Mac OS - install & configuration Git and GitHub

Legend:

*/ ……… */ - Autor's comments

Blue lines - git commands which you need to paste to Terminal

Pink links - hyperlinks

Gray words - you need to change them for your unique data

Green words - actions on the GitHub website

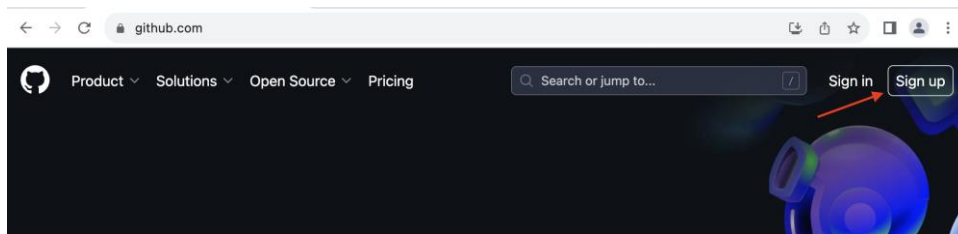*/ When you copy commands from this manual, please remember not to select any additional spaces

If something doesn't work, restart Terminal or computer and perform the steps again. Sometimes it helps */

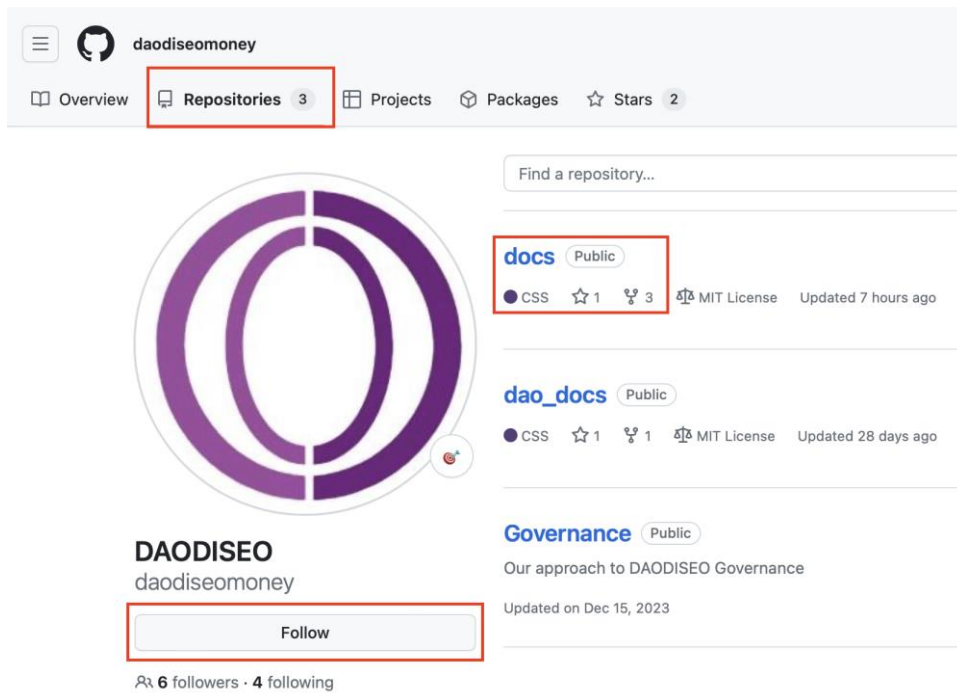## I. GitHub account registration and Daodiseo Repository Fork

1. **Open** GitHub website and set up your own account. In case you already have it, proceed to the next step.
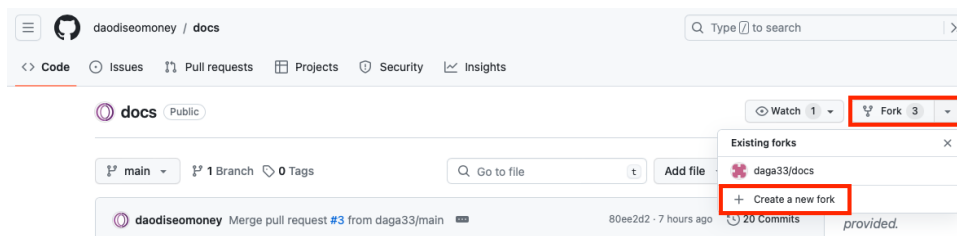

2. Once logged in, search for "daodiseomoney". Open DAODISEO GitHub profile and hit **FOLLOW** 😊

3. Go to "Repositories" and open "docs".

4. Click on "Fork" button and select "Create a new fork". With this step you are copying DAODISEO repository to your own GitHub account. You have now 1:1 copy under your personal GitHub that you can work on independently. Proceed to the next section.

II. Git installation

There are only few steps ahead of you, so please try to overcome them with curiosity, and then joy will come :)))

1. **Instal** Homebrew

a. **Open** Terminal

b. **Paste** this:

/bin/bash -c "$(curl -fsSL

https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"

c. **Click** Enter

/ If Terminal asks for a password, start typing and click Enter (letters won't be visible on

*the screen) */*

d. **Wait** until Terminal finishes.

