

# How to use SDL2 on URVEPi

```
sudo apt-get install -y libsdl2-dev build-essential nano
```

```
nano sdltest.c
```

```
#include <SDL2/SDL.h>

int main(int argc, char* argv[]) {
    SDL_Window* window = NULL;
    SDL_Renderer* renderer = NULL;

    SDL_Init(SDL_INIT_VIDEO);
    window = SDL_CreateWindow("Hello World", SDL_WINDOWPOS_CENTERED, SDL_WINDOWPOS_CENTERED,
640, 480, SDL_WINDOW_SHOWN);
    renderer = SDL_CreateRenderer(window, -1, 0);

    SDL_SetRenderDrawColor(renderer, 255, 255, 255, 255);
    SDL_RenderClear(renderer);
    SDL_RenderPresent(renderer);
    SDL_Delay(3000);

    SDL_DestroyWindow(window);
    SDL_DestroyRenderer(renderer);
    SDL_Quit();

    return 0;
}
```

```
gcc -o sdltest sdltest.c `sdl2-config --cflags --libs`
gcc -o sdltest sdltest.c -lSDL2 -lGLEW -lGL
./program
```

`SDL_VIDEO_GL_DRIVER=/usr/lib/aarch64-linux-gnu/libGL.so ./sdltest`

Run: `cmake -S . -B build && cmake --build build && cmake --install build`

libSDL2-2.0-0

apt-get install libSDL2-dev

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