

كجيمع

computing Hive

Tricks and configurations:

**Hive Sensors Section**

Whole package available here :

Tot el paquet disponible aquí :

Todo el paquete disponible aquí :

[http://eixams.cc/code/Eixams\\_ComputingHive\\_HiveSensorsSection.zip](http://eixams.cc/code/Eixams_ComputingHive_HiveSensorsSection.zip)

Humidity sensors reads GPIO26 and GPIO20

Sensors d'humitat llegeix GPIO26 i GPIO20

Sensores de Humedad leen GPIO26 y GPIO20

Temperature sensors reads i2c pins

Sensors de temperaturat llegeix pins i2c

Sensores de Humedad leen pins i2c

Arduino's Accelerometer x=A3, y =A2, z=A1,ground=A4, power=A5

A l'arduino acceleròmetre x=A3, y =A2, z=A1,ground=A4, power=A5

En el arduino acelerómetro x=A3, y =A2, z=A1,ground=A4, power=A5

ES per data sensor a web amb els pins q li corresponen

To send audiovideo to hdmi :

Per a enviar audiovideo a hdmi :

Para enviar audiovideo a hdmi :

**`/home/pi/picam/picam --alsadev hw:1,0 --tcpout tcp://10.42.0.32:8181 --preview --audiopreview`**

2nd Rpi is used to produce a dedicated Streaming. 1St Rpi was overheated due to the large number of tasks and operations.

La 2ª Rpi utilitzada per a realitzar l'streaming de manera dedicada. La 1ª s'escalfava massa per a fer tantes tasques.

La 2ª Rpi utilizada para realizar streaming de manera dedicada. La 1ª se calentaba demasiado por realizar tantas tareas.

2nd pi configuration >>

open an editor (recommened sublime which is crossplatform)

installing sublime >> <https://www.sublimetext.com/3>

otherwise you can use other editors like gedit, leafpad, notepad, etc.

type:

**`sudo sublime /etc/rc.local`**

add the following line at the bottom of the document

**`ffmpeg -i tcp://0.0.0.0:8181?listen -c:v copy -c:a aac -strict -2 -ar 44100 -ab 40000 -f flv rtmp://x.rtmp.youtube.com/live2/42e4-b6wd-wfhh-4jvy`**