

# ADD VISION TO YOUR PI

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Hasan Ijaz

August 6, 2015

EmbeddedLance

CREATE A PROJECT

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# CREATE A PROJECT

## Project Generator

- Open a terminal
- Change your directory to  
`openFrameworks/apps/projectGenerator/projectGeneratorSimple`
- `make`
- `make run`

## NEWLY CREATED FILES

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# NEWLY CREATED FILES

- main.cpp
- ofApp.h
- ofApp.cpp

## ADDING CODE

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# ADDING CODE FOR HELLOWORLD MESSAGE

## ofApp.h

- Add `ofTrueTypeFont franklin` to the *public:* section

## ofApp.cpp

- To load the font add `franklin.loadFont("frabk.ttf", 32)` to `ofApp::setup()`
- Set background color to white by adding `ofBackground(255,255,255)` to the `ofApp::setup()`
- Set the message color to black using `ofSetColor(0,0,0)` in `ofApp::draw()`
- Display the message using `franklin.drawString("HelloWorld!", 75, 150)` in `ofApp::draw()`

# COMPILE AND RUN

- Go back to the terminal
- Change directory to `openFrameworks/apps/myApps/HelloWorld`
- To compile the binary, enter `make`
- To execute the binary, enter `make run`



YOU HAVE NOW SUCCESSFULLY SAID HELLO TO THE WORLD  
THROUGH OPENFRAMEWORKS :)