

Put it in your applications or program folder so that you can easily find it next time.

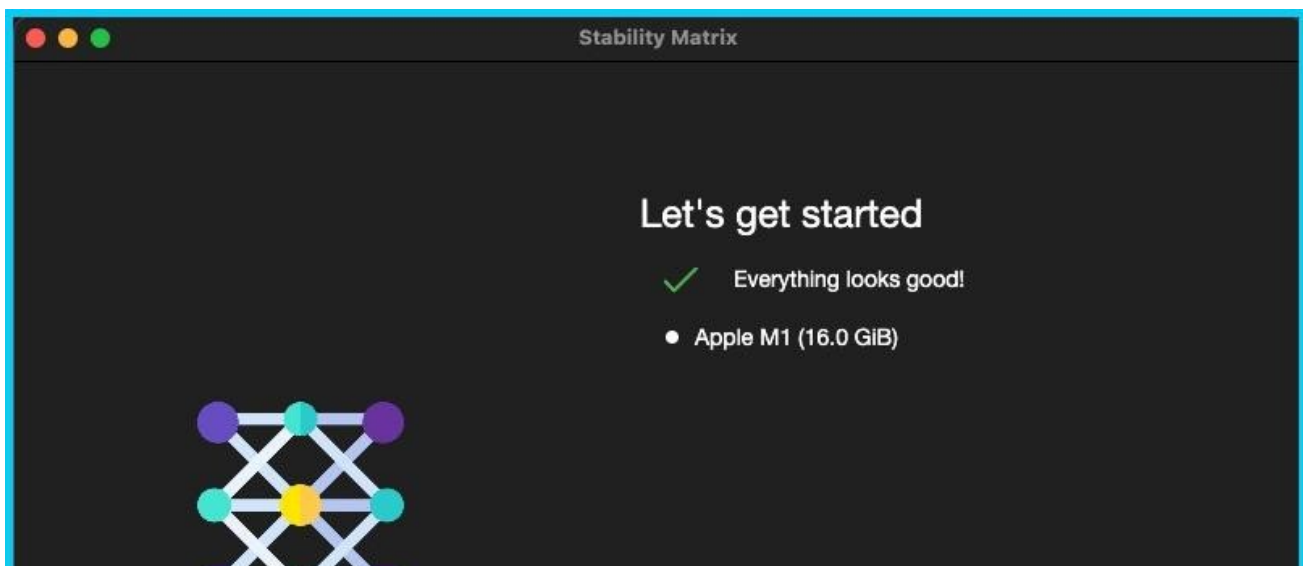


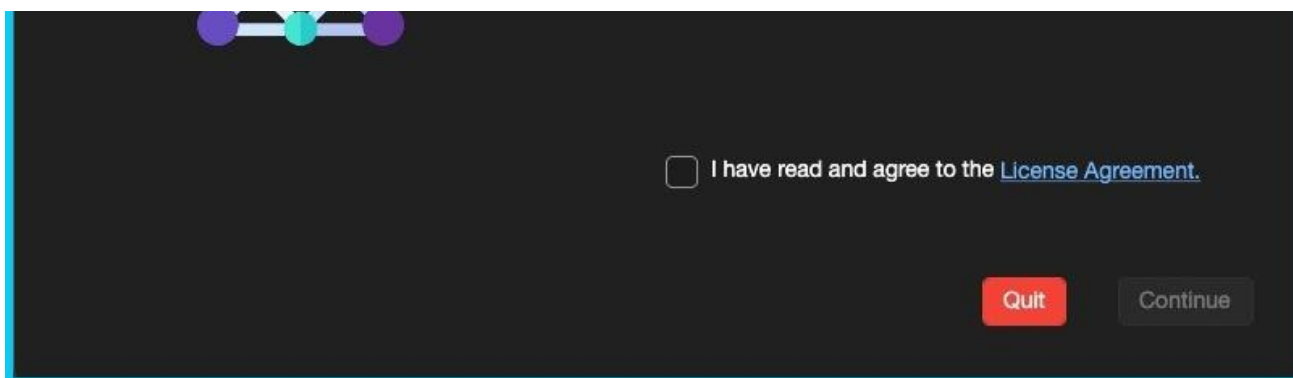
Step 2 - Activate Stability Matrix

Double click your new program to run it.

It will check your computer to see that you have a compatible setup.

(It worked for both my custom PC and my M1 Mac Mini no problem).



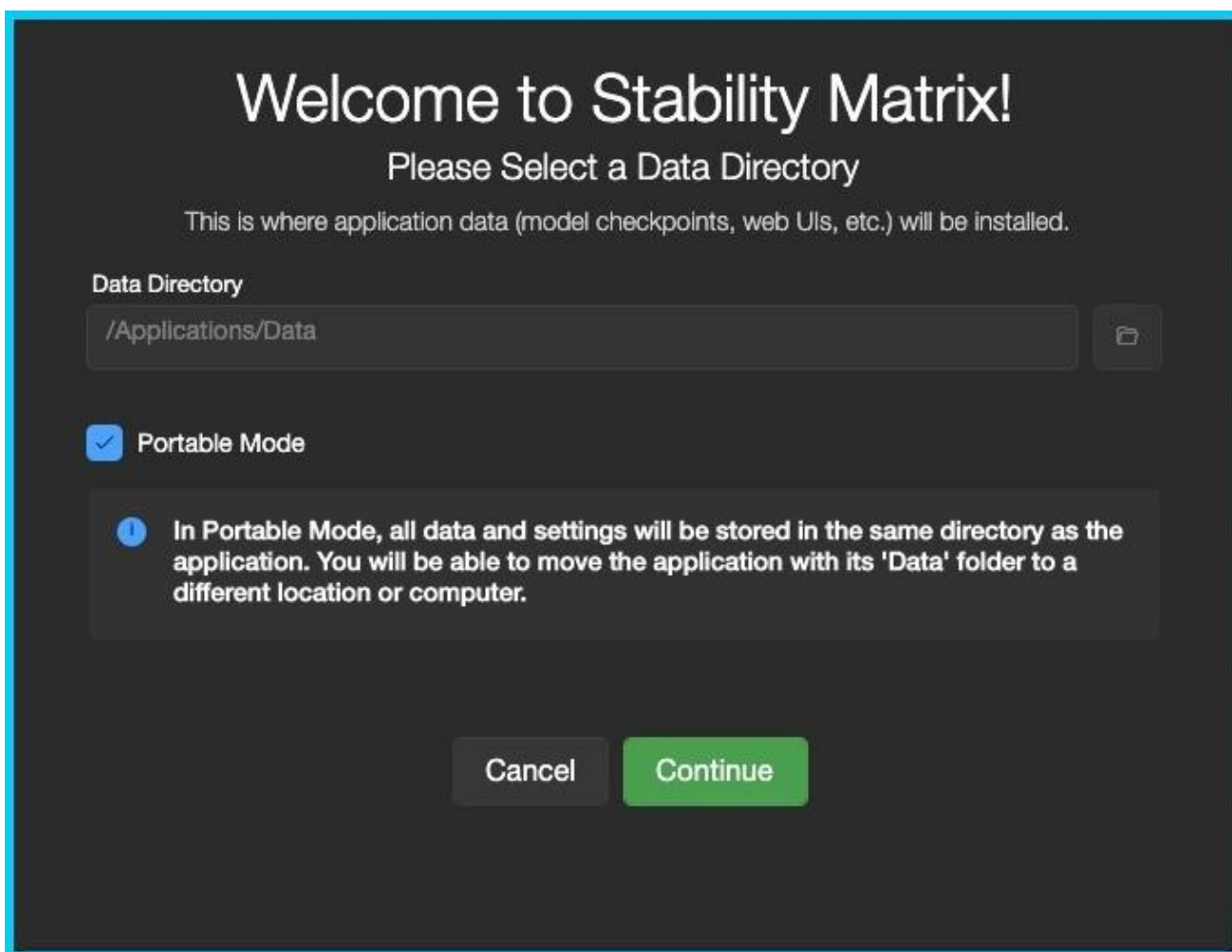


This next step is VERY important so don't skip past it.

