

Using ComfyUI portable automatic installer with Hunyan3d Comfui workflow

Requirements: You will need a PC with Windows 10 or 11. Can run on Linux or Mac but this installer is for windows. The exact same steps would be for Linux or Mac.

Hardware: 24 GB ram (32GB recommended so you can run windows apps also) and 6 GB ram Nvidia gpu minimum (8 gb vram to 12 gb vram recommended). If you have less than 8gb vram nvidia card there is a lowvram setting when you start Comfyui. The default is to let it detect vram.

50 GB disk space in your windows home folder. Later you can move the installed files to another folder after installation or edit the installer bat file to use another dir. It will be downloading a lot of AI model content to use the 50 GB space so it takes about 2 hours to do the install on a fast internet connection.

There are 5 main steps with some setup steps in Comfyui. Do steps in this order and do not miss any out.

All steps are simple to do because the installer does all the hard work.

There are two bat install files you use in order:

ComfyUI3dInstaller.bat initial install for ComfyUI.

SetupCudaForComfyUI3Dplugin.bat used once later to setup 3d python CUDA driver when workflow runs.

Steps to Install:

1) Download and Install Nvidia CUDA drivers

<https://developer.nvidia.com/cuda-downloads>

Select Windows, x86_64, your Windows version (Win 10 or Win 11), Installer type (network or local dont matter what you prefer) Press Download button and then execute the downloaded file.

CUDA Toolkit 12.8 Downloads

Select Target Platform

Click on the green buttons that describe your target platform. Only supported platforms will be shown. By downloading and using the software, you agree to fully comply with the terms and conditions of the [CUDA EULA](#).

Operating System	Linux	Windows		
Architecture	x86_64			
Version	10	11	Server 2022	Server 2025
Installer Type	exe (local)	exe (network)		

Download Installer for Windows 11 x86_64


The base installer is available for download below.

> CUDA Toolkit Installer Download (13.6 MB)

Installation Instructions:

1. Double click cuda_12.8.0_windows_network.exe
2. Follow on-screen prompts

2) Download and Install git software. <https://git-scm.com/downloads/win> Use blue link Click here to download. Run the installer. The setup will prompt you with several options; it's fine to use the default settings for all of them. You will not have to use Git but the installer needs it.

 **git** --fast-version-control

Type / to search entire site...

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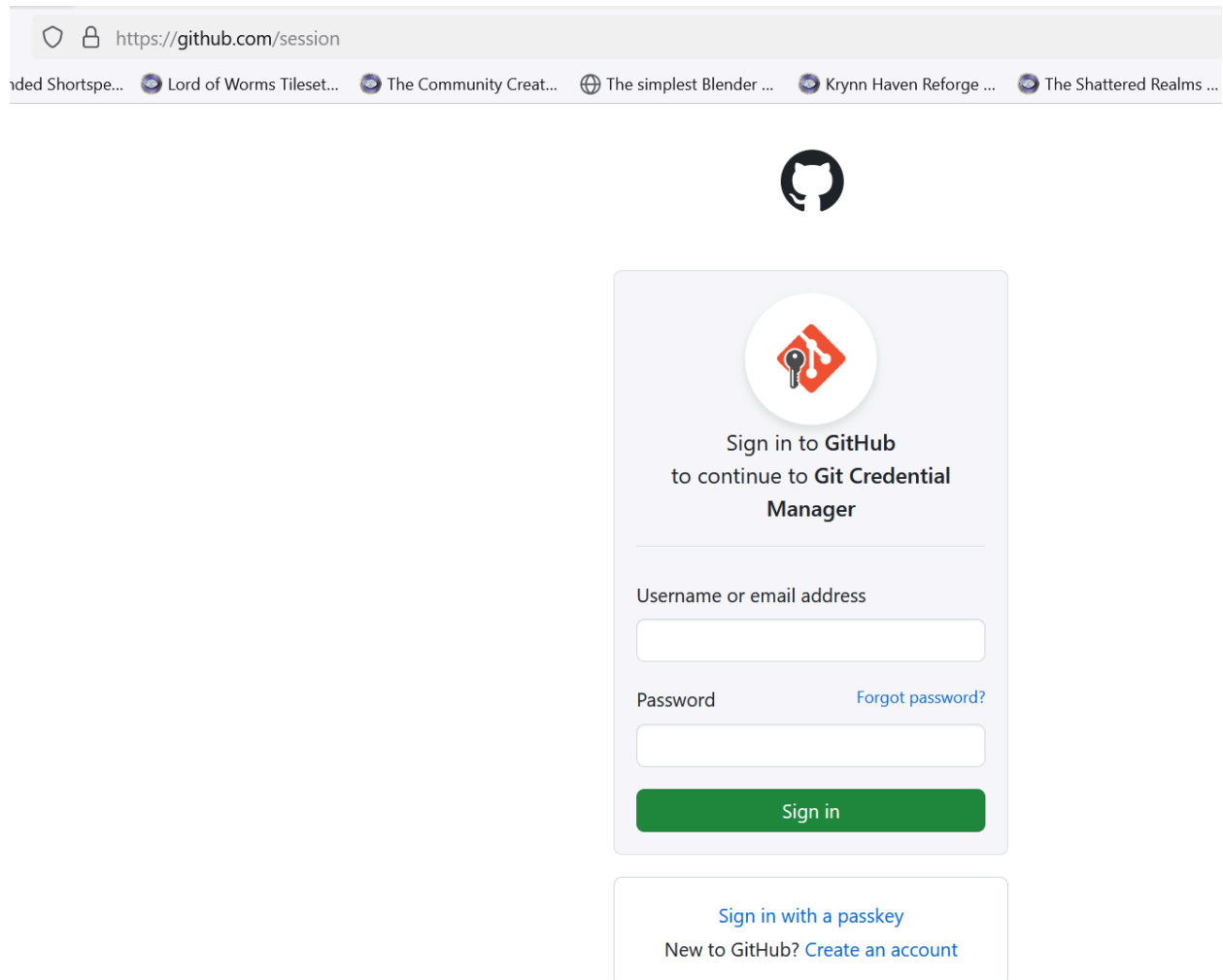
[Click here to download](#) the latest (2.47.1(2)) **64-bit** version of **Git for Windows**. This is the most recent **maintained build**. It was released **22 days ago**, on 2025-01-14.

3) Create Github.com account.

Create a free github.com account with your email and password. This is so the installer can download all the free software needed. When you run the installer it will show a web page popup and ask you to login to github. You do not need to use the github website the installer will do it automatically.


