VR REQUIREMENTS

<mark>NVIDIA cards required, version 381.22 of the NVIDIA Driver or above</mark>. A Debian packaged version of this driver can be found in the "NVIDIA Development Drivers" PPA at https://launchpad.net/~graphics-drivers/+archive/ubuntu/ppa.

```
sudo add-apt-repository ppa:graphics-drivers/ppa
```

The NVIDIA driver supports direct mode, meaning the HMD will not appear on your desktop, or if it does, the display will have to be turned off in xrandr before being able to use VR.

Intel graphics are not currently supported!

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Project Setup

Adding files:
  ● Replace the gl folder with the implementation from Lab 7/8

Configuring the runtime environment <mark>(PC or Mac)</mark>

NOTE: Take a look at the instructions below for a different QtCreator version installed on Sunlab machines.

1) Open the project settings in Qt Creator (wrench icon in left toolbar)
2) Select the "Build & Run" tab in the upper-left hand corner
3) Select the "**Run"** tab under *Desktop Qt 5.7.0 CGG 64bit*
4) Expand the "Run Environment" section
5) Click the "Add" button to the right of the expanded section
6) Set <VARIABLE> to **STEAM_RUNTIME**
7) Set <VALUE> to **path_to_project**/libraries/steam-runtime/
   ● Be sure to replace **path_to_project** with the full path to the project directory.

Configuring the runtime environment <mark>(Sunlab Machines)</mark>

1) Open the project settings in Qt Creator (wrench icon in left toolbar)

2) Select the "**Run**" tab under *Build & Run*
3) Under *Run Environment* expand the Details tab
4) Click the "Add" button to the right of the expanded section
5) Set <VARIABLE> to **STEAM_RUNTIME**
6) Set <VALUE> to **path_to_project**/libraries/steam-runtime/
    ● Be sure to replace **path_to_project** with the full path to the project directory.

Fixing *QXcbConnection: Could not connect to display* error

● Add **-display :0.0** to the *Command line arguments* section under Build & Run.