11** with...

- **Windows**
  - Cygwin or
  - Putty + Xming

- **UNIX** and **UNIX-likes** (includes MacOS X)
  - SSH client usually already included
  - Mac users may need to install **XQuartz** if there is no X11 application in their `/Applications/Utilities` directory.
Making a connection

- Open a terminal window and issue the command (case matters!)
  ```
  ssh -X username@cdf.toronto.edu
  ```
- After entering your password, you should see a prompt such as
  ```
  username@greywolf:$
  ```
- Test out X11...
  ```
  xeyes
  ```
Software

In this course, we focus on a few different pieces of software.

- Java 8
  - Subversion
  - Eclipse
  - Android Studio

See the Software section under Resources on the course website for installation details.