

# cars



A simple multiplayer 2D game where each player controls a car. He or she must get as many candies as possible before the others do. The world is set in a submarine environment. The graphics are based on scanned children drawings of cars and fishes. The sounds are borrowed from the amazing [SuperTuxKart](#).

License : see the LICENSE file.

Authors : see the AUTHORS file.

## How to build the program

You need the following libraries before compiling :

- **cmake** ( `sudo apt-get install cmake` ),
- **SDL** ( `sudo apt-get install libsdl2-gfx-dev libsdl2-image-dev libsdl2-mixer-dev libsdl2-ttf-dev` )

The project is based on a CMakeLists. It is easy to build the program on a Unix computer. Go in the source folder and type:

```
1 $ mkdir build
2 $ cd build
3 $ cmake ..
4 $ make
```

# How to use the program

To display the help, just launch the program in a terminal. It will display the help of the program.

```
Synopsis: cars winw winh [players_names]
winw:      window width  in pixels [default: 800]
winh:      window height in pixels [default: 600]
player_names: names of players, between 1 and 10
             possible choices: 2cv  cabrio  twingo_ainara  twingo_arnaud  twingo_red  twingo_unai
             default: "twingo_arnaud twingo_unai"
```

## Credits

### Fonts

- fonts/DejaVuSans-Bold.ttf: included in Ubuntu.
- fonts/LCD2U\_\_\_\_.TTF: [myfontfree.com](http://myfontfree.com)

### Graphics

- graphics/bubble.png: [openclipart.org](http://openclipart.org)
- graphics/candy/\*, graphics/fish/\*: homemade
- `graphics/cars/2cv\*: [openclipart.org](http://openclipart.org)
- graphics/cars/cabrio\*: [openclipart.org](http://openclipart.org)
- graphics/cars/Tire\_Side\_View.\*: [openclipart.org](http://openclipart.org)
- graphics/cars/twingo\*: homemade
- graphics/cup\_\*.png: [supertuxkart.sourceforge.net](http://supertuxkart.sourceforge.net)

### Music

- music/cocoa\_river.ogg: [supertuxkart.sourceforge.net](http://supertuxkart.sourceforge.net)
- music/unai\_arnaud.flac: homemade

### Sounds

- sounds/\*: [supertuxkart.sourceforge.net](http://supertuxkart.sourceforge.net)