Process for upgrading the SD card:

Best if this is done while using the buffalo access points.

- 1) Commit anything not committed on your robot (you should be doing this regularly anyways)
- 2) Blow away the duckietown directory on your robot (\$ rm -rf duckietown)
- 3) copy your home directory from the robot onto your laptop\$ sudo scp -r ubuntu@<your_robot>.local:/home/ubuntu _some_path_on_your_laptop
- 4) copy your host files from your robot\$ sudo scp ubuntu@<your_robot>.local:/etc/hostname_some_path_on_your_laptop\$ sudo scp ubuntu@<your_robot>.local:/etc/hosts_some_path_on_your_laptop
- 5) shut down your robot
- 6) Hand your SD card to a staff member to upgrade
- 7) Wait about 5 mins for your image to get made
- 8) Get your SD card back put it in your robot and boot up
- 9) Test that you can ping it\$ ping duckieimagev120.local
- 10) move the host files back that you copied off before
 - \$ sudo scp _some_path_on_your_laptop/hosts

ubuntu@duckieimagev120.local:/etc/hosts (you will have to enter password of course..)

\$ sudo scp some path on your laptop/hostname

ubuntu@duckieimagev120.local:/etc/hostname (you will have to enter password of course..)

- 11) reboot the Pi
- 12) test you can ping <your robot>.local
- 13) scp -r some path on your laptop/ubuntu ubuntu@<your robot>.local:/home
- 14) ssh <your_robot>.local (should NOT need password)
- 15) git clone git@github.com:duckietown/Software.git duckietown

don't forget to switch to the right branch