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raspberrytorte revised drive timings following beta testing ...

on Aug 19, 2012 ⌚ History

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## RaspberryTortoise WebControl

nodejs is used to provide the web interface for the control of the raspberryTortoise.

### Installation

```
sudo apt-get nodejs git
cd ~
git clone https://github.com/raspberrytorte/tortoise.git
```

### Run Manually

```
sudo node ~/tortoise/nodejs/raspberryTortoise.js ServerIP ServerPort drivePath
```

where:

serverIP : default 192.168.0.10, is the address of the webserver, this should be the same address used by the server in motion.

serverPort : default 8080, is the port of the webserver.

drivePath : default "../drive" , the path to the folder containing the motor drive code. If you use a relative path it should be routed from the directory where you manually call node. If you run node automatically, use the full path.

### Run at Startup

to run the server automatically when you power up the RPi

```
sudo nano /etc/rc.local
```

add the line

```
nano <pathToTortoise>/nodejs/raspberryTortoise.js ServerIP ServerPort drivePath
```

### Security Note

In order to execute motor drive commands the node needs to run with SUDO privileges.

This is very nasty and has security implications.

Be very careful if you deploy this on an RPi that is web connected.

### Webserver

Using your browser navigate to <http://ServerIP:ServerPort>

example:

```
http://192.168.0.10:8080
```