

FLIPPER

Quickstart Guide

Downloading files from GitHub and uploading to Flipper

Getting files from GitHub to your Flipper

So you found cool files online on this website called “Github” and wonder how to install them to your flipperzero device?

Fear not, this little guide will show you exactly how to do just that, step by step!

First things first, to follow this guide its recommended that you are on a Windows machine or are familiar with other operating systems to follow the instructions without the images looking like in this guide.

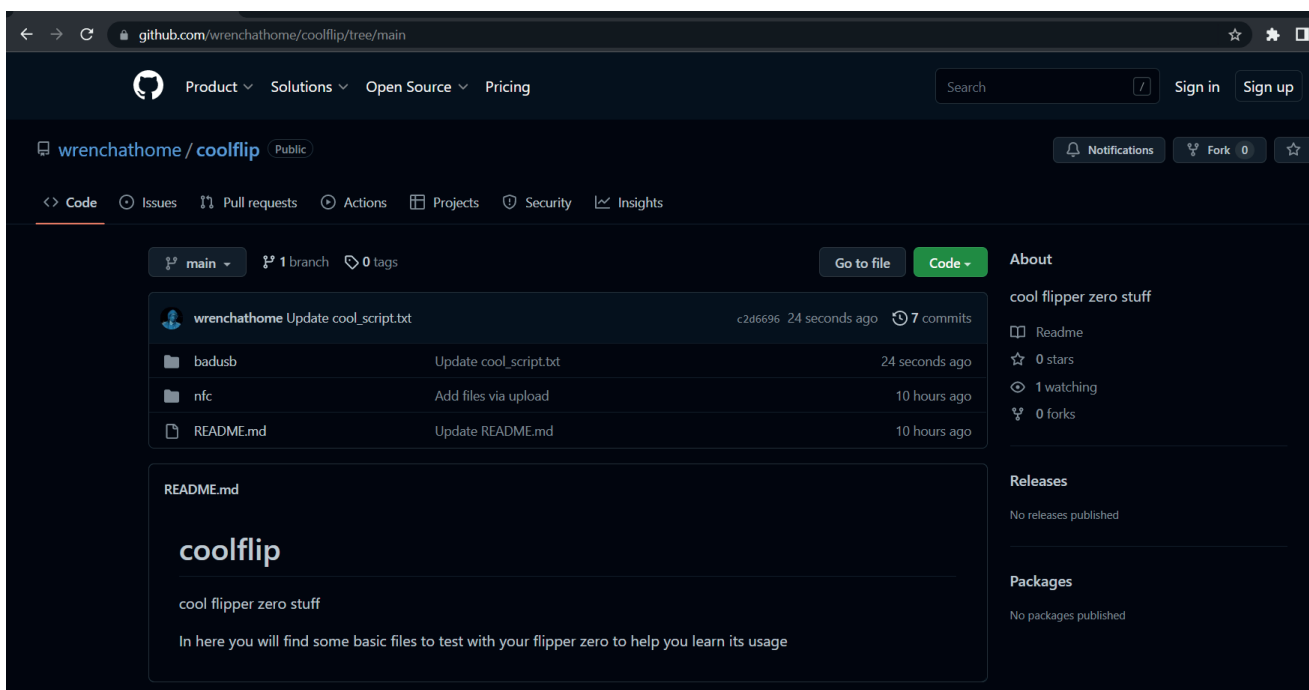
Also this guide assumes that you already have done the initial setup on your Flipper by updating it’s firmware once

If you did not do that by now, follow the instructions on:
<https://docs.flipperzero.one/basics/firmware-update>

Apart from that, you’re gonna need a GitHub repo you want to download files from

We’re gonna use Wr3nch’s beginner repo to teach you the basics, just copy or click the following link: <https://github.com/wrenchathome/coolflip>

Now you should see something like this in your Web Browser



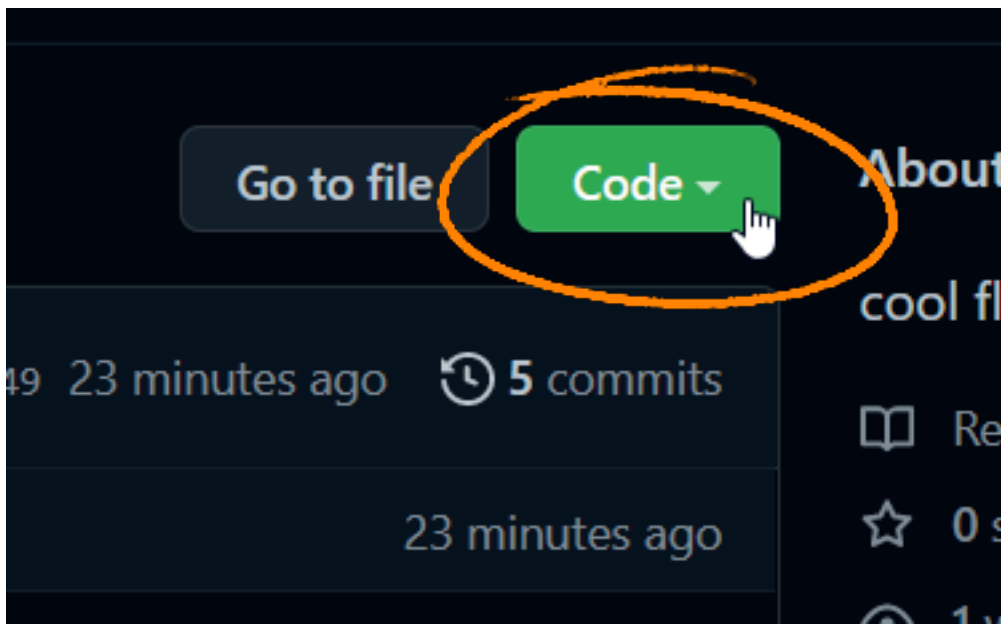
As you can see there are multiple folders which contain different files To download those we have 2 options:

We can download the whole repo all at once or get individual files

On the next page you will learn how to download the whole repo, and on the last few pages how to get individual files

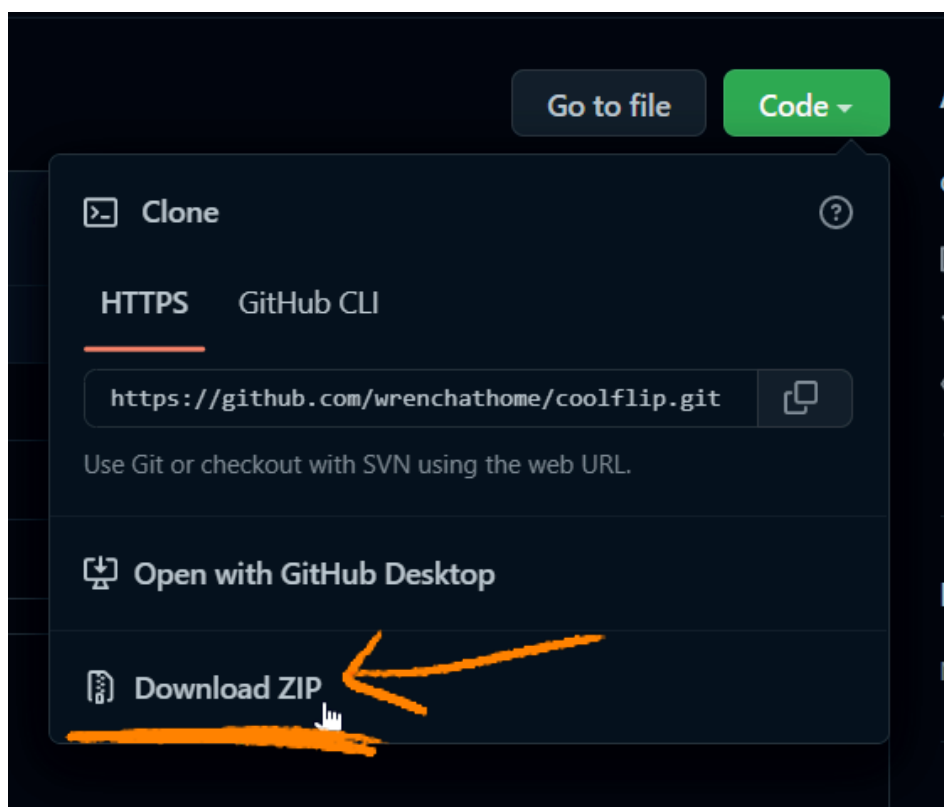
Downloading the whole Repo at once

Downloading the whole repo is easy to do! First click on the green button labeled “code”