For each download file (at least 3) via a web popup it will ask you to Authorise (press button to agree) to download the file multiple times.


Example github login to download popup when the installer runs:



https://github.com/session

Lord of Worms Tileset... The Community Creat... The simplest Blender ... Kryn Haven Reforge ... The Shattered Realms ...





Sign in to GitHub
to continue to Git Credential
Manager

Username or email address

Password [Forgot password?](#)

[Sign in](#)

[Sign in with a passkey](#)
New to GitHub? [Create an account](#)

Press the green button **Authrozie git-ecosystem** to continue the installer download process.



Authorize Git Credential Manager



Git Credential Manager by [Git Ecosystem](#)

wants to access your **carlolazz** account



Gists

Read and write access



Repositories

Public and private



Workflow

Update GitHub Action Workflow files.



Cancel

Authorize git-ecosystem

Authorizing will redirect to

<http://127.0.0.1:5887>



Owned & operated
by GitHub

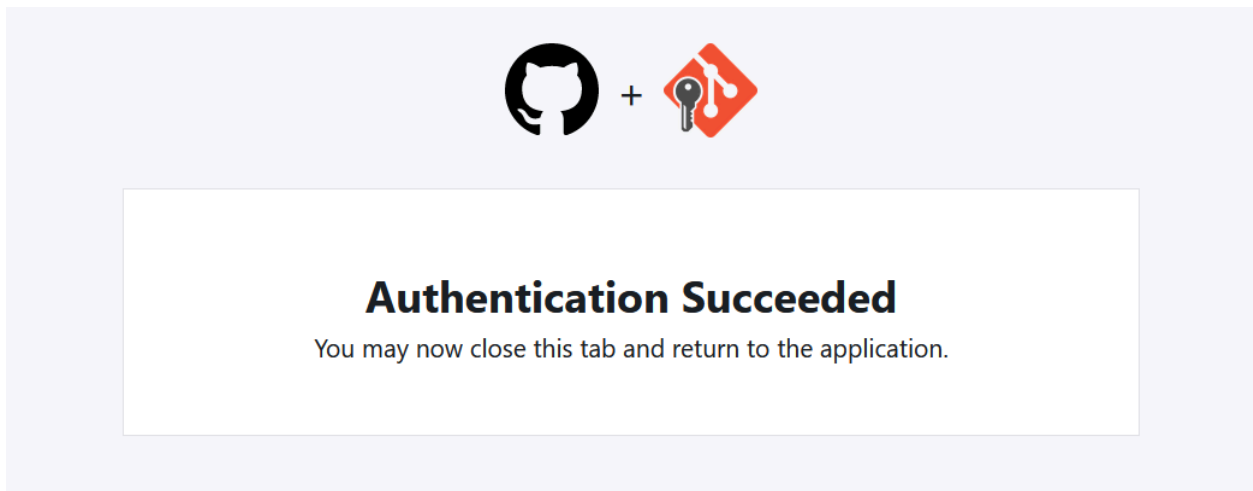


Created 6 years ago



More than 1K
GitHub users

Close this confirmation page. The installer should continue downloading and installing. Multiple times it will ask you to Authorise the download so press the green button to agree.



4) Run the ComfyUI3dInstaller.bat

```

ComfyUI + Model Installer
D:\VMWARE-NWN\NWN_development\PowerShellScripts>ComfyUI3dInstall.bat
Installing ComfyUI and Models...
System RAM: 63.6469192504883 GB
Checking NVIDIA GPU...
Detected GPU: NVIDIA GeForce RTX 4090 Laptop GPU
Creating directories...

[Step 1] Downloading ComfyUI (Split Archive)...
Downloading ComfyUI part 1...
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
             Dload  Upload   Total             Spent    Left     Speed
  0         0    0     0    0     0      0      0  --:--:--  --:--:--  --:--:--    0
40 2040M  40  828M    0     0  11.0M      0  0:03:04  0:01:14  0:01:50  11.1M^CTerminate batch
job (Y/N)? y

D:\VMWARE-NWN\NWN_development\PowerShellScripts>ComfyUI3dInstall.bat
Installing ComfyUI and Models...
System RAM: 63.6469192504883 GB
Checking NVIDIA GPU...
Detected GPU: NVIDIA GeForce RTX 4090 Laptop GPU
Creating directories...

[Step 1] Downloading ComfyUI (Split Archive)...
Downloading ComfyUI part 1...
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
             Dload  Upload   Total             Spent    Left     Speed
  0         0    0     0    0     0      0      0  --:--:--  --:--:--  --:--:--    0
100 2040M  100 2040M    0     0  11.0M      0  0:03:05  0:03:05  --:--:--  11.1M
Downloading ComfyUI part 2...
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
             Dload  Upload   Total             Spent    Left     Speed
  0         0    0     0    0     0      0      0  --:--:--  --:--:--  --:--:--    0
100  666M  100  666M    0     0  10.9M      0  0:01:01  0:01:01  --:--:--  11.1M

[Step 2] Installing 7-Zip...
[Step 3] Extracting ComfyUI...
Removing existing installation...
Extracting to: C:\Users\carlo\ComfyUI_Windows_portable

7-Zip 23.01 (x64) : Copyright (c) 1999-2023 Igor Pavlov : 2023-06-20

Scanning the drive for archives:
1 file, 2140000000 bytes (2041 MiB)

Extracting archive: C:\Users\carlo\AppData\Local\Temp\ComfyUI_Windows_portable_cu124.7z.001
--
Path = C:\Users\carlo\AppData\Local\Temp\ComfyUI_Windows_portable_cu124.7z.001
Type = Split
Physical Size = 2140000000
Volumes = 2
Total Physical Size = 2839397204
----
Path = ComfyUI_Windows_portable_cu124.7z