Choose where you want to store the data from your AI image tools.

These files are all very big, so if you have multiple hard drives like I do for my PC, you want to put this on your slower data hard drive.

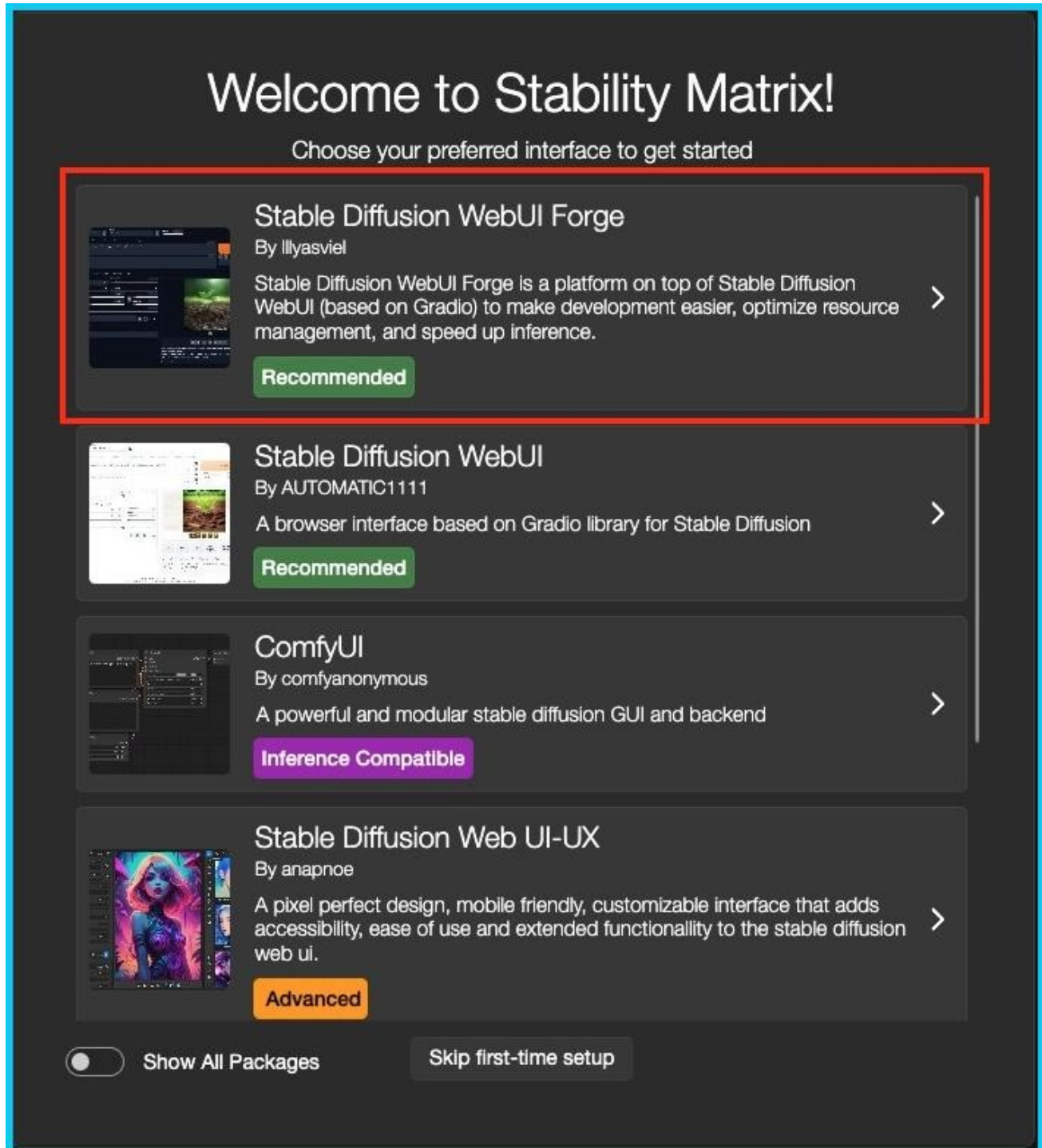
I don't want to fill up my program SSD with these files, so I created a folder on my storage drive on my PC.



My mac only has one hard drive, so I selected Portable Mode. (This will make life a LOT easier for the rest of this process.)

This will put the Data folder inside your Applications folder so its easy to find.