You should see a box appearing with a few more options

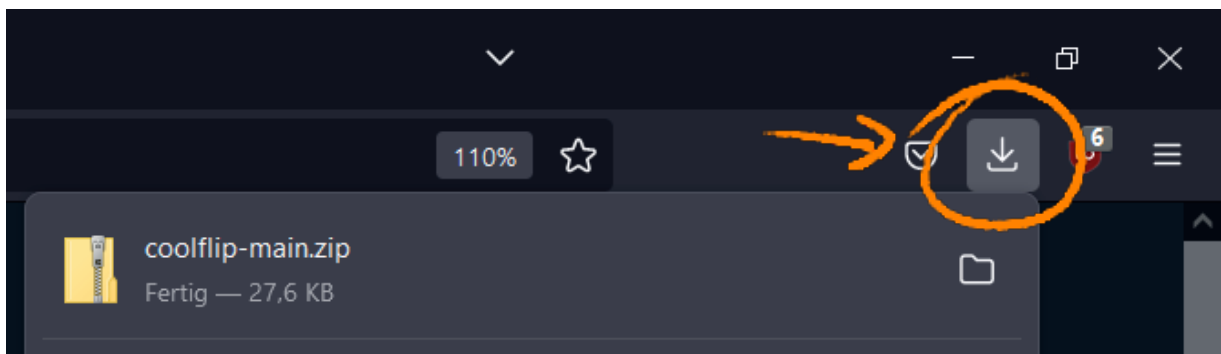
The one that you want to click is “Download Zip”



if you are using Google Chrome as your Web browser, you can see the downloaded file on the left bottom of your screen



Should you be on Firefox, it will appear on the top right corner instead

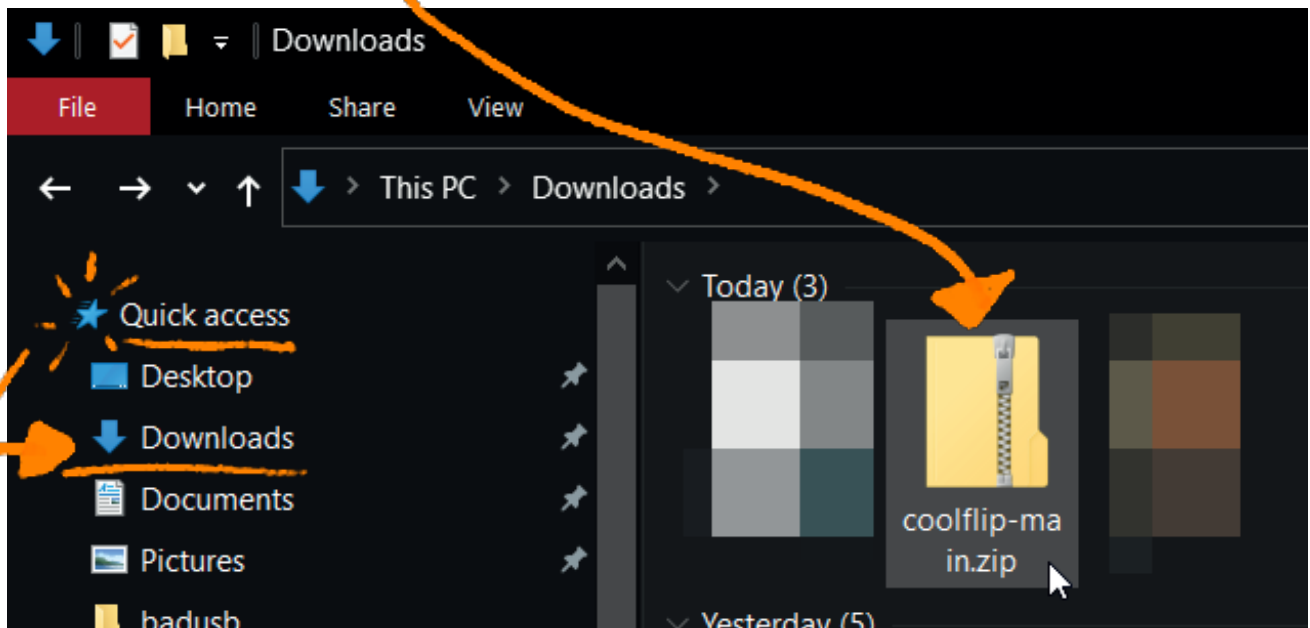


Either way, it's time to extract the Zip file and see what's inside!

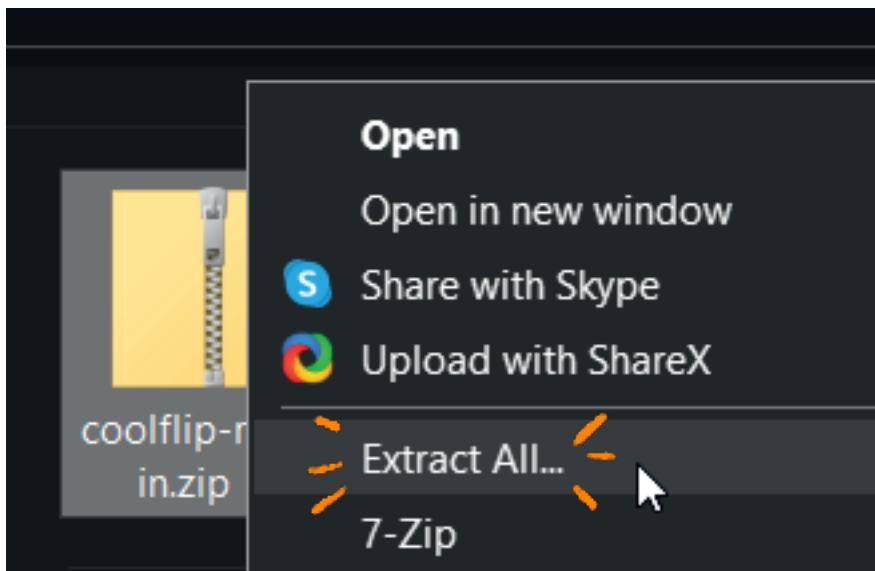
Extracting Zip files

So, you downloaded a Zip file but don't know what to do with it?
Don't panic, just follow these steps:

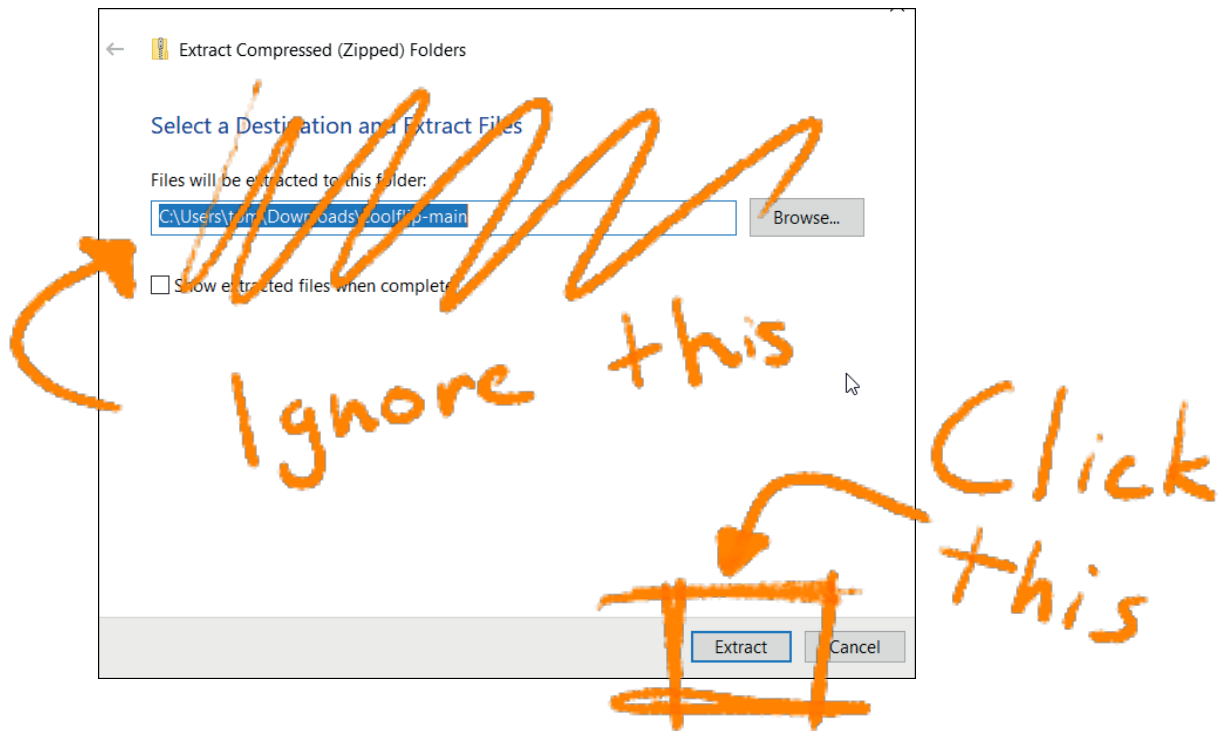
1. Open your File Explorer (Try pressing the Windows Key and "E" at the same time!)
2. Navigate to your Downloads folder
3. Find "coolflip-main.zip"



Right click on the Zip file and select "Extract All..."