```

You can ignore the yellow warning about python as the install will use an internal embedded python.

```

[Step 6] Setting up Python Environment...
Initializing Python...
Looking in links: c:\Users\carlo\AppData\Local\Temp\tmpq0f3gou4
Requirement already satisfied: pip in c:\users\carlo\comfyui_windows_portable\python_standalone\
lib\site-packages (24.3.1)
Requirement already satisfied: pip in c:\users\carlo\comfyui_windows_portable\python_standalone\
lib\site-packages (24.3.1)
Collecting pip
  Using cached pip-25.0-py3-none-any.whl.metadata (3.7 kB)
Using cached pip-25.0-py3-none-any.whl (1.8 MB)
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 24.3.1
    Uninstalling pip-24.3.1:
      Successfully uninstalled pip-24.3.1
  WARNING: The scripts pip.exe, pip3.12.exe and pip3.exe are installed in 'C:\Users\carlo\ComfyU
I_Windows_portable\python_standalone\Scripts' which is not on PATH.
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-wa
rn-script-location.
Successfully installed pip-25.0

[Step 7] Creating Custom Nodes Directory...

[Step 8] Installing and Initializing Custom Nodes...
Cloning: an3DWrapper
Cloning into 'C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\an3DWrapper'...
remote: Enumerating objects: 594, done.
remote: Counting objects: 100% (69/69), done.
remote: Compressing objects: 100% (45/45), done.
remote: Total 594 (delta 38), reused 49 (delta 24), pack-reused 525 (from 1)Receiving objects:
Receiving objects: 100% (594/594), 17.58 MiB | 9.48 MiB/s, done.

Resolving deltas: 100% (361/361), done.
Cloning: e-suite-comfyui
Cloning into 'C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\e-suite-comfyui'...
remote: Enumerating objects: 2338, done.
remote: Counting objects: 100% (716/716), done.
remote: Compressing objects: 100% (173/173), done.
Receiving objects: 99% (2315/2338), 35.72 MiB | 10.20 MiB/sremote: Total 2338 (delta 648), reus
Receiving objects: 100% (2338/2338), 39.60 MiB | 10.27 MiB/s, done.

Resolving deltas: 100% (1421/1421), done.
Cloning: fy
Cloning into 'C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\fy'...
remote: Enumerating objects: 3462, done.
remote: Counting objects: 100% (638/638), done.
remote: Compressing objects: 100% (150/150), done.
Receiving objects: 100% (3462/3462), 3.73 MiB | 7.42 MiB/sremote: Total 3462 (delta 547), reused
Receiving objects: 100% (3462/3462), 4.27 MiB | 7.78 MiB/s, done.
Resolving deltas: 0% (0/2521)
Resolving deltas: 100% (2521/2521), done.
Cloning: ontrolnet
Cloning into 'C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\ontrolnet'...

```

It will take a 20 to 30 mins and have a message at the end that it is done. If you see the Cloning and its stuck it probably means you didn't yet press the github authorisation so look at your web browser tabs as it probably appeared but you didn't notice it.

```
ComfyUI + Model Installer
Repository already initialized: ComfyUI-Impact-Subpack
Repository already initialized: ComfyUI-Inspire-Pack
Repository already initialized: ComfyUI-KJNodes
Repository already initialized: ComfyUI-layerdiffuse
Repository already initialized: ComfyUI-Manager
Repository already initialized: comfyui-portrait-master
Repository already initialized: comfyui-propost
Repository already initialized: ComfyUI-ReActor
Repository already initialized: ComfyUI-SAM2
Repository already initialized: ComfyUI-to-Python-Extension
Repository already initialized: ComfyUI-VideoHelperSuite
Repository already initialized: ComfyUI-WD14-Tagger
Repository already initialized: ComfyUI_Comfyroll_CustomNodes
Repository already initialized: comfyui_controlnet_aux
Repository already initialized: ComfyUI_essentials
Repository already initialized: ComfyUI_FaceAnalysis
Repository already initialized: ComfyUI_FizzNodes
Repository already initialized: ComfyUI_InstantID
Repository already initialized: ComfyUI_IPAdapter_plus
Repository already initialized: ComfyUI_LayerStyle
Repository already initialized: ComfyUI_Mira
Repository already initialized: ComfyUI_smZNodes
Repository already initialized: ComfyUI_UltimateSDUpscale
Repository already initialized: comfy_mtb
Repository already initialized: Derfuu_ComfyUI_ModdedNodes
Repository already initialized: e-suite-comfyui
Repository already initialized: efficiency-nodes-comfyui
Repository already initialized: fy
Repository already initialized: Jovimetrix
Repository already initialized: mikey_nodes
Repository already initialized: nager
Repository already initialized: ontrolnet
Repository already initialized: PuLID_ComfyUI
Repository already initialized: rgthree-comfy
Repository already initialized: sd-dynamic-thresholding
Repository already initialized: sdxl_prompt_styler
Repository already initialized: UI-Custom-Scripts
Repository already initialized: was-node-suite-comfyui

[Step 8b] Installing Hunyuan3D Wrapper Dependencies...

[Step 9] Compiling Components...

[Step 10] Creating Desktop Shortcut...

Installation Complete

Important Directories:
- ComfyUI Installation: C:\Users\carlo\ComfyUI_Windows_portable
- Models Location: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\checkpoints

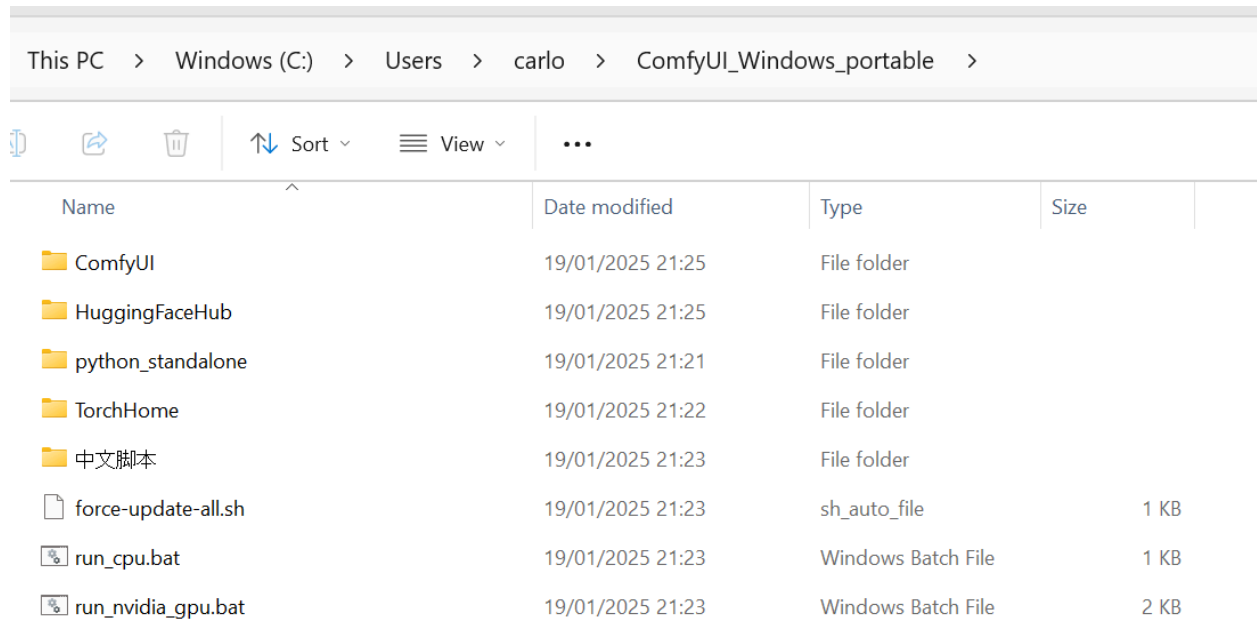
You can launch ComfyUI using the Start_ComfyUI.bat shortcut on your desktop.
Press any key to continue . . .
```

This is the expected ending of the installer that worked with no errors.