2. **Restart** Terminal

3. **Paste** this:

brew install git

/ Wait until Terminal finishes/*

4. **Restart** Terminal**Now we are going to customize basic informations in Git, e.g. your email and user**

name

1. **Open** Terminal

2. **Paste** this command:

git config --global user.name "Your name" -> **Enter**
git config --global user.email "Your email address" -> **Enter**

III. How to connect Git with GitHub account

1. **Open** Terminal

2. **Copy** and paste this

ssh-keygen -t ed25519 -C <here type your email>

*/ without angle <> brackets */*

3. When Terminal shows following message „*Enter file in which to save the key*

(/Users/

user/.ssh/id_ed25519)" -> click Enter to accept default localization

/ you can change the path and filename but then you need to remember where it is placed

and how is named your key and type it every time when it would be in use./*

4. **Generate** and **type** unique password then **click Enter** */copy and save password in*

password manager, e.g. Keychain*/*

5. **Type**/paste it one more time and **click Enter**

6. **Copy** below command to the Terminal:

pbcopy < ~/.ssh/id_ed25519.pub

*/ If you want to see your key, You can open notes app and click - command + v, but it is

not necessary) */

7. **Open** your GitHub account

8. **Click** on your profile picture -> settings -> SSH and GPG keys -> click on button „New SSH key"

9. **Type** the name - e.g. „MacBook" then move to Key field and click „Command + v") **accept by** clicking „Add SSH Key" button.

10. If GitHub ask for your GitHub password then **type** it and **accept.Now you need to check if everything went correct**

11. **Copy** and **paste** command to Terminal

ssh -T git@github.com

12.Terminal will show info „*The authenticity of host 'github.com (140.82.121.4)' can't be established.ECDSA key fingerprint is SHA256:<numbers of ssh key…> Are you sure*

you want to continue connecting (yes/no/[fingerprint])? no"

13. **Type Yes** -> click **Enter**

14. Terminal will ask for password -> **type password** from step 4th and **click Enter**

*/ You should get a message „Hi <your user name>! You've successfully authenticated, but

GitHub does not provide shell access." **/*

15. Well done! You did it! Now you can enjoy your recently acquired technical skills :-)

*/As a Master of technical skills you need to copy repository from DAODISEO GitHub, but
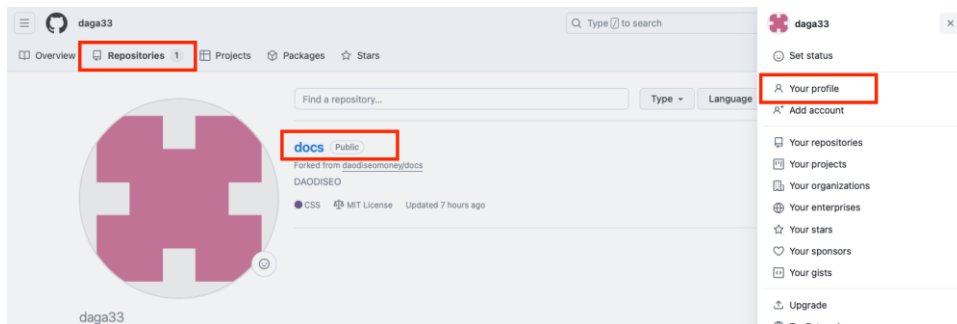
it will be piece of cake for you :)) */

IV. How to clone a repository from GitHub

1. **Create** a new folder on your desktop (e.g. „project" or „daodiseo")

2. **Open** Terminal

3. Now you need to move to folder in which you will put the repository. So copy command below and paste it to Terminal and click Enter.

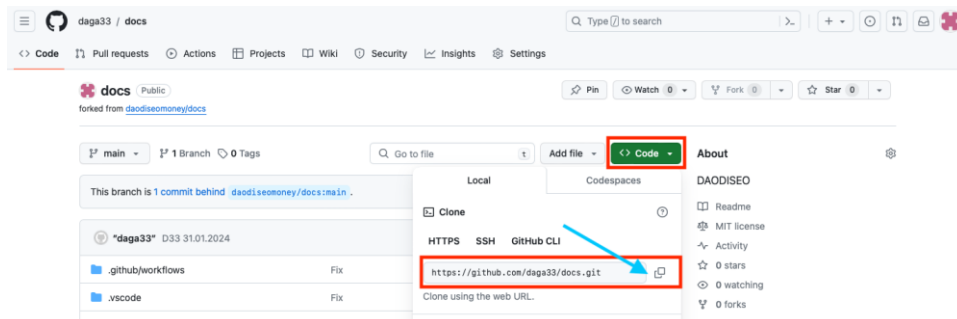*cd ~/Desktop/<folder from first step name>*

*/ without angle <> brackets , e.g. cd ~/Desktop/project */

4. **Open** your personal GitHub profile. Go to "Repositories". Select "docs" that you have already copied from DAODISEO.

5. **Click** on green button „<> Code"

6. **Copy** repository URL code

7. Type below command in the Terminal

git clone <repository URL address from 6th step>

*/ without angle brackets. In this case command would look like below: */

git clone https://github.com/<your_GitHub_user>/*docs.git*

8. Wait until Terminal finishes

9. Check if repository exists on your computer in folder which you created in the first step.

10. Ooops, You did it again! ;-)