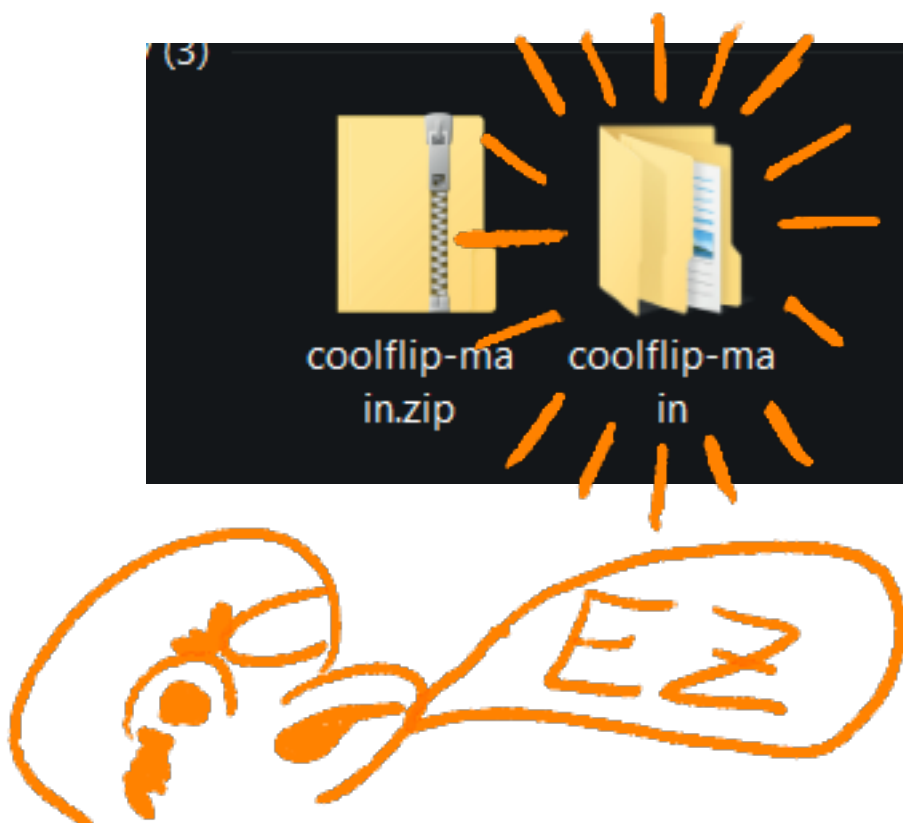


This window should appear now
you can leave everything as is and just click "Extract"



You now should have a folder named "coolflip-main" (without the .zip part)

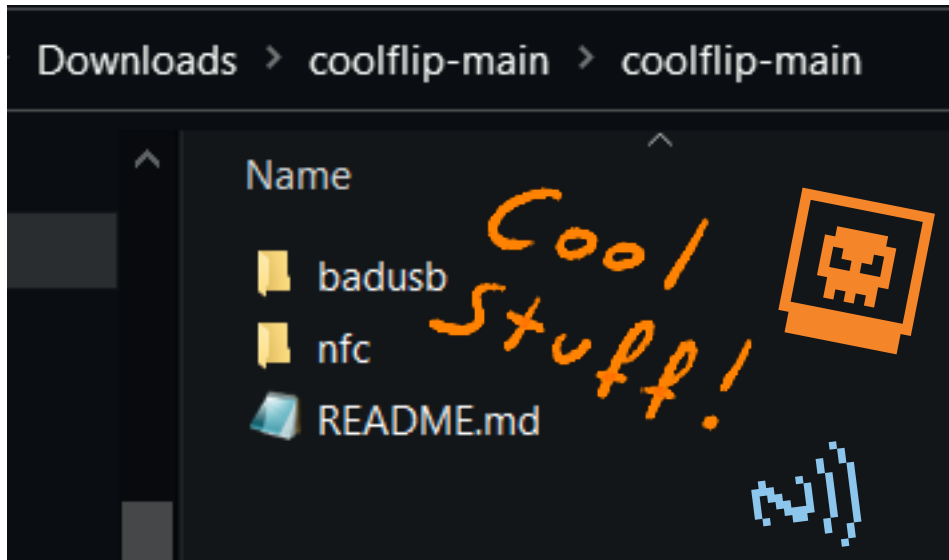
Just double click it to see what's inside!



Preparation for qFlipper upload

There is a chance that inside is just another “coolflip-main” folder
if so just open that again :)

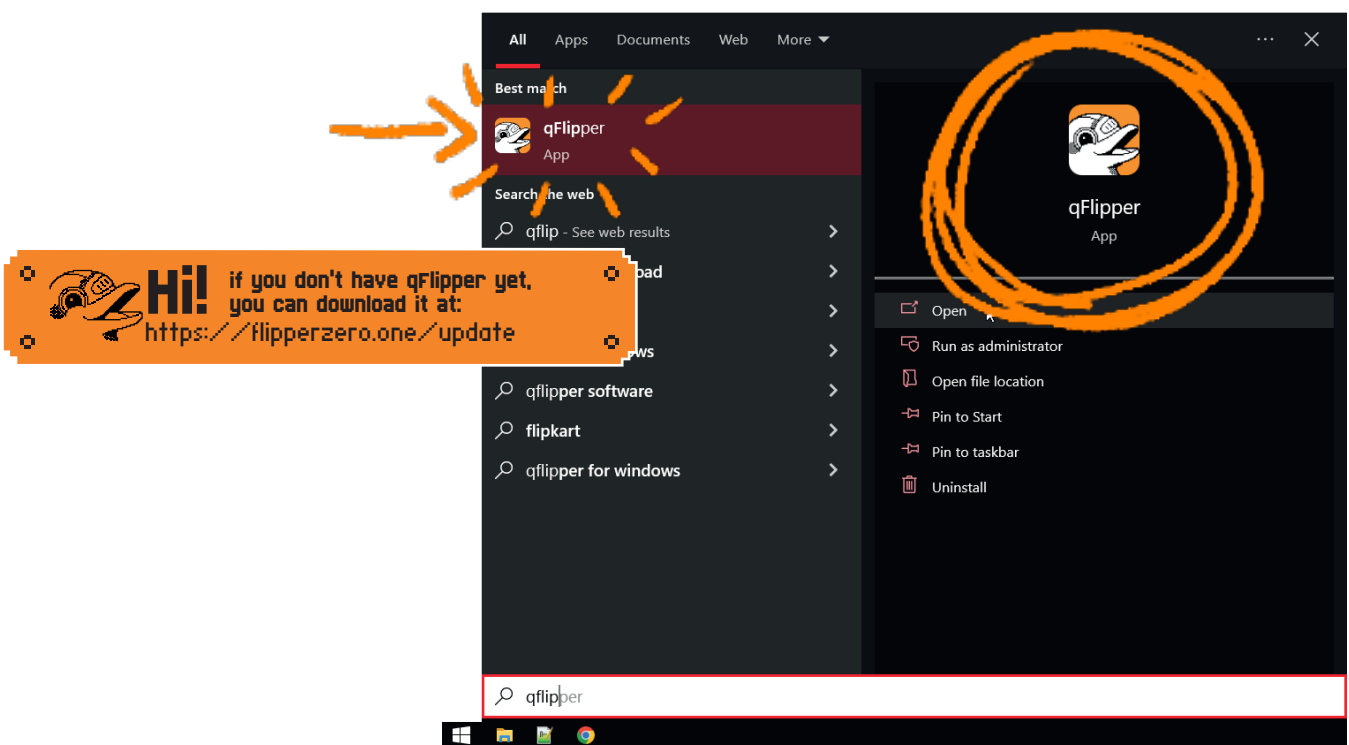
Make sure you see the following files and folders:



For now you can leave this window open, we’re gonna need it again in a minute

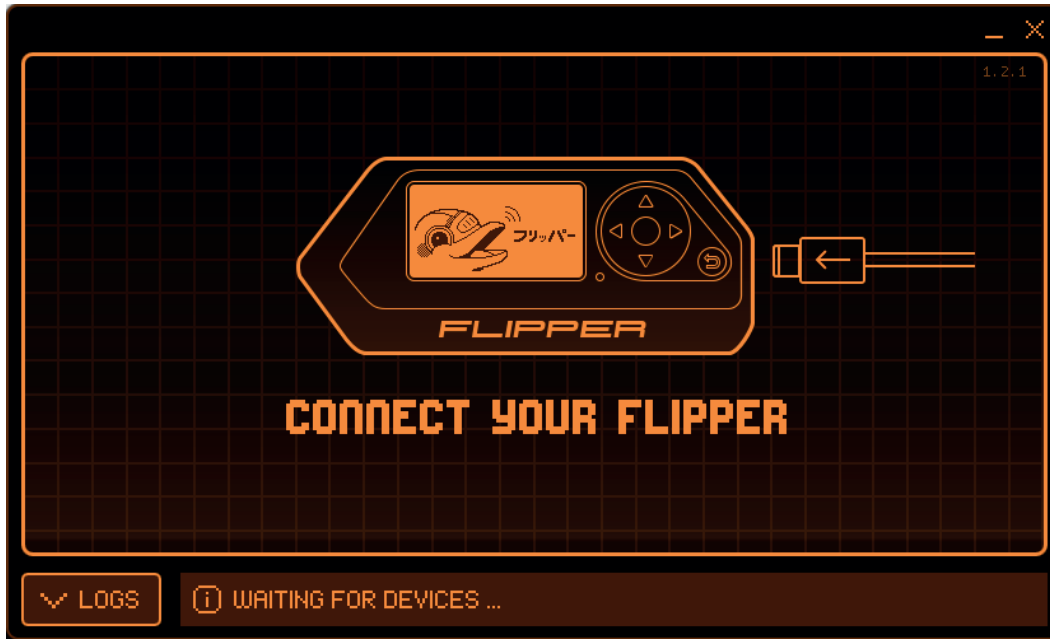
To get familiar with qFlipper, we will upload the BadUSB and NFC files to our device