A desktop shortcut **Start_ComfyUI.bat** can start ComfyUIPortable or calling run_nvidia_gpu.bat

The installer will create a dir in your windows user folder called **ComfyUI_Windows_portable**
In this folder the important folders are ComfyUI and python_standalone.

You can start ComfyUI with **run_nvidia_gpu.bat**



The screenshot shows a Windows File Explorer window with the address bar displaying the path: This PC > Windows (C:) > Users > carlo > ComfyUI_Windows_portable >. The window title bar is not visible. The main area shows a list of files and folders with columns for Name, Date modified, Type, and Size. The files listed are:

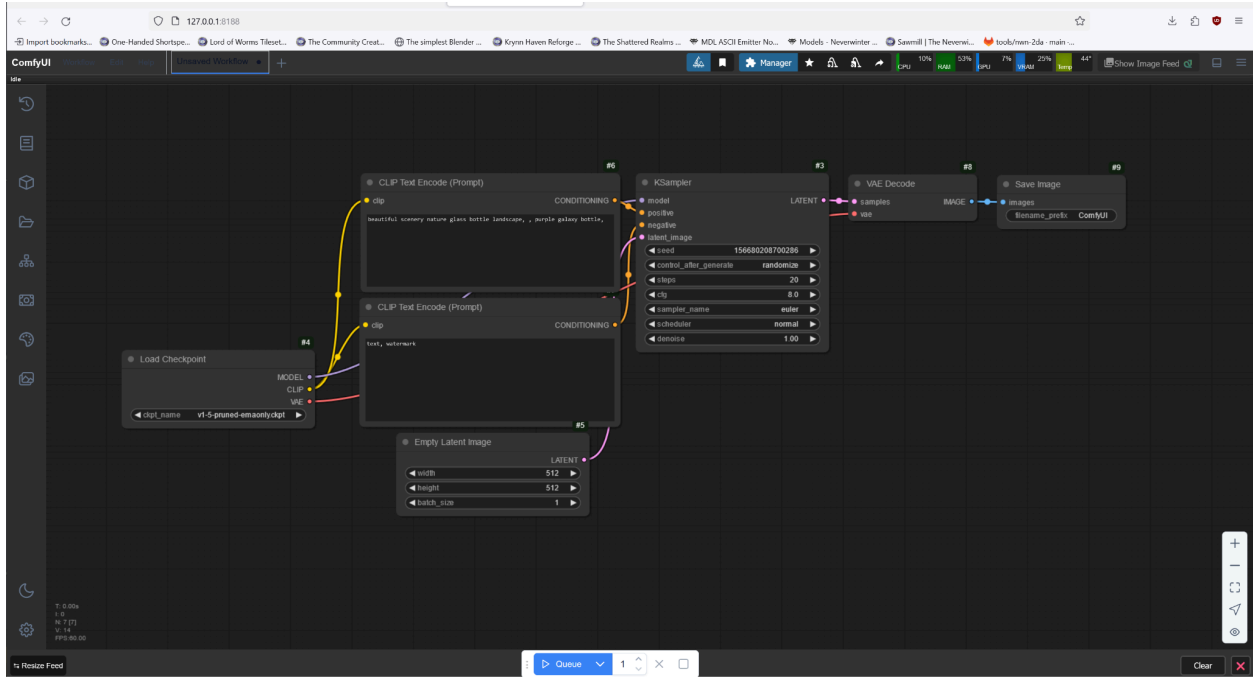
Name	Date modified	Type	Size
ComfyUI	19/01/2025 21:25	File folder	
HuggingFaceHub	19/01/2025 21:25	File folder	
python_standalone	19/01/2025 21:21	File folder	
TorchHome	19/01/2025 21:22	File folder	
中文脚本	19/01/2025 21:23	File folder	
force-update-all.sh	19/01/2025 21:23	sh_auto_file	1 KB
run_cpu.bat	19/01/2025 21:23	Windows Batch File	1 KB
run_nvidia_gpu.bat	19/01/2025 21:23	Windows Batch File	2 KB

Run **Start_ComfyUI.bat** (or run_nvidia_gpu.bat) on your desktop and wait. Monitor the logs as its starting up to look for errors.

