

# A first experience with glad and glfw

John D.H. Pritchard \*

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## Abstract

The `glfw` looks nice, and it likes the `glad`, so here we go.

Here's some notes on the process of installing and using `glad` and `glfw`.

## 1 Installing glad

From `github.com/daviddde/glad` the usual clone enters into python land. The installation is a python program that looks into and characterizes the GL environment into its *even more portable (?)* way.

As reviewed in `./INSTALL-GLAD.txt`, the process is friendly to a bit of experimentation as a regular, non-root, user. And then it has need of some archiving.

## 2 Installing glfw

Downloading the ZIP from `www.glfw.org` gives you something usable. The source repo is in the midst of things undesirable to someone else's workstation. This `configure`,

`make`, `make install` process is simple and straightforward.

The `glfw` installation even produces a `/usr/lib/pkgconfig` file. However, the dependencies don't sort in `pkg-config --libs` space. (See `Makefile`, *extrapolate as necessary*).

## 3 Hello Window

The `main.cc` program is trivial. It opens a window.

The `Makefile` includes libraries found via `github.com/derhass/HelloCube/Makefile`.

## 4 Conclusion

Fun, but a bit time consuming.

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\*jdp@syntelos.com