Now, let’s launch qFlipper, just press the windows key and start typing, you should see the icon appear, just click on it

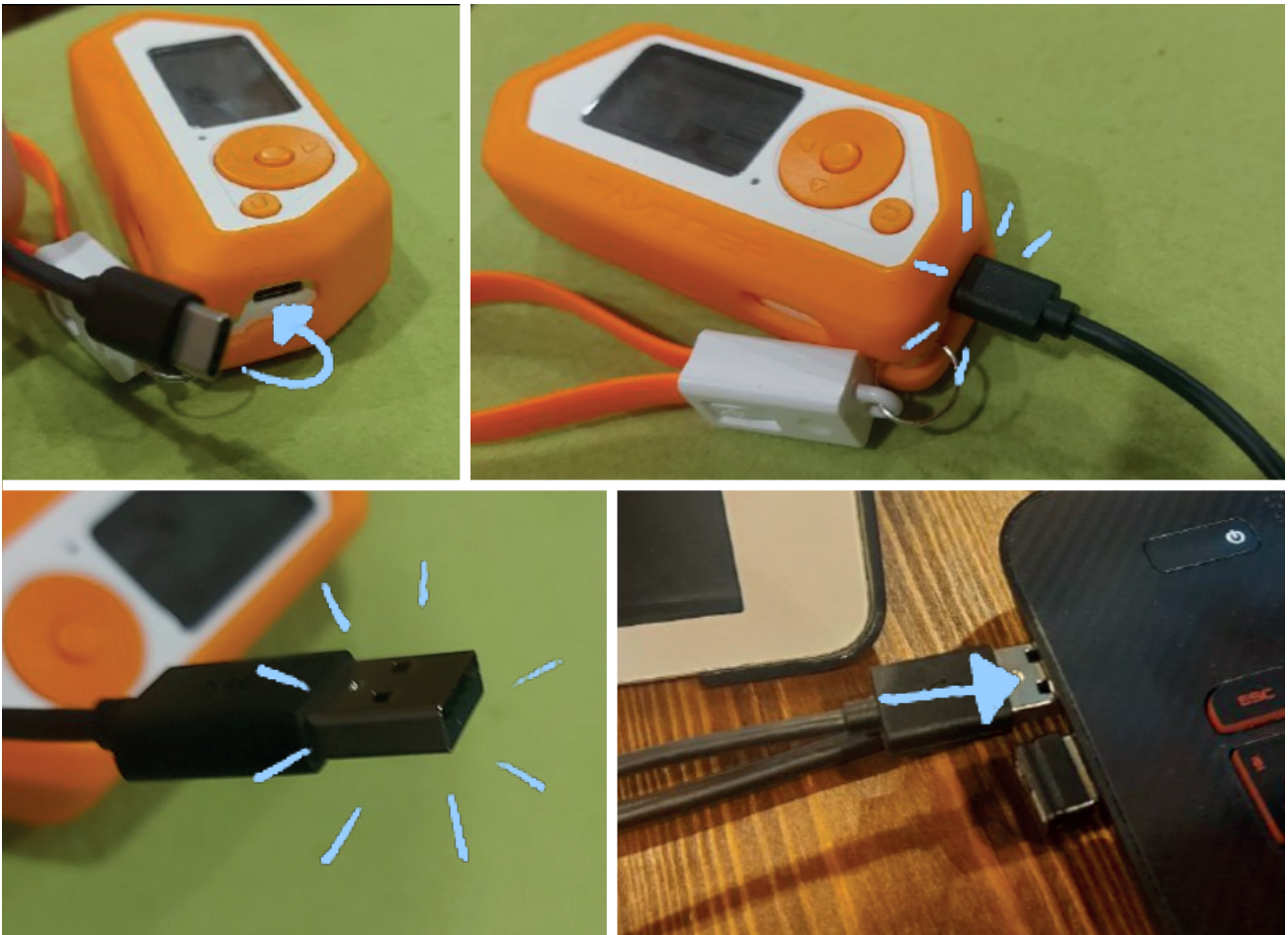


qFlipper

Once you open qFlipper you should see the following screen, assuming you haven't connected your Flipper to your PC yet

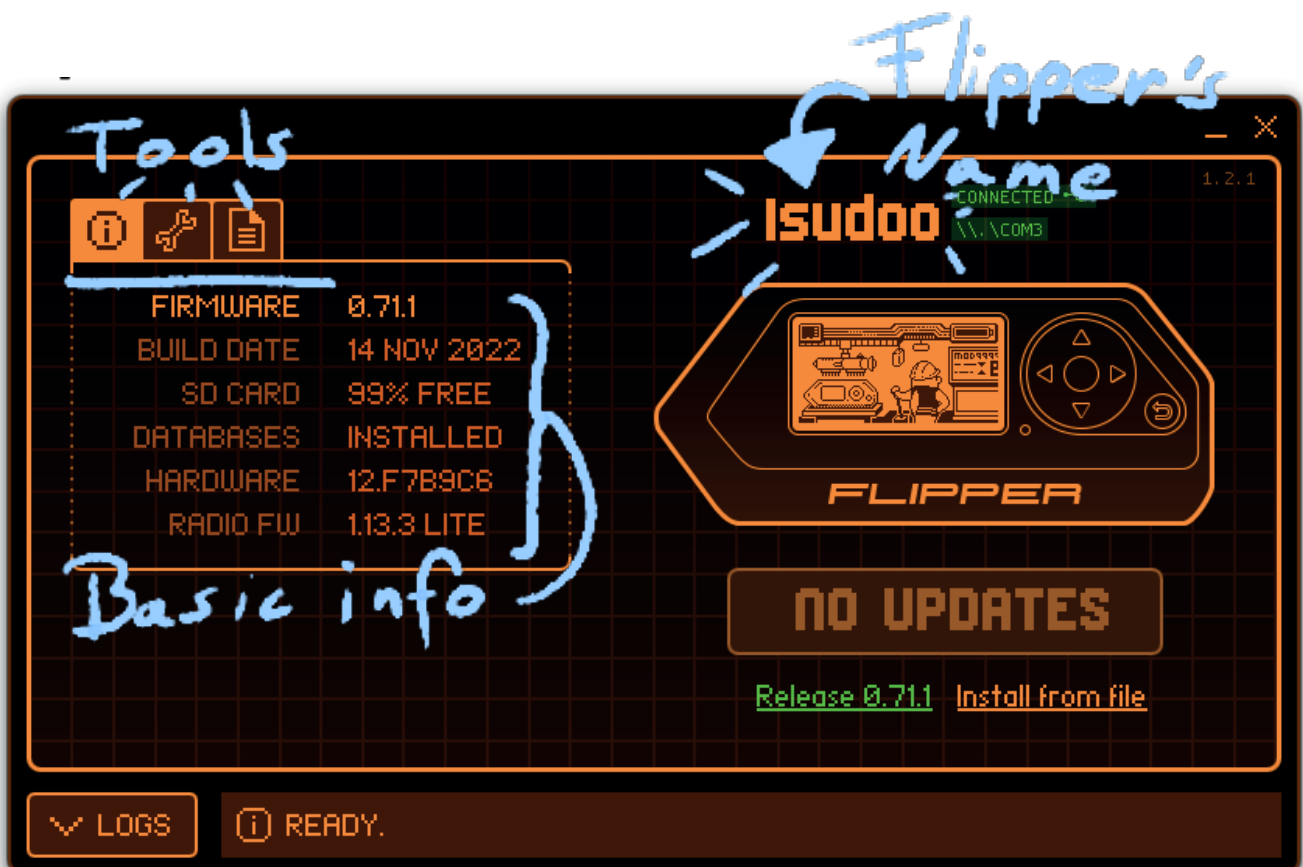
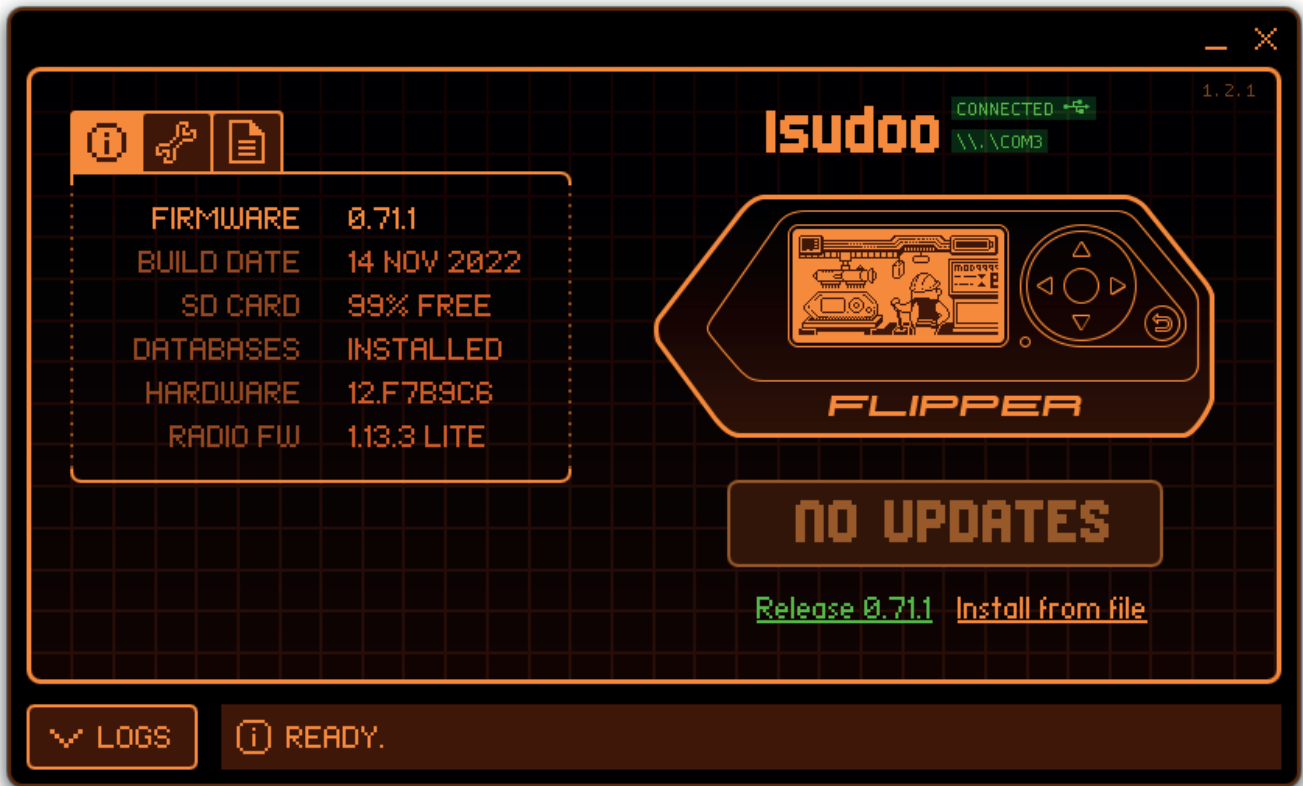