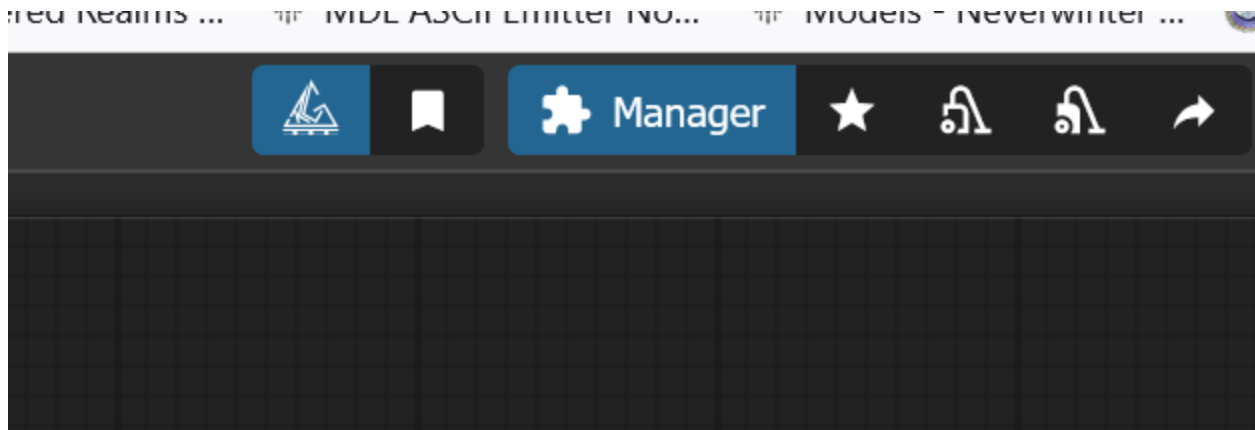
On running the first time it will download some large models. Just once for the first time start up to download all it needs it will be slow but after downloading and installing startup time will be about 20 seconds.

```
C:\WINDOWS\system32\cmd. x + v
C:\Users\carlo\ComfyUI_Windows_portable>rem set HF_ENDPOINT=https://hf-mirror.com
C:\Users\carlo\ComfyUI_Windows_portable>rem set HF_TOKEN=
C:\Users\carlo\ComfyUI_Windows_portable>set HF_HUB_CACHE=C:\Users\carlo\ComfyUI_Windows_portable\HuggingFaceHub
C:\Users\carlo\ComfyUI_Windows_portable>set TORCH_HOME=C:\Users\carlo\ComfyUI_Windows_portable\TorchHome
C:\Users\carlo\ComfyUI_Windows_portable>set PATH=C:\Program Files\NVIDIA GPU Computing Toolkit\CUDA\v12.8\bin;C:\Program Files\NVIDIA GPU Computing Toolkit\CUDA\v12.8\libnvvp;C:\Program Files (x86)\VMware\VMware Workstation\bin;C:\Program Files\ImageMagick-7.1.1-Q16-HDRI;C:\Program Files\Common Files\Oracle\Java\javapath;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\windows\system32;C:\windows;C:\windows\System32\Wbem;C:\windows\System32\WindowsPowerShell\v1.0\;C:\windows\System32\OpenSSH\;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;C:\Program Files\HP\OMEN-Broadcast\Com;C:\Program Files\Docker\Docker\resources\bin;C:\Program Files\dotnet;C:\Program Files\NVIDIA Corporation\NVIDIA app\NvDLI;C:\Program Files\NVIDIA Corporation\Nsight Compute 2025.1.0\;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\WINDOWS\System32\OpenSSH\;C:\Users\carlo\AppData\Local\Programs\Python\Python312\Scripts\;C:\Users\carlo\AppData\Local\Programs\Python\Python312\;C:\Users\carlo\AppData\Local\Microsoft\WindowsApps;C:\Users\carlo\AppData\Local\GitHubDesktop\bin;C:\tools\neovim\nvim-win64\bin;C:\Users\carlo\AppData\Local\Programs\Microsoft VS Code\bin;C:\Users\carlo\.dotnet\tools;D:\VMWARE-NWN\NWN_development\Nasher;D:\VMWARE-NWN\NWN_development\NIM;C:\Users\carlo\Documents\GitHub\NWN-tools;C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Scripts
C:\Users\carlo\ComfyUI_Windows_portable>set PYTHONPCACHEPREFIX=C:\Users\carlo\ComfyUI_Windows_portable\pycache
C:\Users\carlo\ComfyUI_Windows_portable>.\python_standalone\python.exe -s ComfyUI\main.py --windows-standalone-build
[START] Security scan
[DONE] Security scan
```

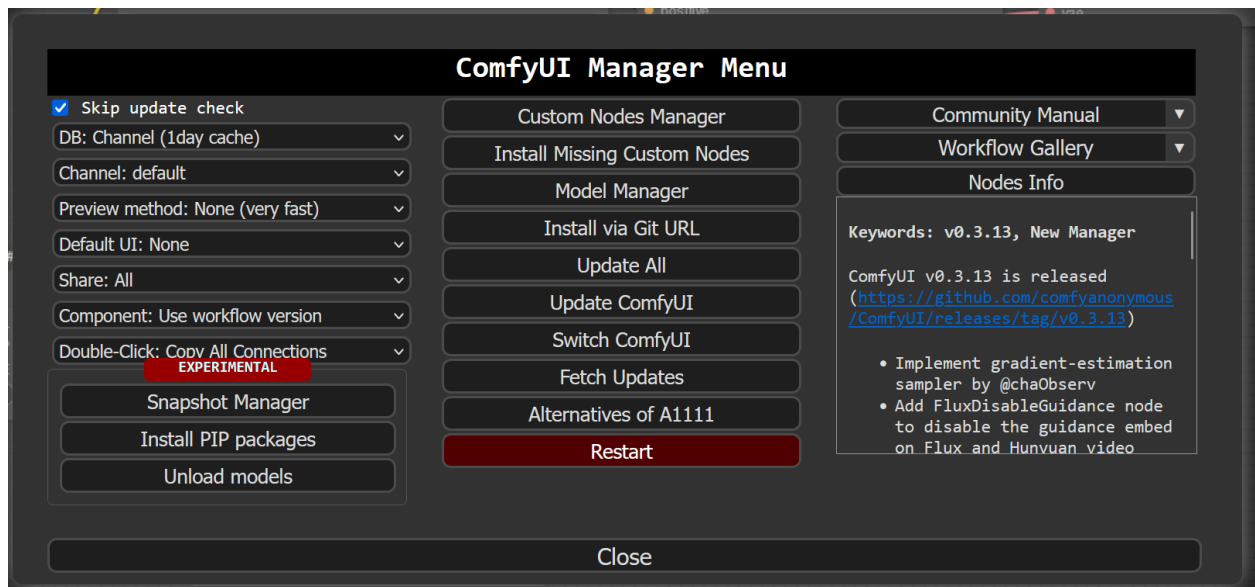
After a few mins a webpage should open automatically:



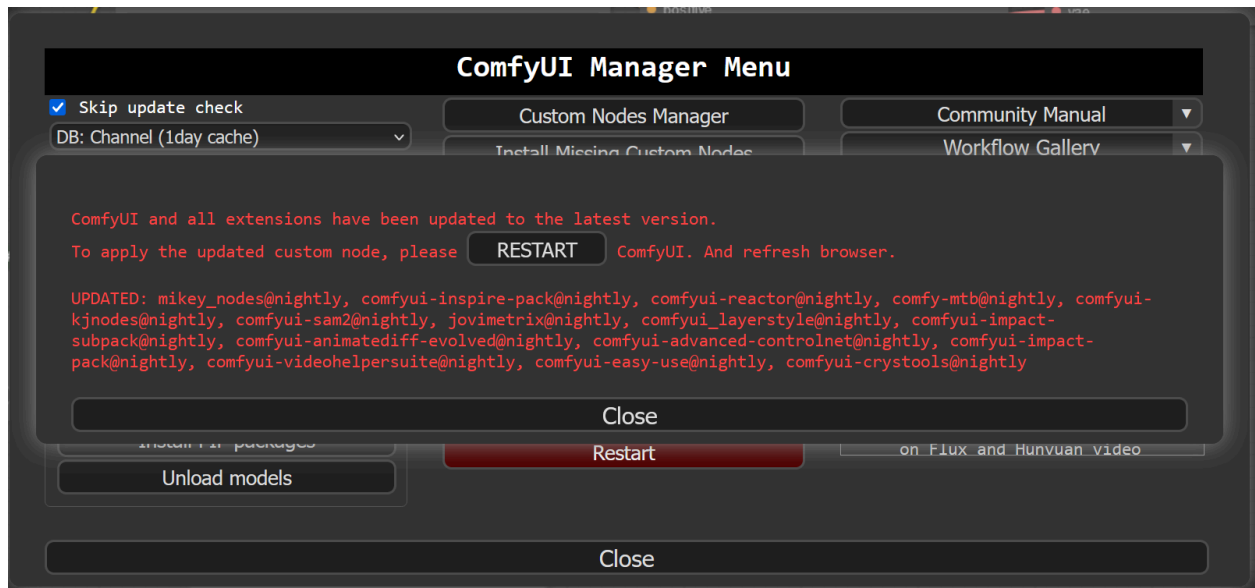
Use the **blue Manager button** at top to update ComfyUI.



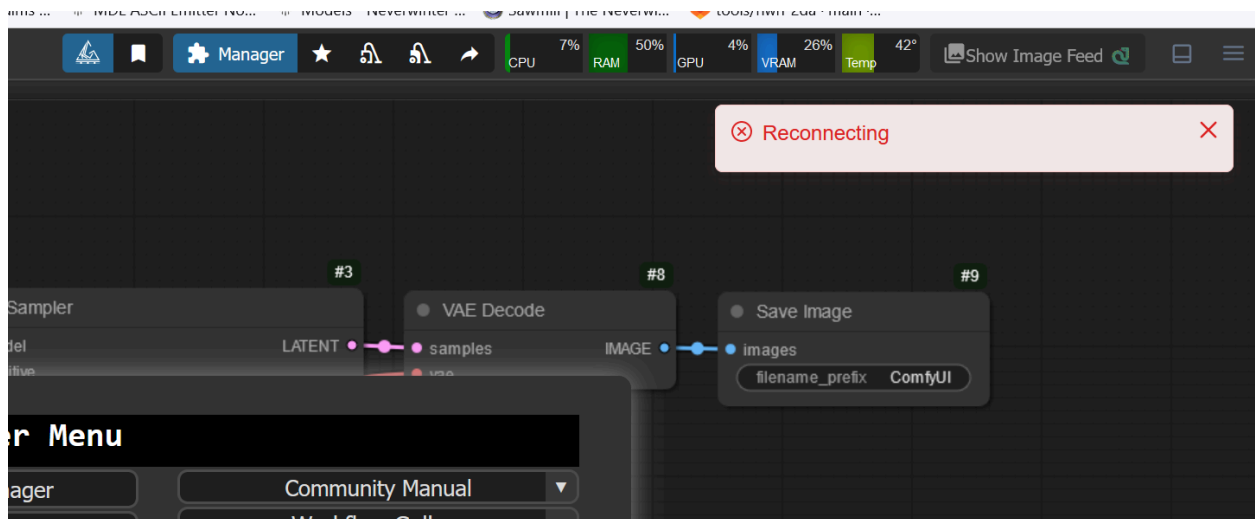
Press Update All button.



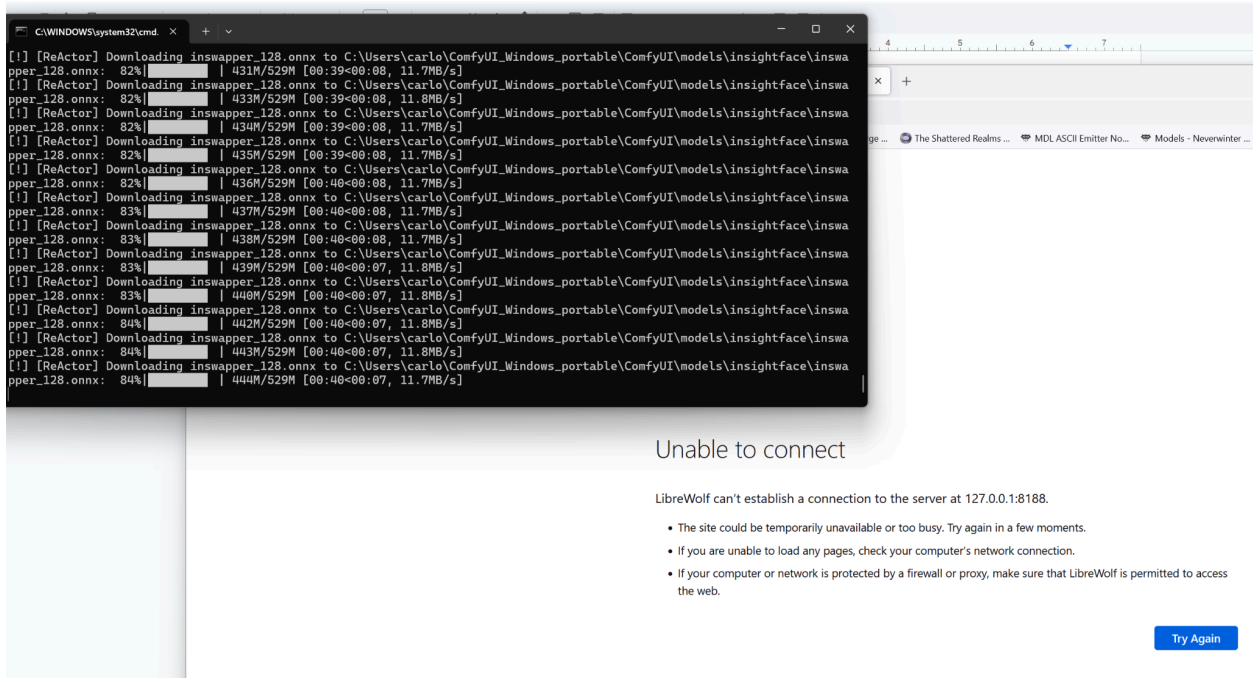
When this popup appears that its updated press RESTART button.