Step 3 - Install Stable Diffusion WebUI Forge

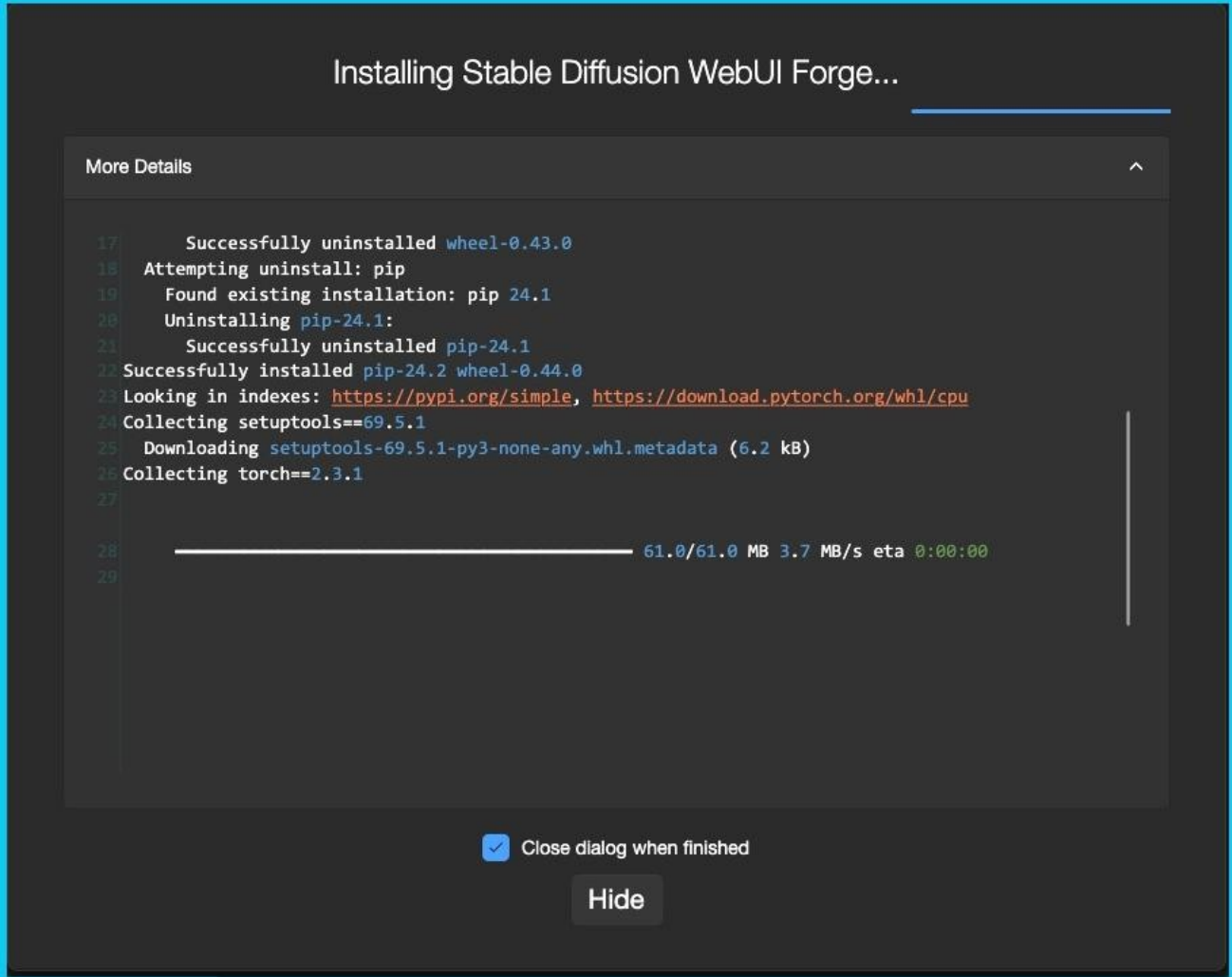


Click on the very first box that appears on the next page.

This will start installing your new AI Image generator software.

This process takes from 5-10 minutes depending on your computer.

Just let all the code run until the process is complete.



```
Installing Stable Diffusion WebUI Forge...

More Details ^

17     Successfully uninstalled wheel-0.43.0
18 Attempting uninstall: pip
19 Found existing installation: pip 24.1
20 Uninstalling pip-24.1:
21     Successfully uninstalled pip-24.1
22 Successfully installed pip-24.2 wheel-0.44.0
23 Looking in indexes: https://pypi.org/simple, https://download.pytorch.org/whl/cpu
24 Collecting setuptools==69.5.1
25   Downloading setuptools-69.5.1-py3-none-any.whl.metadata (6.2 kB)
26 Collecting torch==2.3.1
27
28   ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 61.0/61.0 MB 3.7 MB/s eta 0:00:00
29
```

Close dialog when finished

Hide

If you get an error during this process and see a bunch of red text.

Just run the installation a second time.

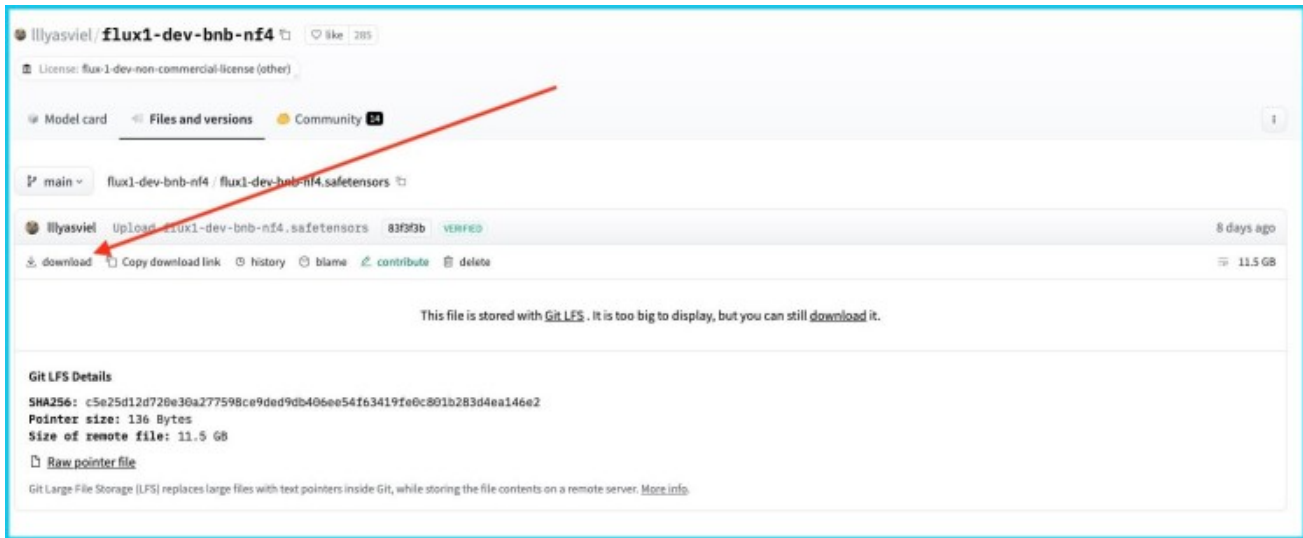
That always fixes the problem for me.

Step 4 - Download the Two Flux Files

We are going to download two files that will give us the latest and fastest version of Flux.

Go to the link below and download the file called "flux1-dev-bnb-nf4.safetensors"

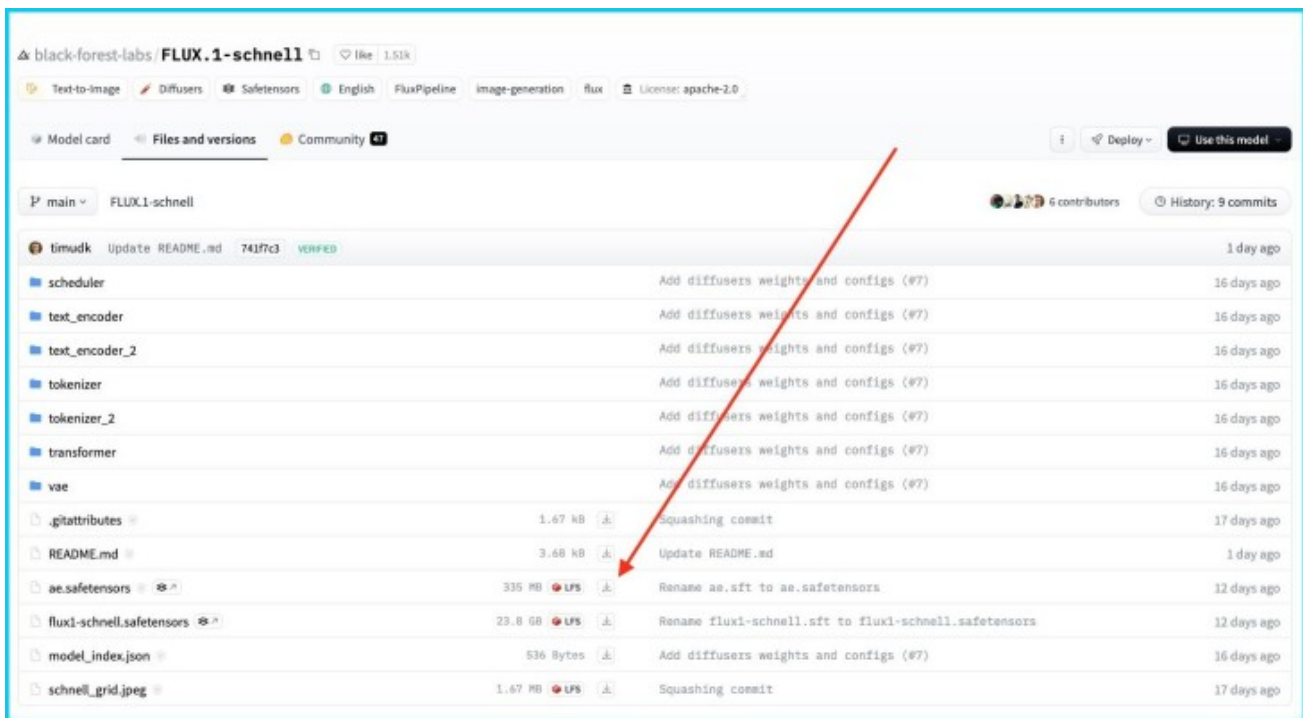
<https://huggingface.co/llyasviel/flux1-dev-bnb-nf4/blob/main/flux1-dev-bnb-nf4.safetensors>



Just click where the red arrow is pointing.