Connecting your Flipper to your PC is pretty simple, just take the cable that was included in the box and plug one end to the flipper and the other to your PC



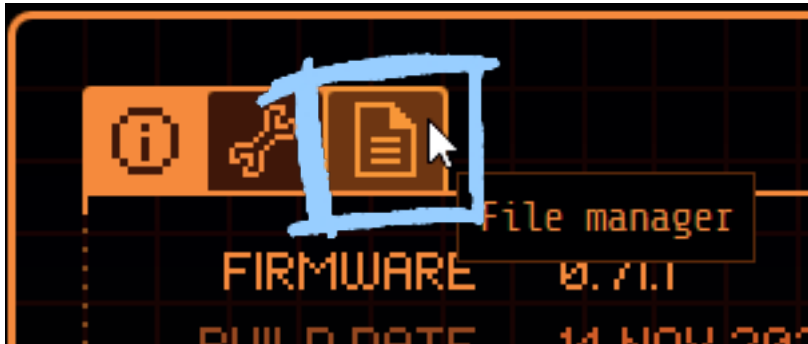
qFlipper 101

When your Flipper is plugged in, qFlipper should change and look similar to this:



qFlipper File browser

To upload (or download) files with qFlipper, we need to select the file browser app inside qFlipper

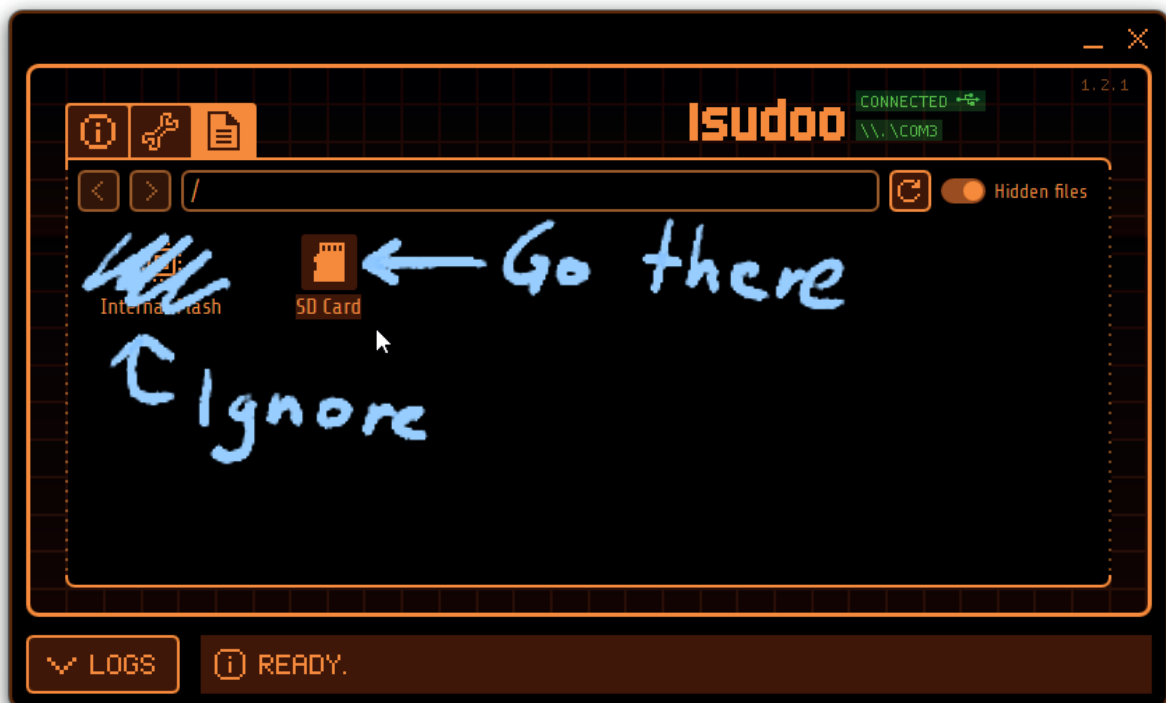


Your window should now display you 2 options to choose from

“Internal Flash” is very limited in space, so we don’t use it

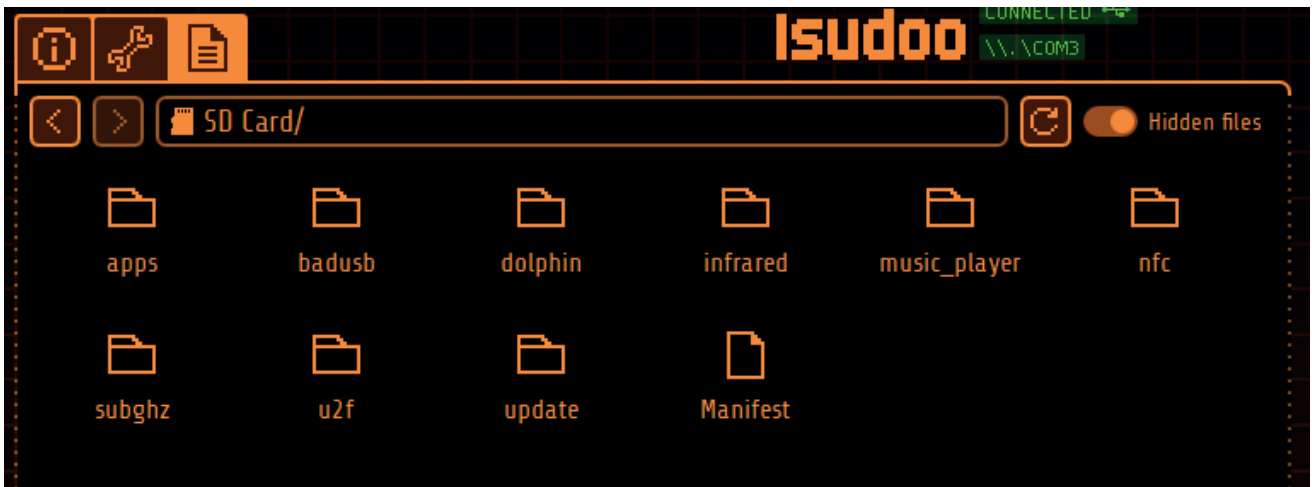
“SD Card” is the micro SD card you put in your flipper with all the free space we need

Click on it like a regular folder in your Windows file explorer to open it



qFlipper File upload

Once you opened the SD Card within qFlipper you should see a few folders

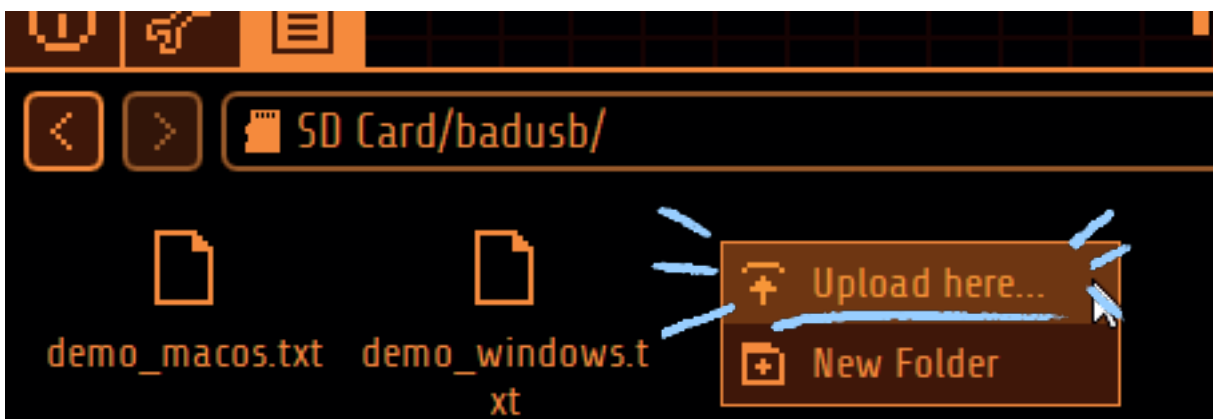


You may realize that our “coolflip-main” folder also has a “badusb” and “nfc” folder let’s open up the “badusb” one, both in qFlipper and in our Windows File browser



Now we need to upload the “cool_script.txt” into the badusb folder of our flipper, There are mainly 2 ways to do so.

