Manual name

V0.0.1_English

Revision history

Version	Description	Name (githubname)
V0.0.1	First release (layout and some text to fill out layout)	Peter (Traffic_light)
	Total working time:	01:35:06

It's not possible to save the table style. When doing this all text will be zero and the table isn't having any color anymore.

Table of Contents

1   Introduction

Thank you for downloading this manual. We hope that this manual will help you to understand things like GIT, compiling your firmware, change you're marlin config and many more.

With this first release I hope that you guys understand what I'm trying to teach you. When you don't understand it, please send me a message with some hints and tips to make this manual better.

I hope you guys find this manual useful. Let me know what you think!

1.1   How to read this manual

This is just a short how to for now. This will be changed in the next release. This release is only for the layout and some text to see if you guys understand my writing style.

Okay. Now the how to read. In this manual you will sometimes find words you think: What is this word. To explain this, the first time this word will be found it looks like this: *difficult word*[romaine number].
Where [romaine number] indicates the location in the reference chapter.

At the end of this manual there is a reference for all these words, see *chapter **4 References** on page **8***. There is a small explanation what it means. When pressing the word you will be brought to this page.
When you click on the romaine number at the reference page, it brings you back to where you came from.

2   Using GIT

In this chapter you will read how to download a *GIT*[I] repo[II], clone it to your computer and keep it updated. Some basic GIT commands and tools will also be explained.

In *chapter **3 Compiling your firmware** on page **7*** you can read how to compile the firmware (which you want to download after my explanation perhaps)

2.1   Download a repo from git via a website

Downloading the complete git repo knows two way's. One is the website and the other one is through a clone.
This chapter describes the way to do it via the website.
For cloning a repo and the benefits of doing this, see *chapter **2.2 Clone and update a repo** on page **6***.

> *N**ote:*** The screenshots that are used in this manual are from github. Other git websites may locate the things differently.

2.1.1 Download the complete repo

When you want to download a repo you have to be in the root of the project. In the root of the folder there is this a green button above the repo content on the right.
Pressing this button will open the menu to download the repo (*see **Figure 1 - Download menu git repo** on page **5***)
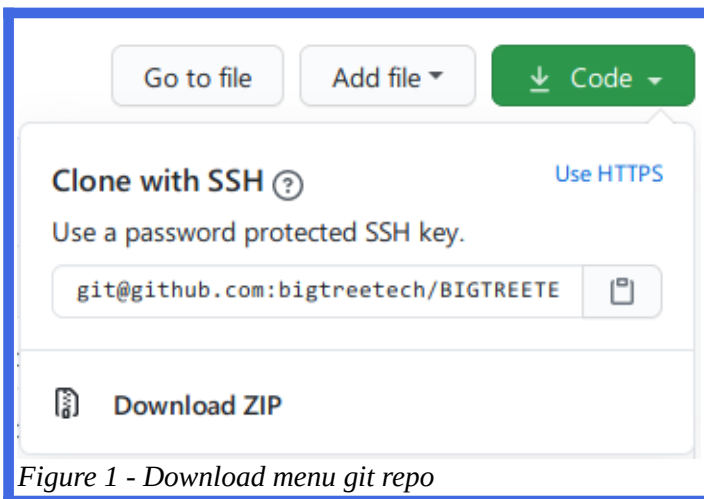In this menu, press the button *Download zip* to download the complete repo.

Figure 1 - Download menu git repo

2.1.2 Downloading a folder

Downloading a specific folder from git is not possible. The only way to do this is downloading the complete repro. *See chapter **2.1.1 Download the complete repo** on page **5***.

2.1.3 Download a single file

When you need just a single file to download browse to the file via git. You can do this by clicking the correct folders. When you've found the correct file, click on its name. Now you see the raw file.

There is a preview of the file. This only occurs when this is a known text, image or PDF file recognized by GitHub. When this is neither of them it will display the text "view raw".

To download the file, press the button Download int the upper right corner.

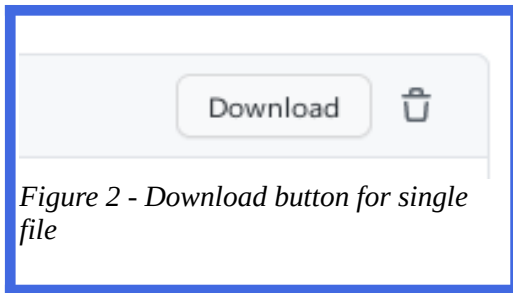*See **Figure 2 - Download button for single file** on page 5*

Figure 2 - Download button for single file

2.2   Clone and update a repo

Cloning a repo from git is a little bit tougher then just download it from GitHub. But when you know how to do this it's pretty useful and can help you updating you're firmware without changing the default config.ini to your needs. This chapter will explain how to do it and in the end the benefits.

2.2.1 Clone the git

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2.2.2 Update you're clone

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2.2.3 The benefits

..

2.3 Create issues on GitHub

When you noticed a bug, have a question or a feature request on I git project, you can use issues. You can also do this for this manual :)

3   Compiling your firmware

When download the new firmware for you mainboard or TFT screen you need to compile it. When it's done compiling it you can update it with the generated .bin file.
To do this you need to have vs code with platform io and the knowledge how to compile the software.

In this chapter this will be explained step by step.

3.1   Install vs code and platform io

1. Download VS-code from https://code.visualstudio.com/

2. Install it by opening the executable.

3. Install platform IO

4. This was it for now. I've got to switch to windows for it….

4   References

On the next page will be all references made in the main text. These reference try to make clear what a certain word means. With reading this references it could become easier to understand the main text.

Is there a word you don't understand? Let us know

I   **GIT**
This is a program that can manage big projects for you. There are many websites where you can host all you git-files. (GitHub, GitLab, bitbucket and many more).
For more information about git: https://en.wikipedia.org/wiki/Git

II **Repo**
This is just the shorten version of repository. In a repository you can find all the files needed.