Then go to the link below and download "ae.safetensors"

<https://huggingface.co/black-forest-labs/FLUX.1-schnell/tree/main>



These are the only two files you have to move around manually.

Step 5 - Install the Two Flux Files

Recommended by LinkedIn

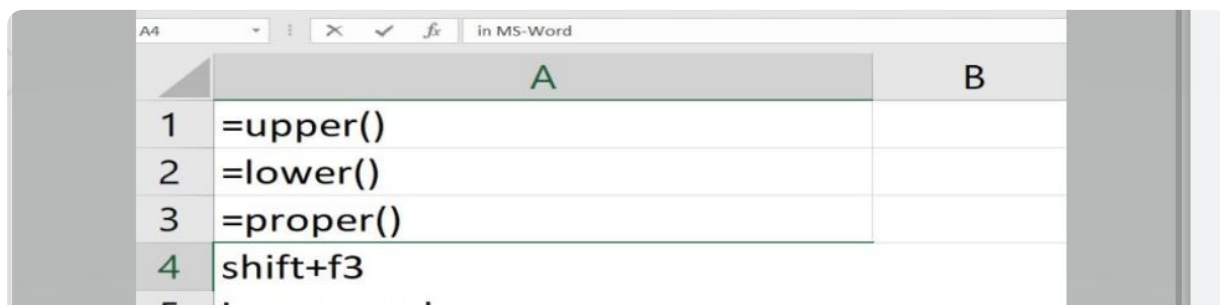
```
Version 1.8.2
http://www.titania.co.uk
Copyright Ian Ventura-Whiting 2009

Testing SSL server fsf.org on port 443

Supported Server Cipher(s):
```

