Standard operating protocol

Updating the RAPID

Some centres have had problems with RAPIDs disconnecting and failing to reconnect. This can be the case particularly with the first set of RAPIDs you were sent (01-04). Since they were built, the software has been updated to make disconnections much rarer. If disconnections are causing a problem for you, you can update the RAPID software using the following guide.

1. Connect the Raspberry Pi to a USB keyboard, a USB mouse and a monitor (using an HDMI or HDMI-DVI cable).
2. Power the Raspberry Pi on. You will see a desktop environment on the monitor, which you can use like any other computer. The RAPID application will open in a window – you can close this.
3. Connect the Raspberry Pi to wifi or plug a network cable into its Ethernet port. Note that the Raspberry Pi is not able to connect to wifi networks like eduroam where a username and password is required to log in (those with only a password are fine). It's better to
4. Open the "terminal" application by using the shortcut on the top bar or opening the Applications menu.
5. Type the following, pressing the Enter or Return key when you see <enter>. Don't use any capital letters. There will be other information output in the terminal window. Continue even if commands appear to fail.

   ```
   sudo apt-get install python-dev <enter>
   ```

      NOTE – you may need to press Y <enter> after this!

   ```
   sudo pip install greenlet <enter>

   sudo pip install eventlet <enter>

   cd dylospi/ <enter>

   git pull <enter>
   ```

6. Restart the raspberry pi. The RAPID application should start – if it doesn't, contact Ruaraidh