**These are instructions for accessing the Poppy robotic arm in the Emergence of Communication Lab**

In order to program the robotic arm, you need to be on the Ubuntu Linux partition of the machine. Consult the navigation sheet for instructions detailing switching between OSX and Linux.

The source code is hosted on github at <https://github.com/yehsk8rz/PoppyRattle>. It is also stored in the Documents folder under the PoppyRattle directory. Github tends to behave strangely with the png, csv, and wav files, and sometimes they are deleted after a commit. To this effect, there is a backup directory, also in the Documents folder, tilted backup.PoppyRattle. It is best to backup the Directory after a successful commit and push to Github.

* To download the contents stored in the repository, you can either navigate to the link above in a browser or clone the repository via command line
  + In the repository webpage, there is a green button with an option to download a zip file of the repository
  + To clone the repository (needed to push code), open a terminal session, navigate to the desired directory and type git clone <https://github.com/yehsk8rz/PoppyRattle>
* To backup the PoppyRattle directory, it is best to first delete/empty the backup directory.
  + Open the Nautilus file explorer and navigate to the Documents directory then manually delete/empty the backup directory.
  + Or you can open the terminal, cd(change directory) Documents, and type in rm -rf backup.PoppyRattle(/\*) to delete/empty the backup directory
* From there, copy the contents of PoppyRattle into the backup directory.
  + If you deleted the backup directory, you should remake the directory.
    - In Nautilus, there should be a new directory option in the interface and in the right-click drop-down menu.
    - In the terminal, type mkdir backup.PoppyRattle
  + If you only deleted the contents, you just need to copy and paste the contents of the main directory
    - In Nautilus, open the directory and highlight all the files and folders, navigate to the backup directory and paste
    - In the command line, cd Documents, then type cp -rf PoppyRattle/\* backup.PoppyRattle/