ssh keyscanner

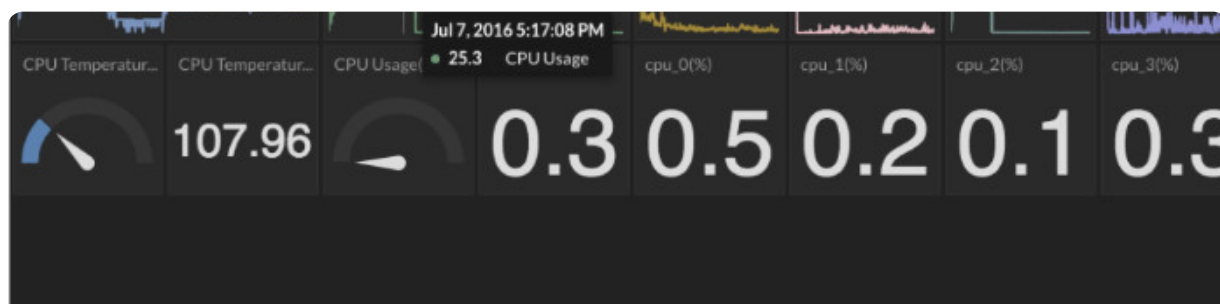
Dhamotharan P · 8 years ago



	A	B
1	=upper()	
2	=lower()	
3	=proper()	
4	shift+f3	

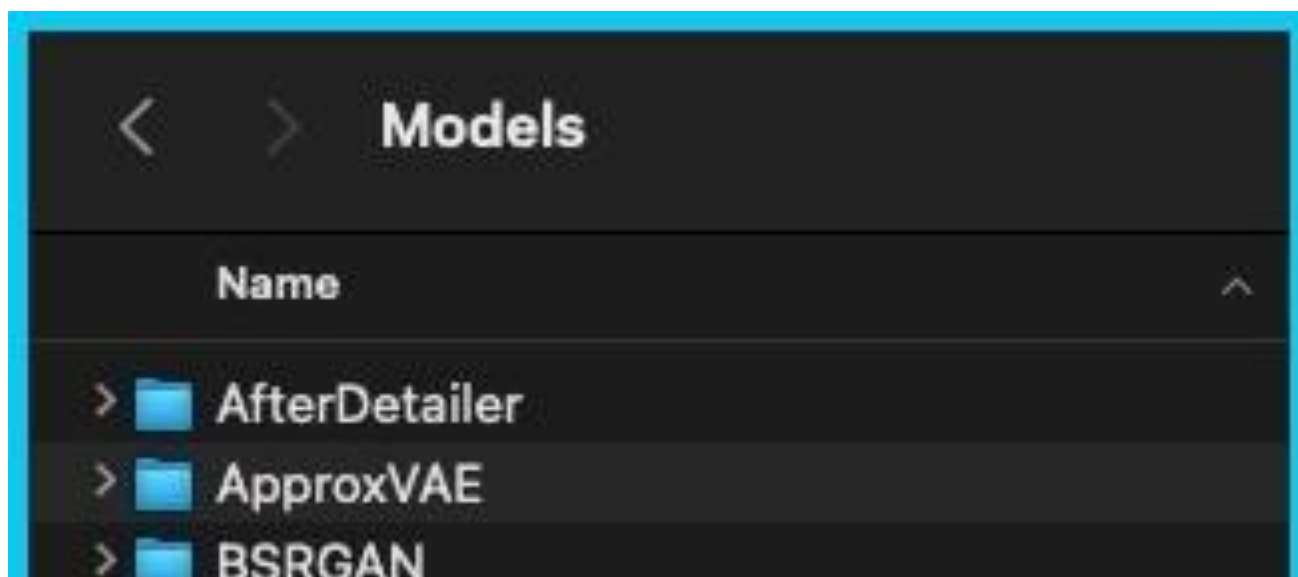
Excel Common Text Function

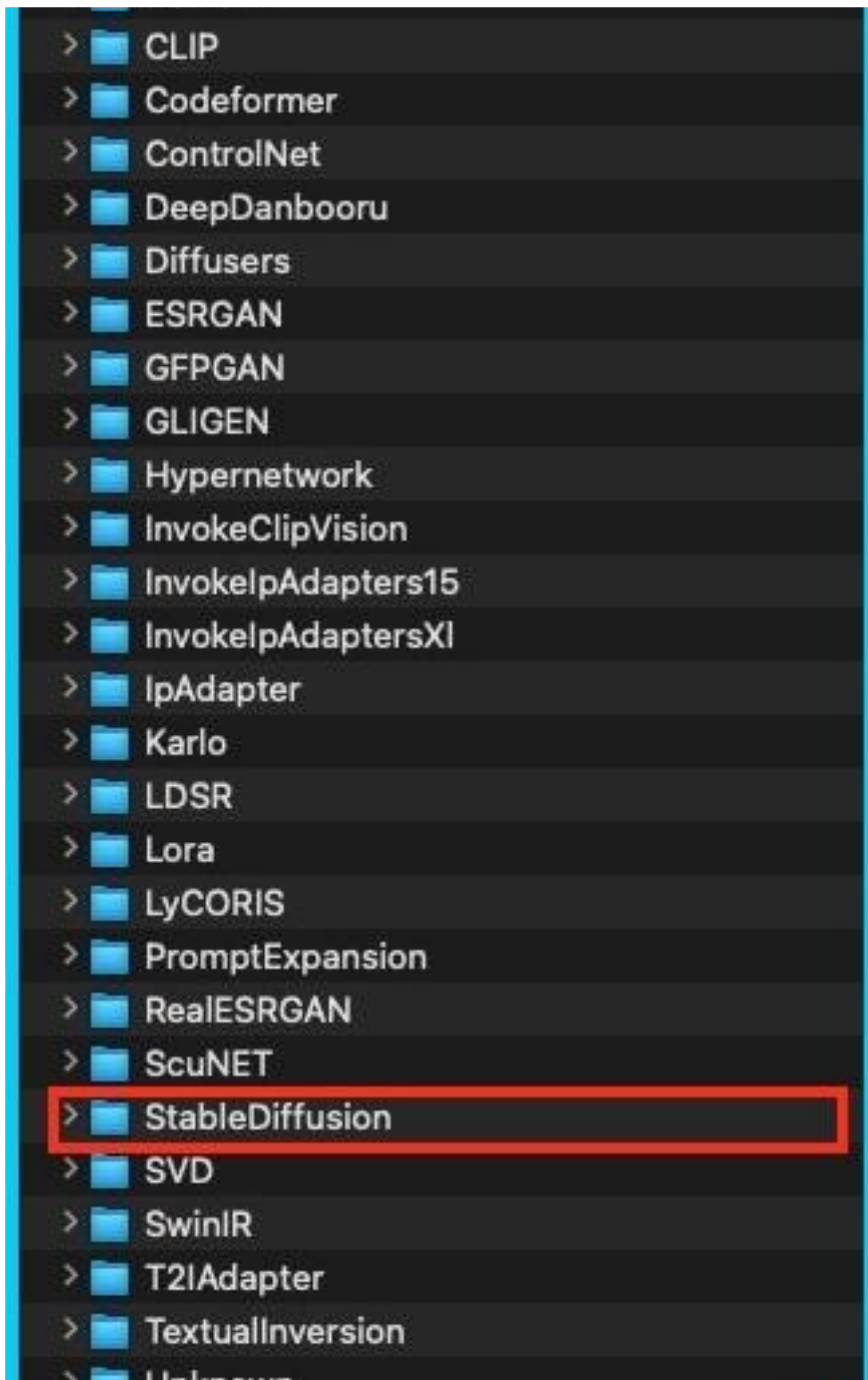
Soumalya Khan · 1 year ago

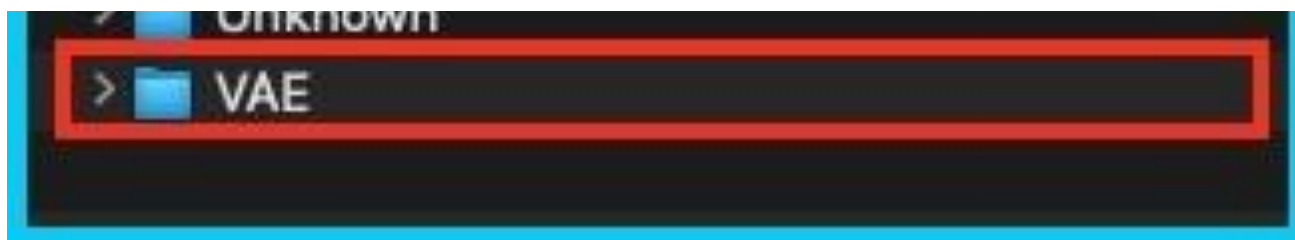


Create a System Health Dashboard for your Raspberry Pi

Raymond Jacobs · 8 years ago

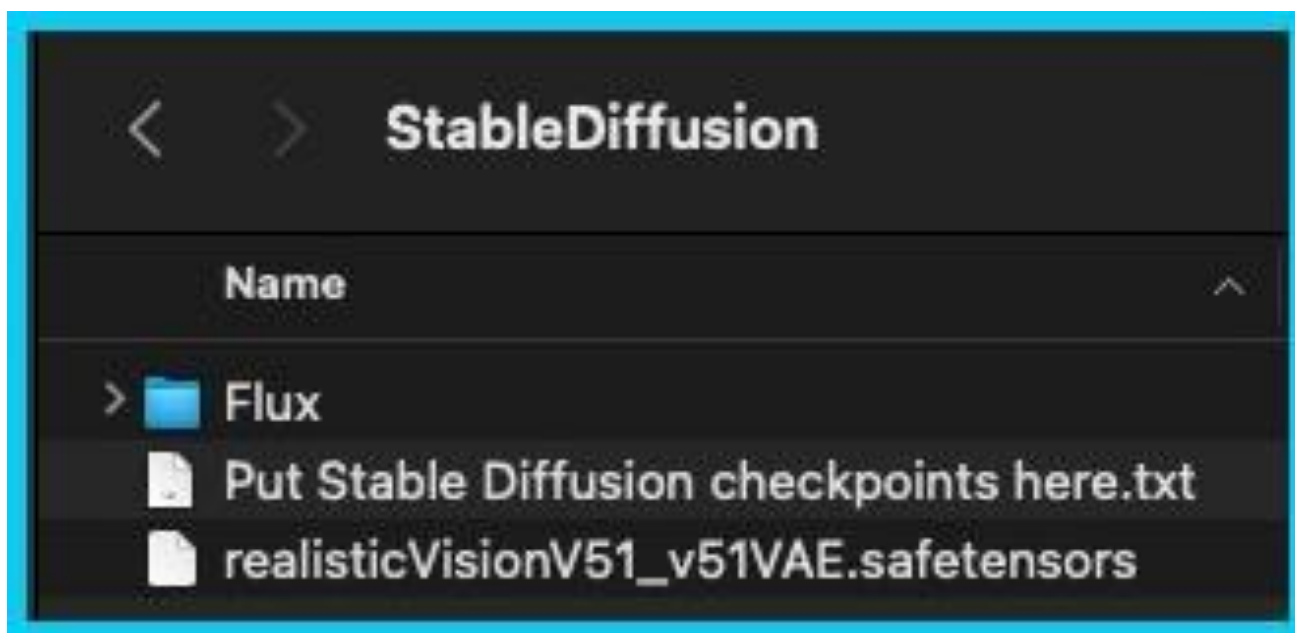