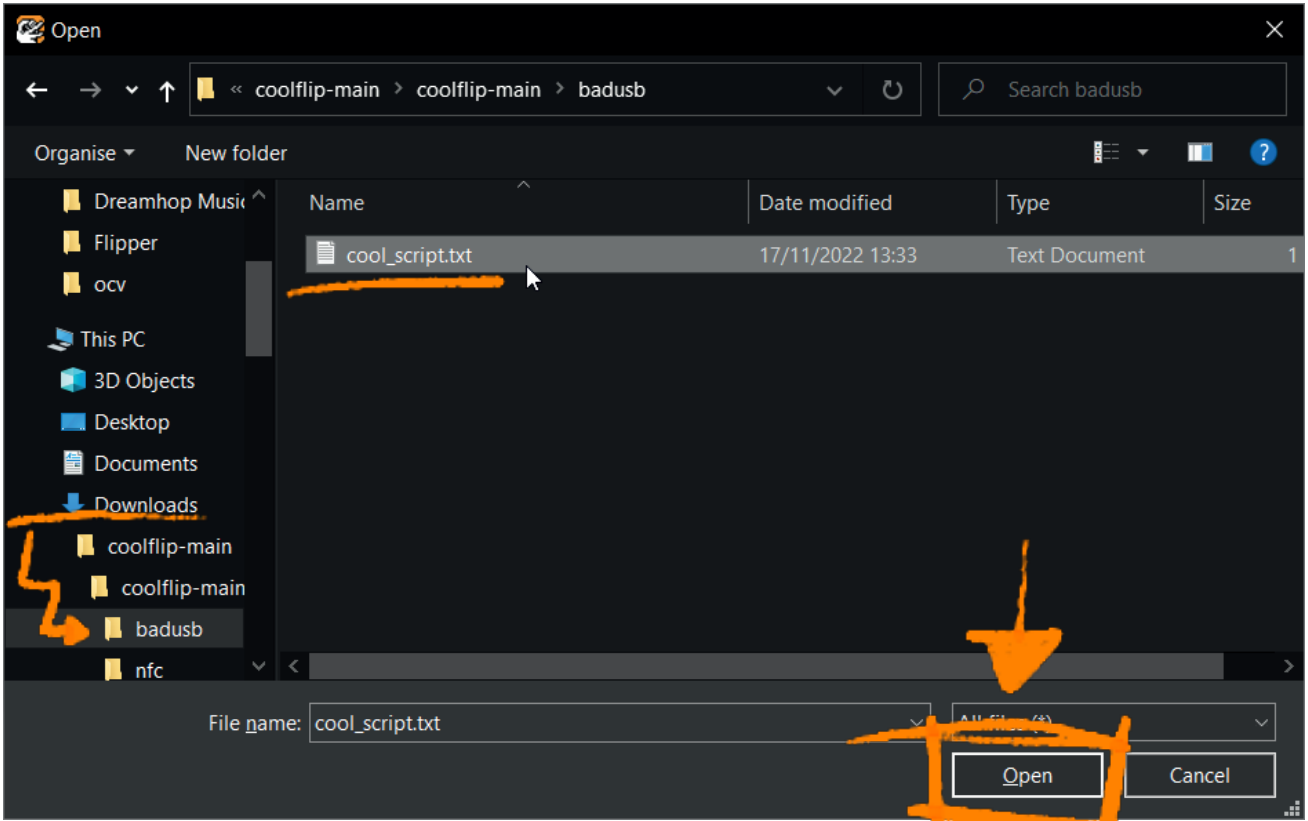
The first way is to right click on an empty space in the qFlipper file browser and select “upload here”



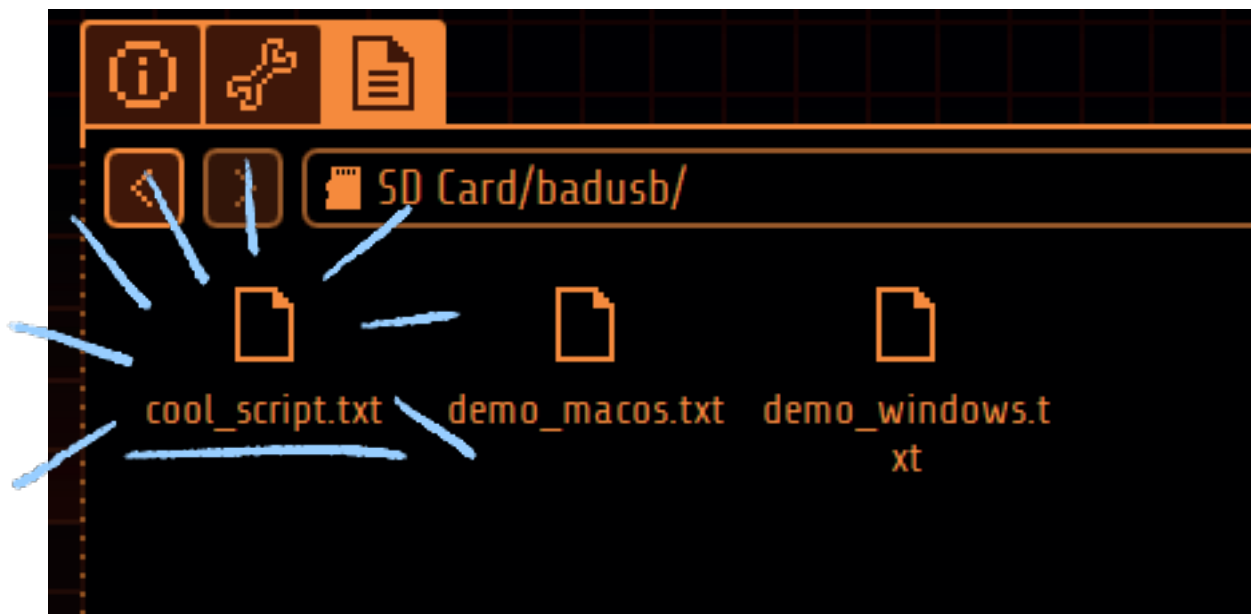
A new window will pop up and ask you to select a file

Head over to the Downloads folder, then coolflip-main folder and go deeper until you reach the cool_script.txt file

Either double click on the file within that window, or press the "Open" button on the bottom



And that's it! You now should have "cool_script.txt" saved on your flipper's SD card