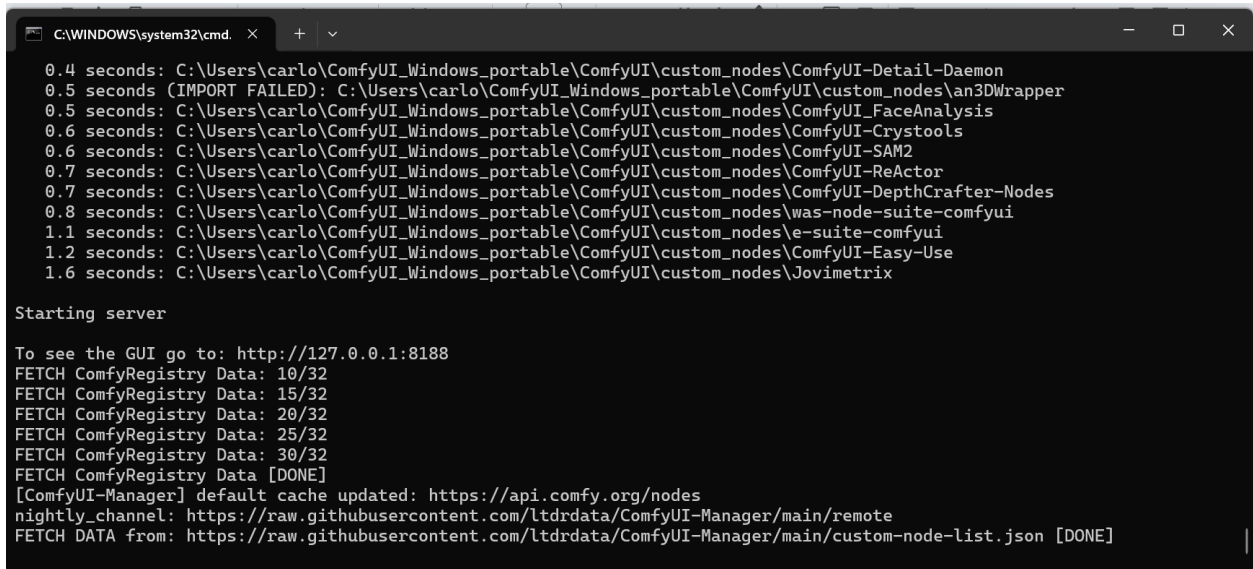
Press the Close button. Wait 30 seconds and refresh the webpage.



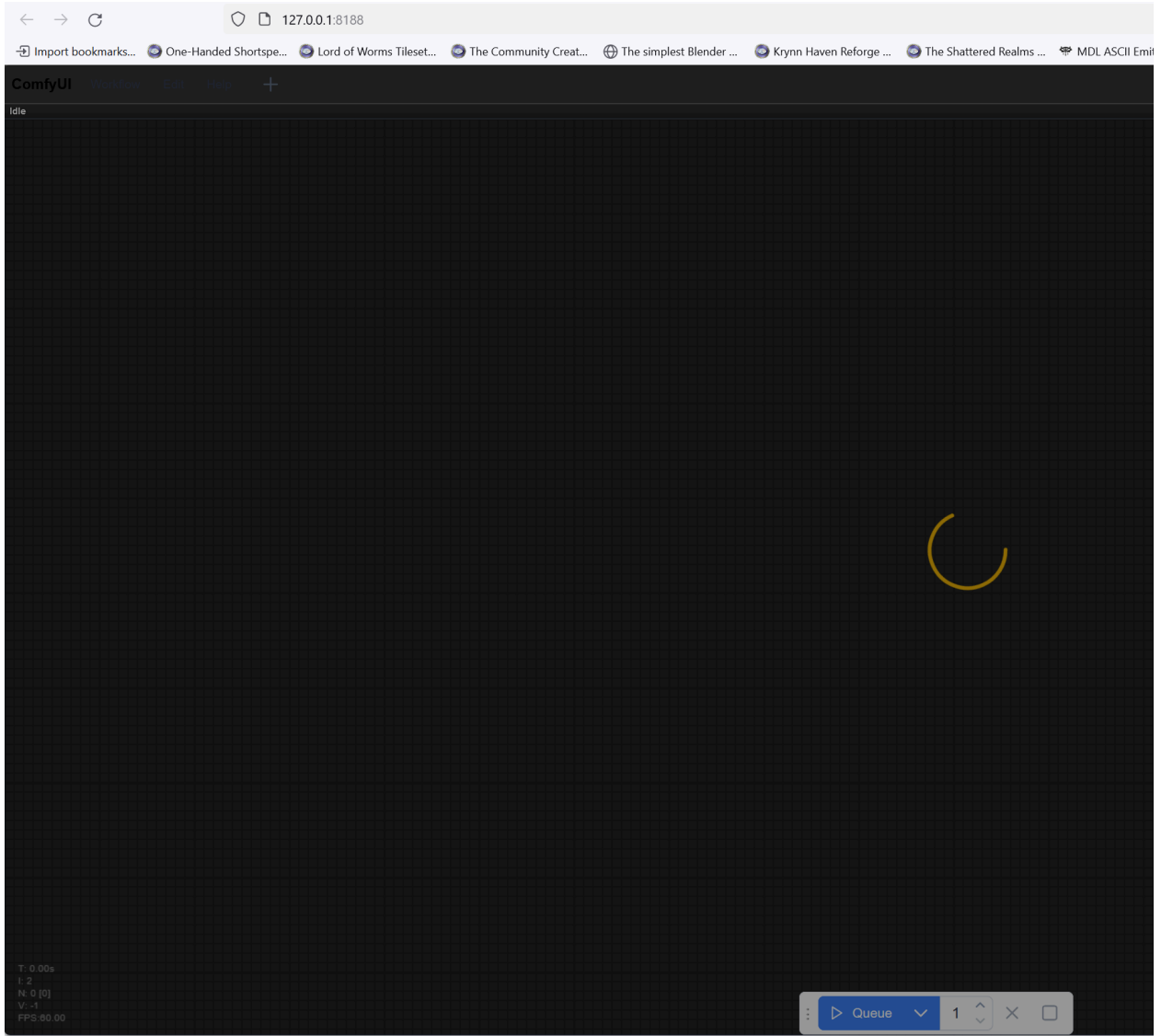
It will probably say unable to connect. This is fine because you can see in the log its busy downloading what it needed from the update. Monitor the log and wait for it to finish.