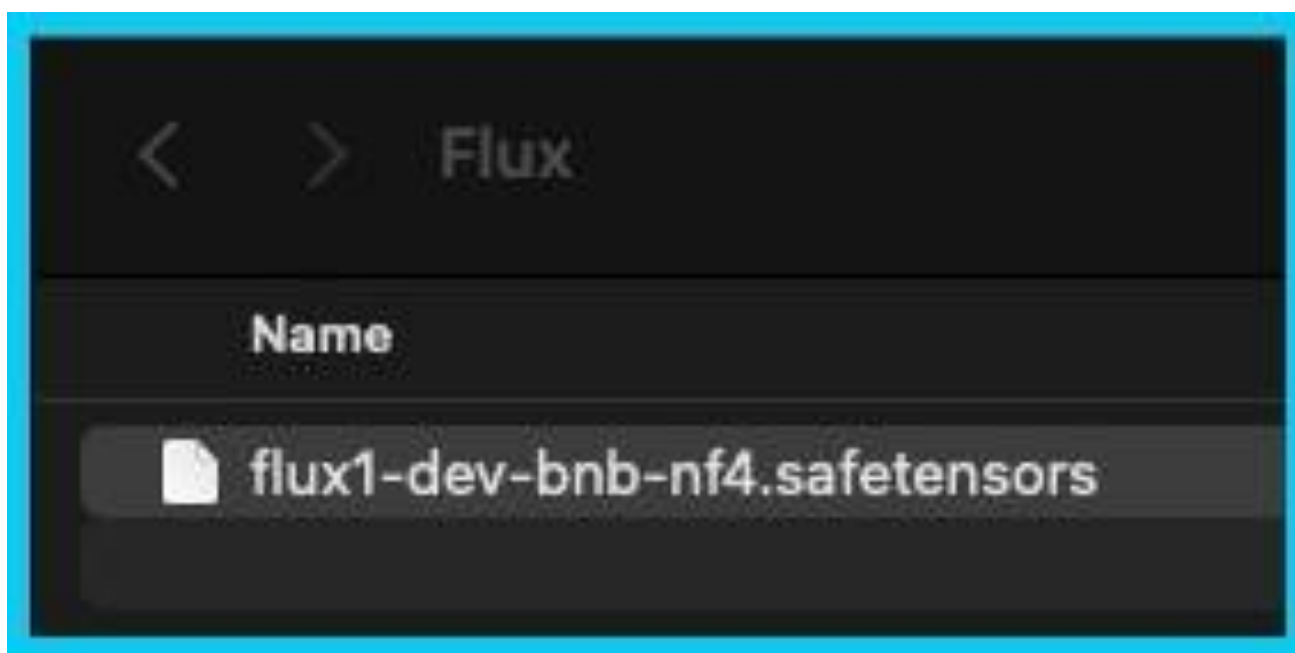


We are going to move each of these files into a folder where we setup the data in Step 2.

In the folder Data/Models/Stable-diffusion, create a new folder called "Flux."



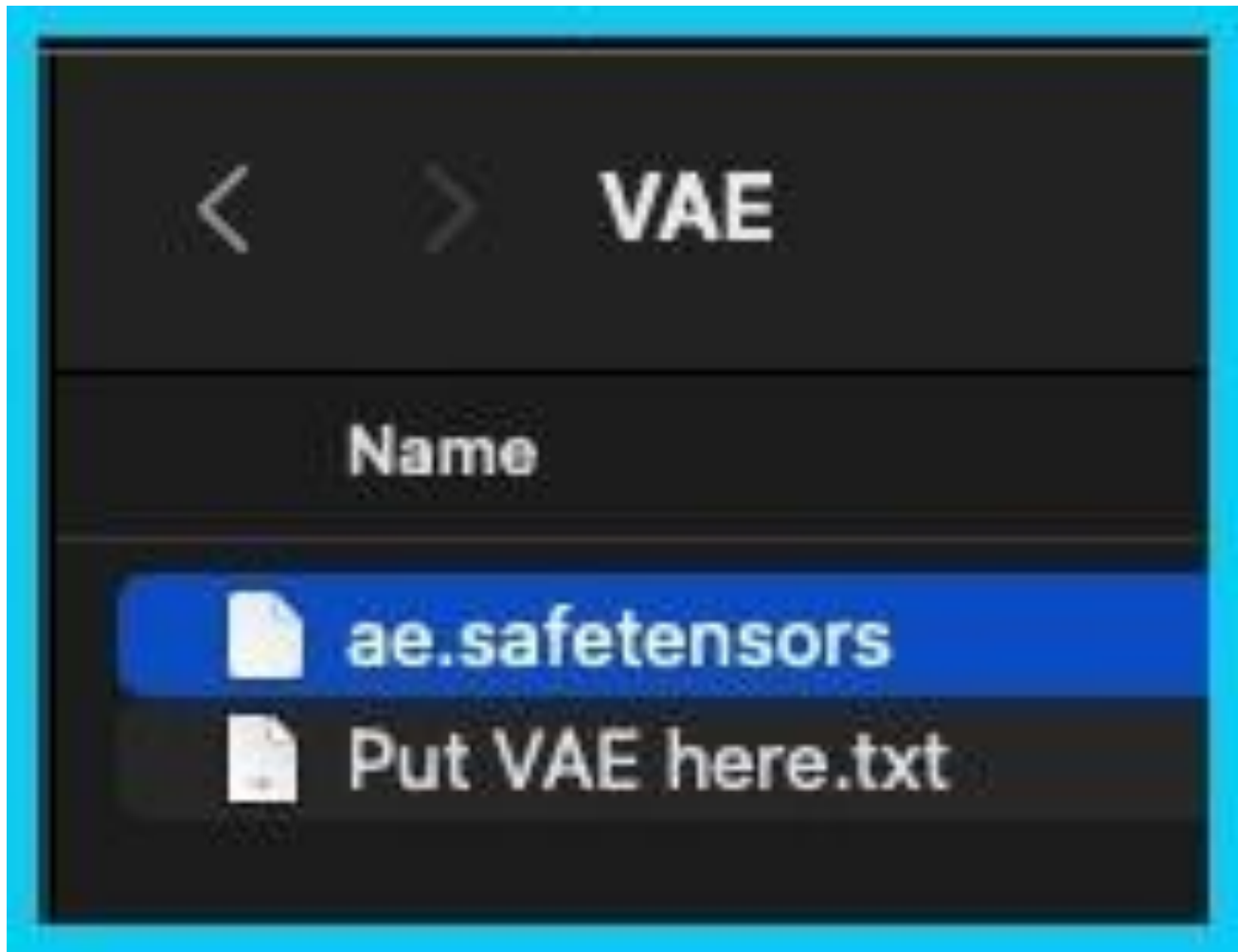
Move the really big file "flux1-dev-bnb-nf4.safetensors" into this folder



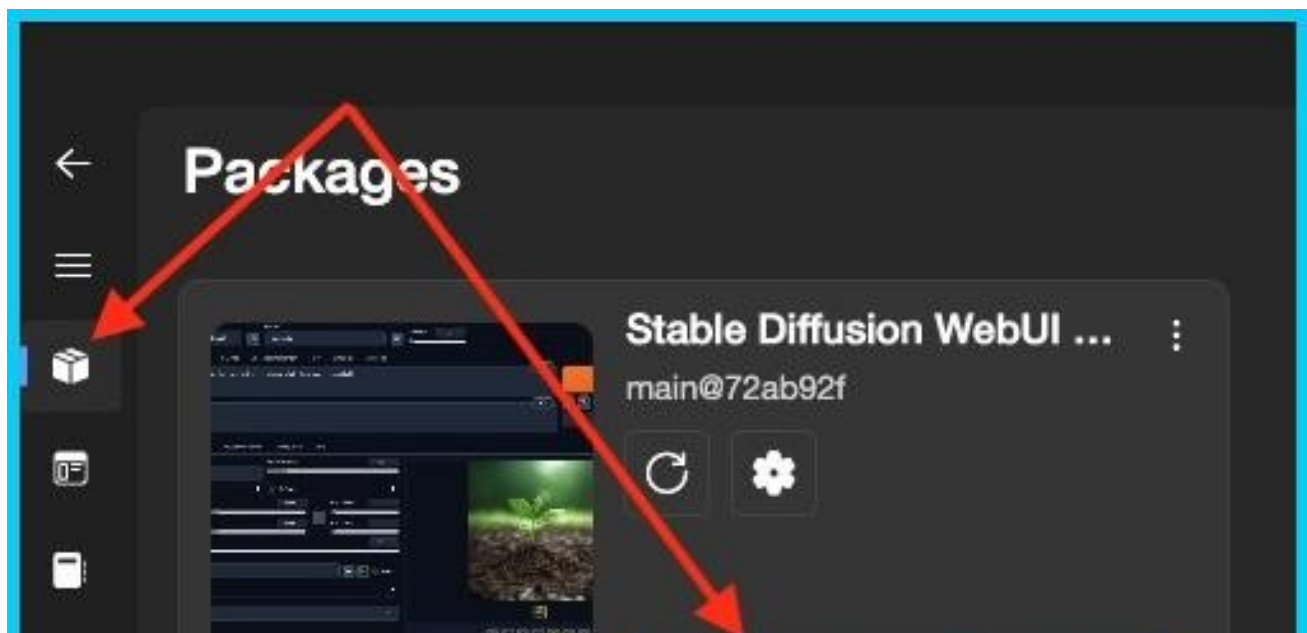
Go back two folder levels and then open the VAE folder.

