**ComfyUI:**Download comfyUI from: <https://github.com/comfyanonymous/ComfyUI>

**FluxAI:**Now we will start placing essential items like VAEs, clips, encoders within the folders of comfyUI.

* Download dev version of fluxAI: <https://huggingface.co/black-forest-labs/FLUX.1-dev/blob/main/flux1-dev.safetensors>
* download schnell version from here:

<https://huggingface.co/black-forest-labs/FLUX.1-schnell/blob/main/flux1-schnell.safetensors>

* Place these 2 downloads within “ComfyUI\models\unet”

Encoders:

* Download all 3 encoders from <https://huggingface.co/comfyanonymous/flux_text_encoders/tree/main>
* Place them under “ComfyUI\models\clip”

VAEs:

* Download dev VAE from <https://huggingface.co/black-forest-labs/FLUX.1-dev/tree/main/vae>
* Download schnell VAE from <https://huggingface.co/black-forest-labs/FLUX.1-schnell/tree/main/vae>
* Place them under “ComfyUI\models\vae”

**Integration:**  
ComfyUI is an interface for you to run your models with desired settings. There are a lot of settings to experiment with.

To get started, download this workflow:   
<https://openart.ai/workflows/maitruclam/comfyui-workflow-for-flux-simple/iuRdGnfzmTbOOzONIiVV>

A black rectangular object with a blue stripe

Description automatically generated

In visual programming we work with workflows to determine the flow of our program. We will drag an ddrop this workflow onto our ComfyUI interface. Let’s see how to do that.

**Opening ComfyUI:**

* Within ComfyUI\_windows\_portable folder, if you are using windows, you will see 2 batch files run\_cpu and run\_nvidia\_gpu. If you have an NVidia GPU, you should use that. Otherwise use CPU.
* This will open a webpage for you which is our CompyUI interface, it looks something like this:

A screenshot of a computer

Description automatically generated

* Drag and drop the workflow you downloaded in previous section on this screen.
* Within ComfyUI manager, git Update all screen and wait for it to finish.

A screenshot of a computer menu

Description automatically generated

Once that is done you can start experimenting and generating beautiful images.

Attempt 1:

A screenshot of a computer

Description automatically generated

A child reading a book under a tree with a dog

Description automatically generated

Attempt 2:

A screenshot of a computer

Description automatically generated

A bowl of noodles with a fried egg and green beans

Description automatically generated

Attempt 3:

A screenshot of a computer program

Description automatically generated

Ignore the prompt, but the settings are almost similar. Photo size has been changed here. It was originally 1024 by 1024.

A screenshot of a computer

Description automatically generated

A bowl of soup with a egg and noodles

Description automatically generated A bowl of soup with noodles and a egg

Description automatically generated

Attempt 4:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A group of people riding horses

Description automatically generated A group of men riding horses in a field with a fire in the background

Description automatically generated

Attempt 5 schnell:

A screenshot of a computer

Description automatically generated

Prompt: The image depicts a person with a fantastical, ethereal appearance, resembling a fairy or a magical being. They have short, pastel pink hair with soft waves, and their face is adorned with elaborate makeup. The makeup features glittering, jewel-like embellishments around the eyes and cheeks, with a combination of pink, green, and gold tones, giving a sparkling and mystical effect. The person is wearing an outfit that is equally elaborate and shimmering. The clothing is covered in sequins, glitter, and other embellishments that catch the light, making the entire ensemble sparkle. They have translucent, butterfly-like wings that glow with colorful lights, adding to the enchanting, otherworldly feel of the scene. In the background, the lighting suggests an outdoor setting, possibly at dusk or dawn, with soft, out-of-focus lights that enhance the dreamy, magical atmosphere. The overall impression is one of fantasy and whimsy, with a strong emphasis on light, color, and sparkle

A person with pink hair and wings

Description automatically generated

A computer screen shot of a black screen

Description automatically generated