

# Tutorial 1 - How to Install Torcs

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We will use Torcs as our simulation environment. In order to be able to test your controller you will need Torcs installed on your computer.

## 1 Windows

Download and install Java SE Development Kit from

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Download and install vc\_redist.x86.exe from

<https://www.microsoft.com/en-us/download/details.aspx?id=48145>

Download Torcs Windows archive from

<http://mac360.few.vu.nl:9090/cicourse2016/resources/torcs-win.7z>

Unzip and launch the wtorcs.exe as administrator

## 2 Mac OS X

Download and install Java SE Development Kit from

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Download Torcs OS X archive from

<http://mac360.few.vu.nl:9090/cicourse2016/resources/torcs-osx.7z>

Unzip and launch the .app

## 3 Linux

Download and install Java SE Development Kit from

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Download Torcs Linux archive from

<http://mac360.few.vu.nl:9090/cicourse2016/resources/torcs-linux.7z>

7z

Unzip.

Install dependencies. On Debian/Ubuntu based distros you can do this via:

```
sudo apt-get install build-essential make freeglut3 freeglut3-dev
libglu1-mesa libglu1-mesa-dev libgl1-mesa-dev libalut-dev libplib-dev
zlib1g-dev libpng12-dev libvorbis-dev libxi-dev libxmu-dev libxrender-
dev libxrandr-dev
```

On other distros, you can install these dependencies which you can find with similar names.

Enter the torcs directory you unzipped. Type in command line:

```
./configure
```

```
make
```

```
sudo make install
```

```
sudo make datainstall
```

```
sudo chown -R $USER /usr/local/share/games/torcs
```

Then you can run Torcs by simply typing in command line:

```
torcs
```

## 4 In Case of Problems Installing/Running Torcs

We want to get you started with the assignment as fast as we can. If you have problems installing/running Torcs, contact the TAs and we will be happy to help.