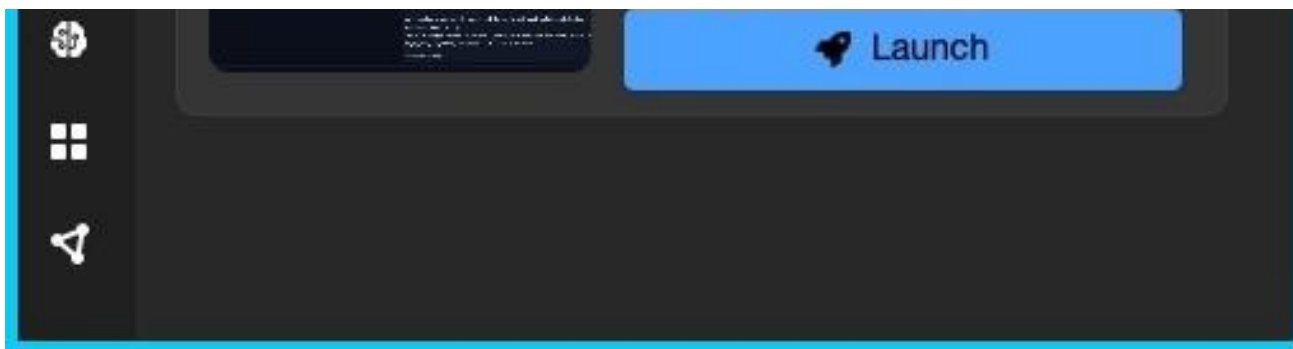
You can find it at Data/Models/VAE.

Paste "ae.safetensors" into this folder.



Step 6 - Run Stable Diffusion WebUI Forge





Click on packages on the left menu.

Then click the blue "launch" button on Stable Diffusion WebUi Forge.

```

Packages > Stable Diffusion WebUI Forge
[Stop] [Restart] [Auto-Scroll to End]

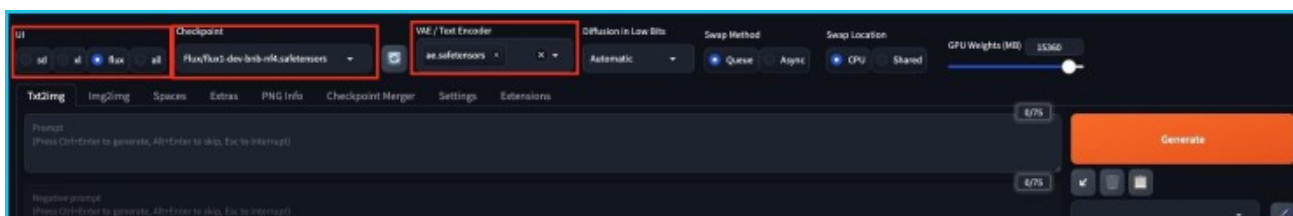
1 Python 3.10.11 (main, May 7 2023, 17:32:05) [Clang 16.0.3 ]
2 Version: f2.0.1v1.10.1-previous-323-g72ab92f8
3 Commit hash: 72ab92f83e5a9e193726313c6d88ab435a61fb59
4 Installing clip
5 Cloning assets into /Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/stable-diffusion-webui-assets...
6 Cloning into '/Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/stable-diffusion-webui-assets'...
7 Cloning huggingface_guess into /Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/huggingface_guess...
8 Cloning into '/Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/huggingface_guess'...
9 Cloning BLIP into /Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/BLIP...
10 Cloning into '/Applications/Data/Packages/Stable Diffusion WebUI Forge/repositories/BLIP'...
11 /Applications/Data/Packages/Stable Diffusion WebUI Forge/extensions-builtin/sd_forge_controlnet/install.py:2: DeprecationWarning: pkg_resources is
    deprecated as an API. See https://setuptools.pypa.io/en/latest/pkg\_resources.html
12 import pkg_resources
13 Installing sd_forge_controlnet requirement: fvcare
14 Installing sd_forge_controlnet requirement: mediapipe
15 Installing sd_forge_controlnet requirement: onnxruntime
16 Installing sd_forge_controlnet requirement: svglib
17 /Applications/Data/Packages/Stable Diffusion WebUI Forge/extensions-builtin/forge_legacy_preprocessors/install.py:2: DeprecationWarning: pkg_resources is
    deprecated as an API. See https://setuptools.pypa.io/en/latest/pkg\_resources.html
18 import pkg_resources
19 Legacy Preprocessor init warning: Unable to install insightface automatically. Please try run `pip install insightface` manually.
20 Installing forge_legacy_preprocessor requirement: handrefinerportable
21 Installing forge_legacy_preprocessor requirement: depth_anything
22 Launching Web UI with arguments: --skip-torch-cuda-test --no-half-vaec --gradinfo-allowed-path /Applications/Data/Images
23 Total VRAM 16384 MB, total RAM 16384 MB
24 pytorch version: 2.3.1
25 Set vram state to: SHARED
26 Device: mps
27 VAE dtype preferences: [torch.float32] -> torch.float32
28 CUDA Using Stream: False
29 WARNING:matplotlib.font_manager:Matplotlib is building the font cache; this may take a moment.
  
```

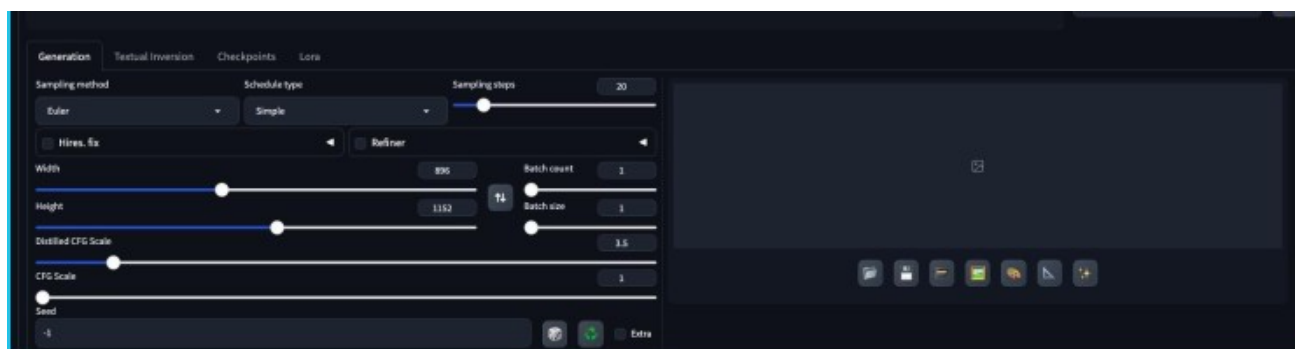
Since this is the first time running the program, it will have to download and install some more files.

