

PLEASE USE THE GITLAB VERSION (it can be updated)

*Have you find a mistake? Start a gitlab issue or message me on discord. (author bellow)*

## Download

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Cube programmer is availabe throught AUR package.

```
$ yay -S stm32cubeprogrammer
```

It will show you the configuration wizard. Just go trough it.

## Rules

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You need to set udev rules. Those are shipped by STM. You can found them in the directory you choosed in the wizard. For me it's `~/STMicroelectronics/STM32Cube/STM32CubeProgrammer/Drivers/rules/`.

You can copy the whole directiory with following command.

```
$ sudo cp STMicroelectronics/STM32Cube/STM32CubeProgrammer/Drivers/rules/*.* /etc/uc
```

This will copy everything so you should remove the readme and version text files.

```
$ sudo rm /etc/udev/rules.d/Readme.txt
```

```
$ sudo rm /etc/udev/rules.d/version.txt
```

*Note: You can leave the text files in the udev folder.*

## How to flash

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After opening the CubeProgrammer you should look on the right side. There are connect options. When you select UART and the IC is in normal mode you should see something like `tttyACM0`.

When the IC is in BOOT mode you should select USB option and after refresh you should see something like `USB1`.

*Note: You have to click on the refresh button every time.*

With successfully connected IC you can choose firmware and upload.

## Author

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This guide was made by Jan Cingr. Take this guide more as a starting point.

You can contact me at school email ([cingrjan@fel.cvut.cz](mailto:cingrjan@fel.cvut.cz)) or you can use discord ( the guy with name in hexadecimal).