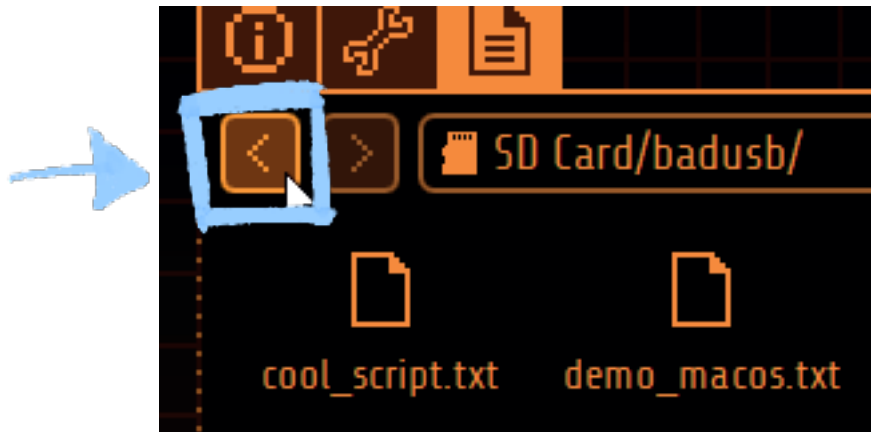


qFlipper File upload method #2

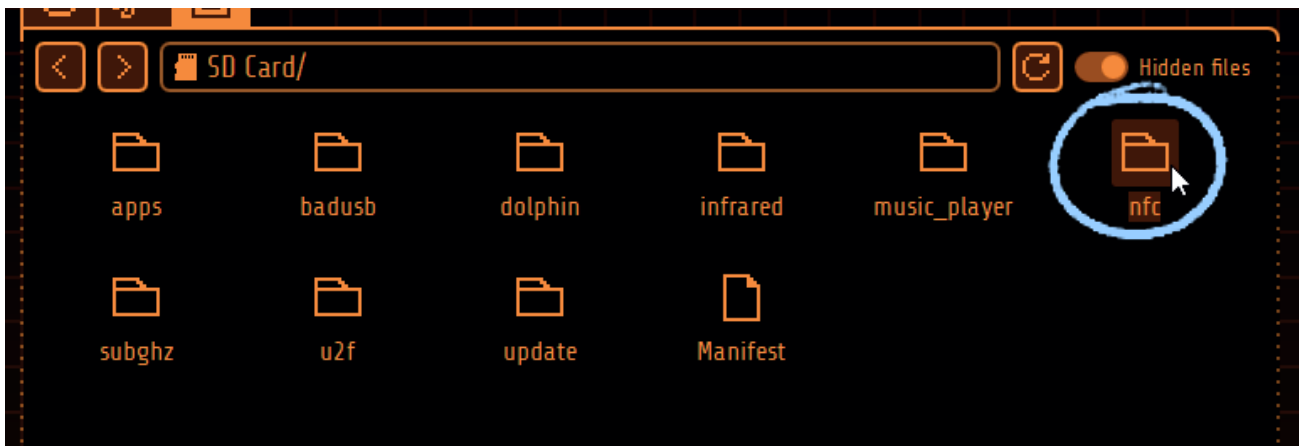
Uploading the file was pretty easy, huh? But there is an even easier way!

We're gonna try out this method with the NFC file.

First, within qFlipper, press the back button to go back one folder

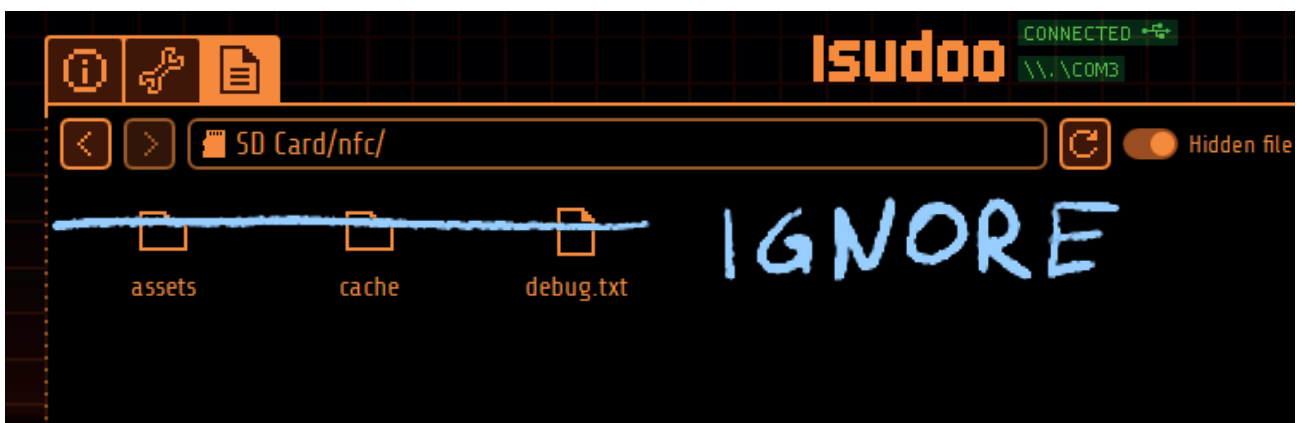


Now we double click the NFC folder to get inside

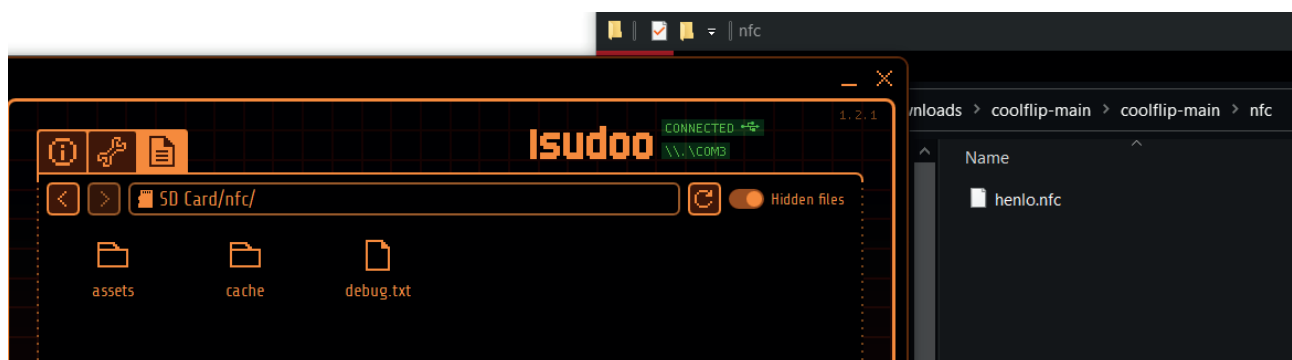


As you can see there are already a few folders, named "cache" and "assets" it's best to ignore these folders since they contain information important for our flipper, but not ourselves

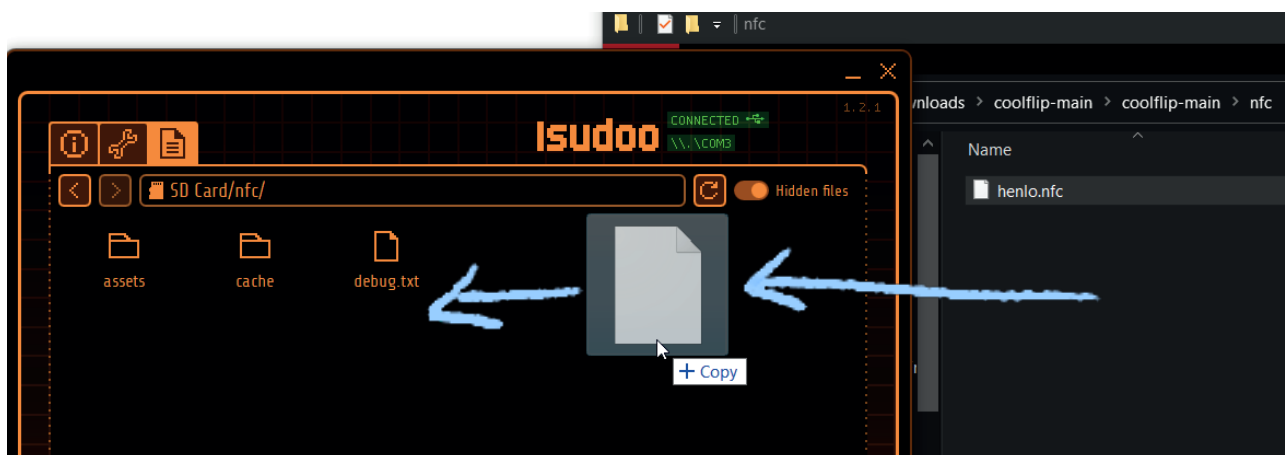
Also you most likely wont have the "Debug.txt" file, but that's okay! You dont need it



Now, open up that Windows file explorer window again, go back and open the nfc folder there instead of the badusb one, almost like we just did within our qFlipper



To upload the “Henlo.nfc” file, we just drag it from our Windows file explorer window right into the qFlipper window!



And that’s it! you now should have the “Henlo.nfc” file visible in your qFlipper



Hi! Avoid trying to upload many or big files with qFlipper since it might overload and freeze. To upload many files at once, it's best to take the SD card out of your flipper and put it into your PC via adapter

Downloading individual files from GitHub

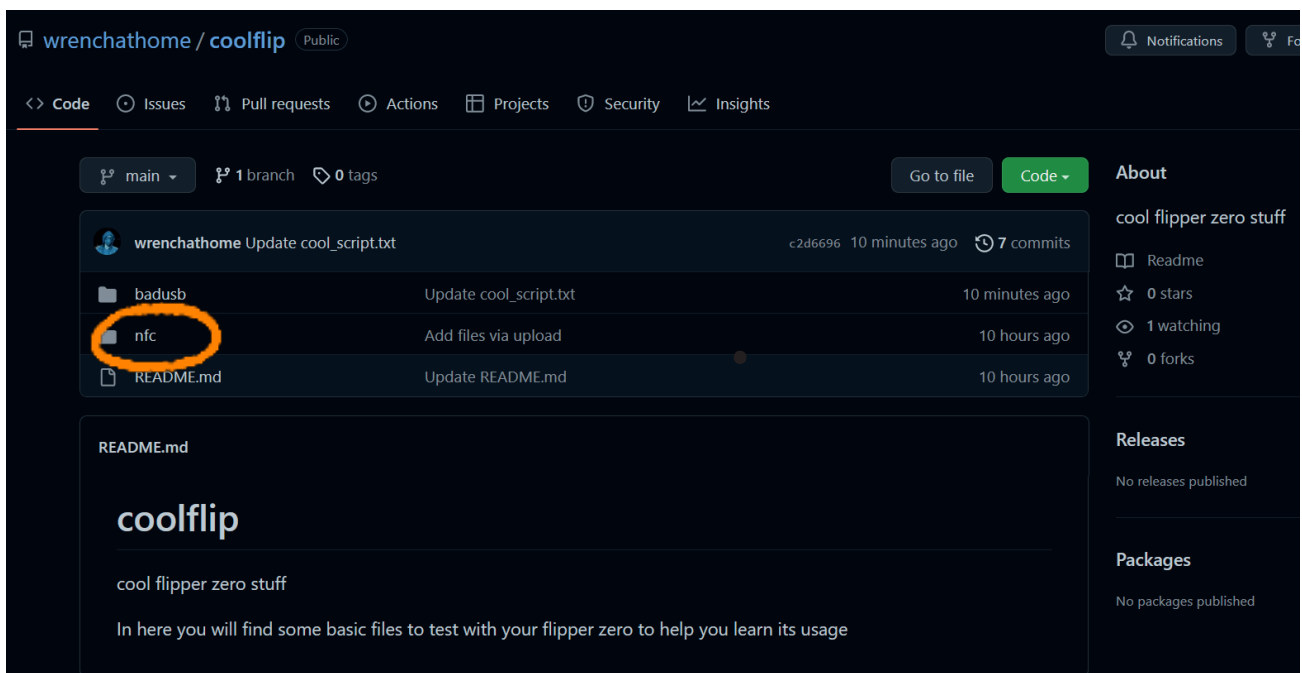
So you found a cool Repo but don't wanna all of it, just one or a few files manually?