This can take another ten minutes, so it is the perfect time for a break.

All the code will run on its own and then a web browser will open automatically.

Step 7 - Setup Flux for the First Time





There are three settings that you want to make sure match mine so that you are using Flux and not another image model.

First choose Flux from the UI options.

Second, select the Flux checkpoint from the dropdown.

Third, VAE should say either "automatic" or you can select the "ae.safetensors" that we downloaded.

Step 8 - Start Creating Images with Flux

Now that everything is setup, you can start playing with the other settings and creating images using your computer.

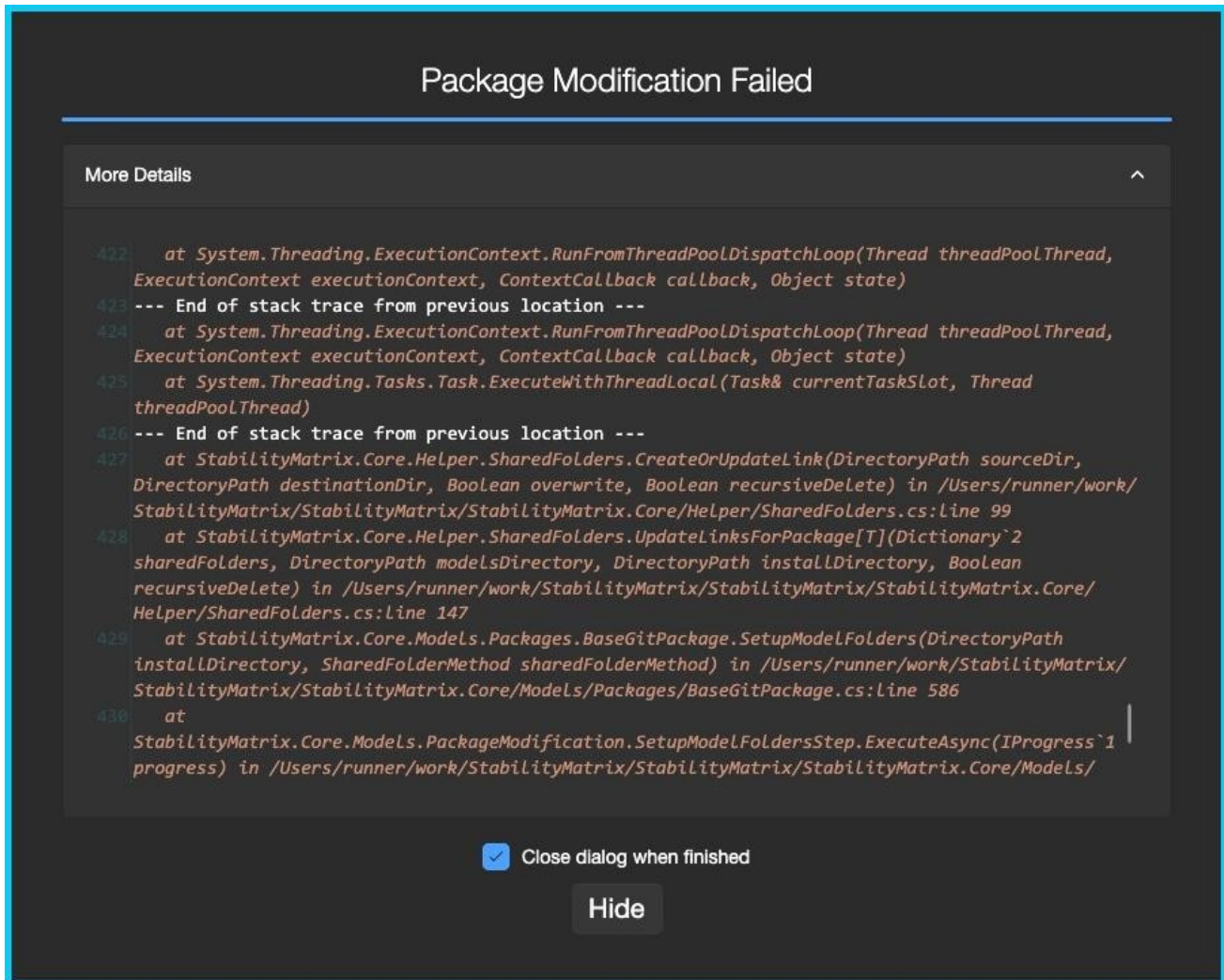
If you want more simplified AI walkthroughs and shortcuts..

1. Scroll to the top.
2. Click on "Subscribe to newsletter".
3. Follow [Jonathan Green](#) to never miss a post.

- Jonathan Green

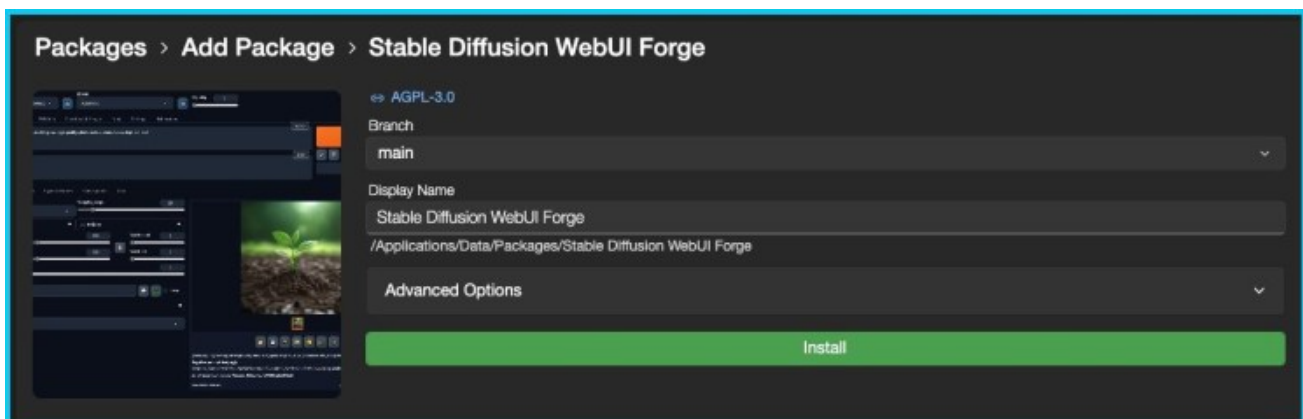
Troubleshooting And Frequently Asked Questions

Problem - Installation Failed



You see all this red code when you install something inside of Stability Matrix and it can be really scary.

Fortunately, the fix is quite easy.



Go to the packages page.

Click "Add Package" at the bottom of the page to see a list of all the programs.

Select the program and click Install.

What is Flux AI?

The FLUX AI Image Generator is an advanced tool developed by Black Forest Labs that specializes in creating high-quality images from text prompts. It represents a significant advancement in the field of AI-driven image synthesis, competing with established models like Midjourney and DALL-E.

Is Flux AI Free to Use?

It's free to use when you install it on your local computer. There are some websites that host the model that charge a fee to use their servers.

Is the Flux AI Image Generator Censored?

The FLUX AI Image Generator incorporates various ethical considerations and safeguards to address potential misuse of its technology. While the tool itself is open-source and accessible, Black Forest Labs, the developer, has implemented guidelines to promote responsible use of the generator. This includes measures to prevent the creation of harmful or inappropriate content.