Table of Contents

1. Willy Git setup . . . 2
    1.1. Github synchronisation . . . 2
    1.2. Github Repo Willy . . . 3
    1.3. Github Repo Web platform . . . 3
    1.4. Build . . . 3
    1.5. Accounts . . . 3
    References . . . 3

Welcome

Project Willy

- Willy
- Publicity
- Sponsors

Startup Willy

- Driving Willy
- Remote
- Willy Web

Configuration

- GIT Setup
- Ubuntu
- Remote
- Wiki

ROS

- Introduction to ROS
- Navigation

Technical

- Development Guide
- Findings
- Hardware
- Known Bugs
- Parameters
- Software

Web interface

- Development Guide
- SAD
- RosNodeJs
- Interaction

Research

- Hardware
- Peripherals
- Sensors
- Social interaction

- Software
- Web interface

Design

- Background
- Design Guide
- Technical
- Realisation

Status and Advice

- Status
- Todo & Advice

Archive

- (2016/2) Initial design
- (2017/1) Base & Functionalities
- (2017/2) Research

1. Willy Git setup

Commands used to set up the git repos in willy.

```
cd /home/willy/Documents
git clone https://github.com/ArtOfRobotics/WWEB
cd WWEB
git checkout -b test
git push -u origin test
-   Username: willythegarbagedisposal@gmail.com
-   Password:
cd ..
git clone https://github.com/ArtOfRobotics/WTGD
cd WTGD
git checkout -b test
git push -u origin test
-   Username: willythegarbagedisposal@gmail.com
-   Password:
```

1.1. Github synchronisation

A crontab has been created which ensures that Willy stays up-to-date with Github. Because Willy does not have a fixed external-IP or domain, it is unfortunately not possible to use Github Webhooks. That is why a crontab job has been set up, which is configured as follows:

```
sudo crontab -e

*/1 * * * * su -s /bin/sh -c '/home/willy/Documents/WTGD/bin/gitsync.sh ' >>
/home/willy/Documents/logs/git.log 2>&1
```

The script used for syncing github can be found on Github. The main purpose of the script is to do the following:

- Update the WTGD code for driving
- Set permissions for script folder
- (In the future): automatic building
- Update the WWEB code for web platform
- Set permisions for specific folders

Currently this line creates a pull of the test branch, later it is desirable to change this to the master branch for production code. Logs can be found in: /home/willy/Documents/logs/git.log

To track the status of git sync live use the following command

```
tail -f /home/willy/Documents/logs/git.log
```

1.2. Github Repo Willy

Can be found in /home/willy/Documents/WTGD

1.3. Github Repo Web platform

Can be found in /home/willy/Documents/WWEB

1.4. Build

Web interface For building the web interface refer to the Development Guide of the Web section.

Willy For building the software used by Willy refer to the Development Guide of the Technical section.

1.5. Accounts

All the accounts coupled to the email adress: willythegarbagedisposal@gmail.com can be found on the Google Drive

References

- link: https://artofrobotics.github.io/WillyWiki/Documents/#_willy_git_setup