Well, first we need to find the file we want.
In this case we use the "Henlo.nfc" from the coolflip repo

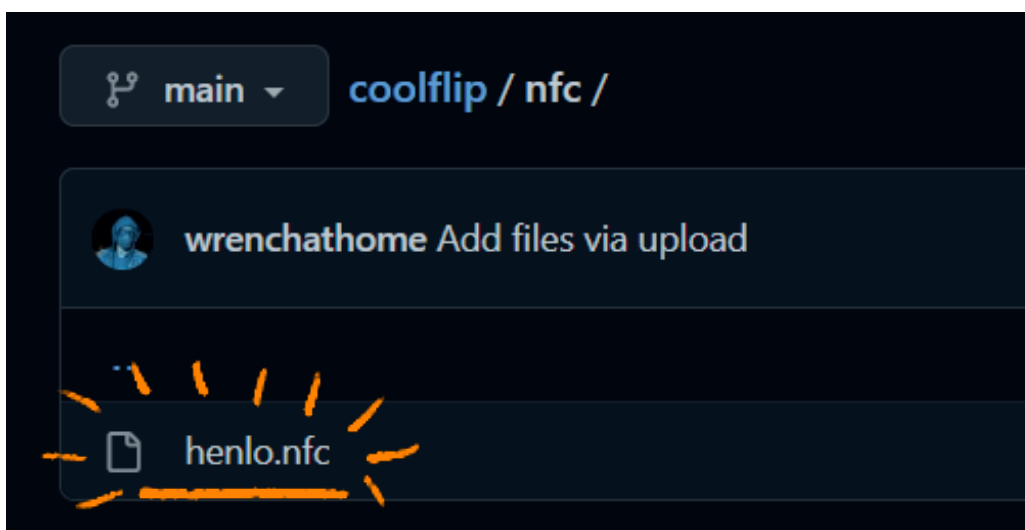
Head over to <https://github.com/wrenchathome/coolflip>

Since we want to get the NFC type file, we most likely will find it in the NFC folder

Just click on the folder's name and it should open automatically for you

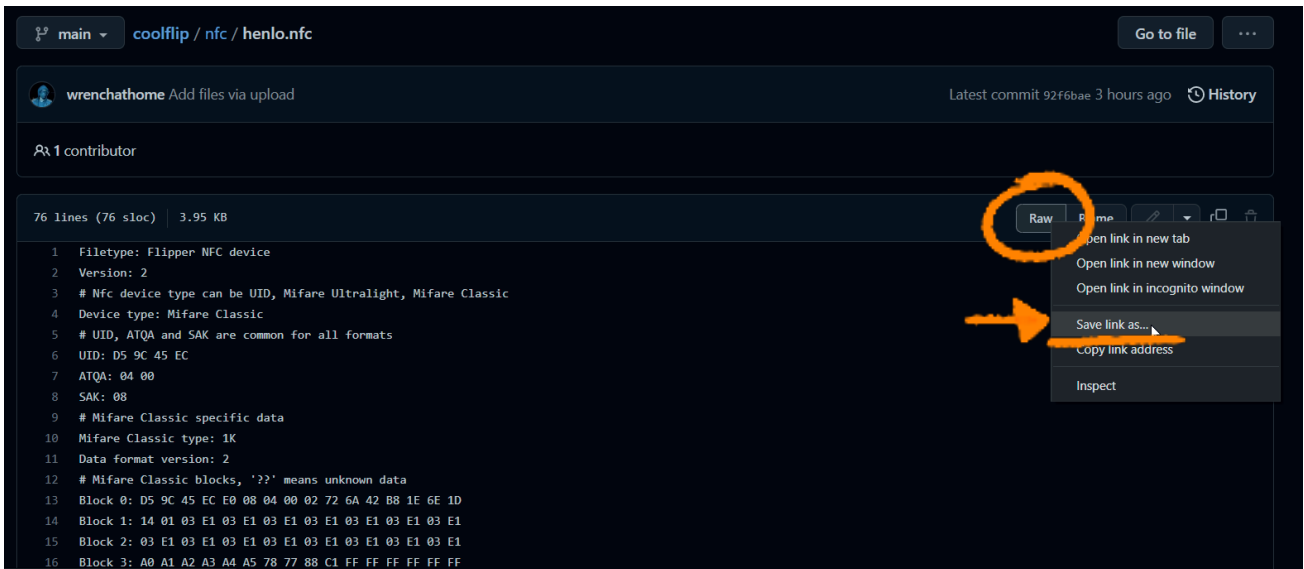


You now should see a single file in that folder, "Henlo.nfc"
Click on it like you just did with the nfc folder



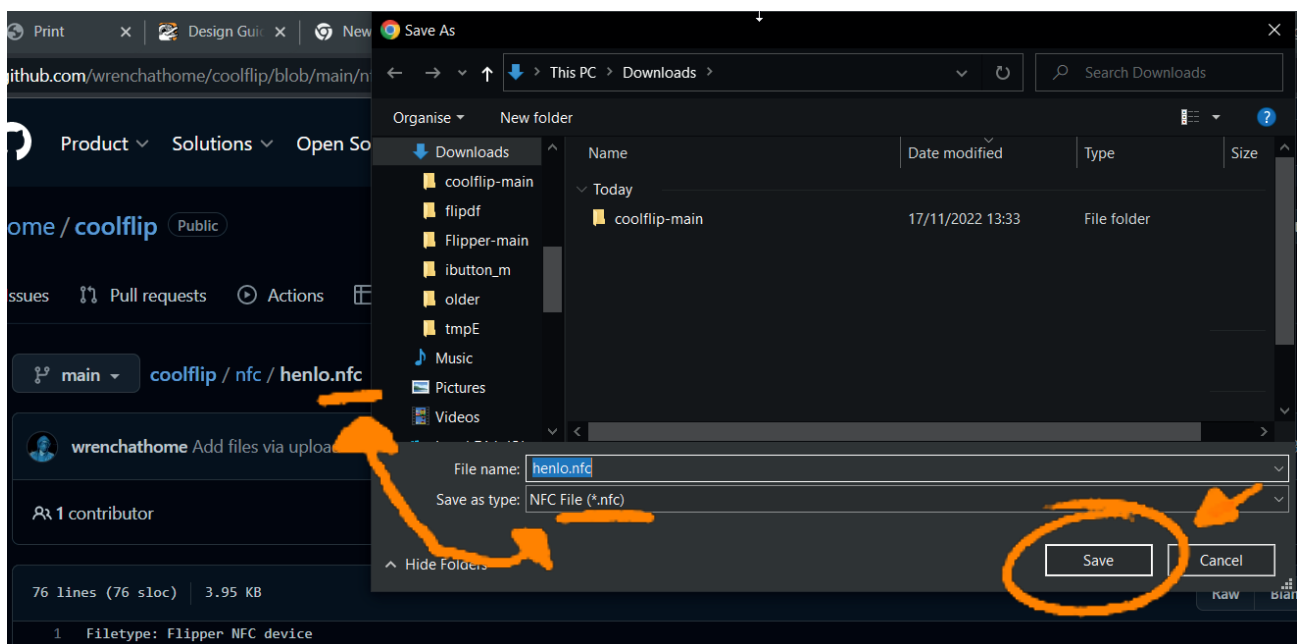
Now you should see the contents of the file displayed

To save the file, right click on the button that says “Raw” and select “Save link as”



A new window will pop up and ask you where and with what name to save the file as.

Make sure that the end of the file name is the same as you see in the repo. The filetypes can range from .txt, .ir, .sub, .nfc and many others so make sure to save “Henlo.nfc” as “Henlo.nfc” and not “Henlo.nfc.txt”, “Henlo.txt” or anything else



And that's it! You now should have “Henlo.nfc” saved in your Downloads folder, or where you chose to save the file as!