ADD VISION TO YOUR PI

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EmbeddedLance

INSTALLING OPENFRAMEWORKS ON PI

Installing oF on Pi

- Download oF for the raspberry pi
  $ curl -O
  http://www.openframeworks.cc/versions/v0.8.4/of_v0.8.4_linuxarmv7l_release.tar.gz
- Unpack the release
  $ tar xvf of_v0.8.4_linuxarmv7l_release.tar.gz
- Update the install script
  curl
  https://raw.githubusercontent.com/openframeworks/openFrameworks/master/libs/openFran
  -o
  of_v0.8.4_linuxarmv7l_release/libs/openFrameworksCompiled/project/linuxarmv7l/config.linu

Installing oF on Pi

- Change dir name and install dependencies
  $ cd ~/oF/scripts/linux/debian
  $ sudo ./install_dependencies.sh
- Set an environmental variable. It can be automated by adding it to the end of your bash init script (e.g. your bash /.profile file). The following tells the make system to use all 4 cores for compiling and to use the Raspberry Pi 2 variant of the armv7 makefiles
  export MAKEFLAGS=-j4 PLATFORM_VARIANT=rpi2

Compile and run an example

- Change directory to a simple example
  $ cd ~/oF/examples/graphics/graphicsExample
- Compile it
  $ make
- Execute it
  $ make run

You have now successfully installed oF on your raspberry Pi :)