When its finished downloading after 10 mins it looks like this:



Now refresh the ComfyUI web page. It will be busy installing and setting up for a few mins:

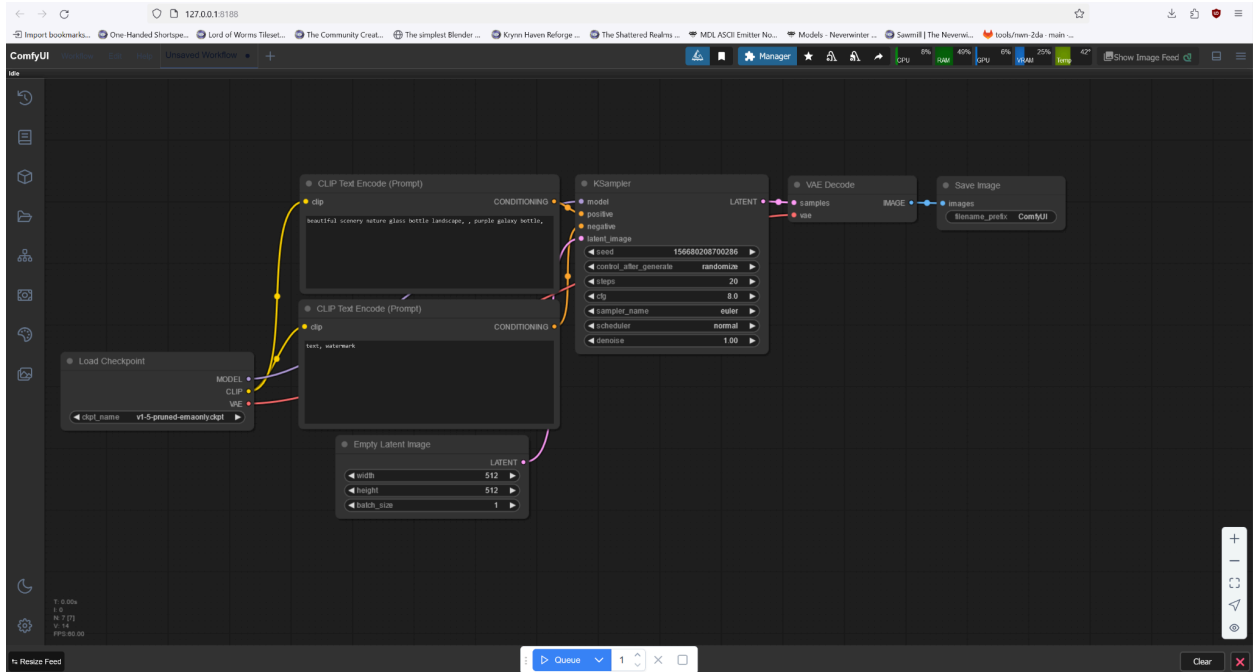


Its busy downloading again for another 5 mins or more.

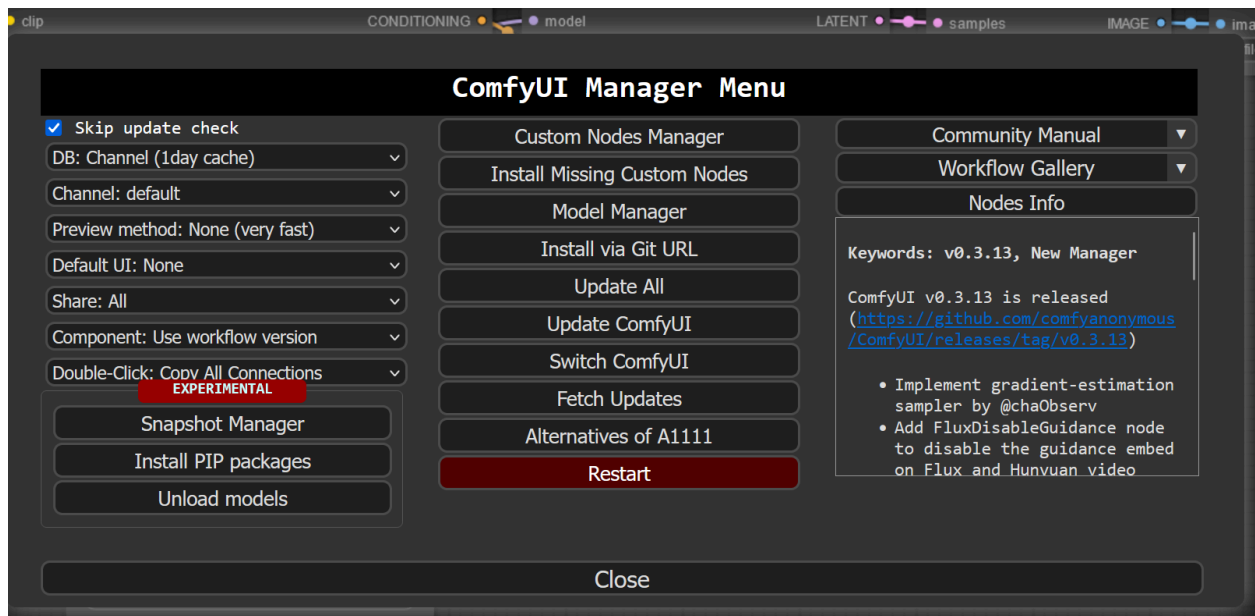
```
C:\WINDOWS\system32\cmd. x + v
File "C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Lib\urllib\request.py", line 521, in open
    response = meth(req, response)
File "C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Lib\urllib\request.py", line 630, in http_response
    response = self.parent.error(
File "C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Lib\urllib\request.py", line 559, in error
    return self._call_chain(*args)
File "C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Lib\urllib\request.py", line 492, in _call_chain
    result = func(*args)
File "C:\Users\carlo\ComfyUI_Windows_portable\python_standalone\Lib\urllib\request.py", line 639, in http_error_default
    raise HTTPError(req.full_url, code, msg, hdrs, fp)
urllib.error.HTTPError: HTTP Error 504: Gateway Time-out

[ReActor] Downloading GFPGANv1.3.pth to C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\facerestore_models\GFPGAN
v1.3.pth: 332MB [00:30, 11.4MB/s]
[ReActor] Downloading GFPGANv1.4.pth to C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\facerestore_models\GFPGAN
v1.4.pth: 332MB [00:30, 11.4MB/s]
[ReActor] Downloading codeformer-v0.1.0.pth to C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\facerestore_models
\codeformer-v0.1.0.pth: 359MB [00:33, 11.4MB/s]
[ReActor] Downloading GPEN-BFR-512.onnx to C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\facerestore_models\GP
```

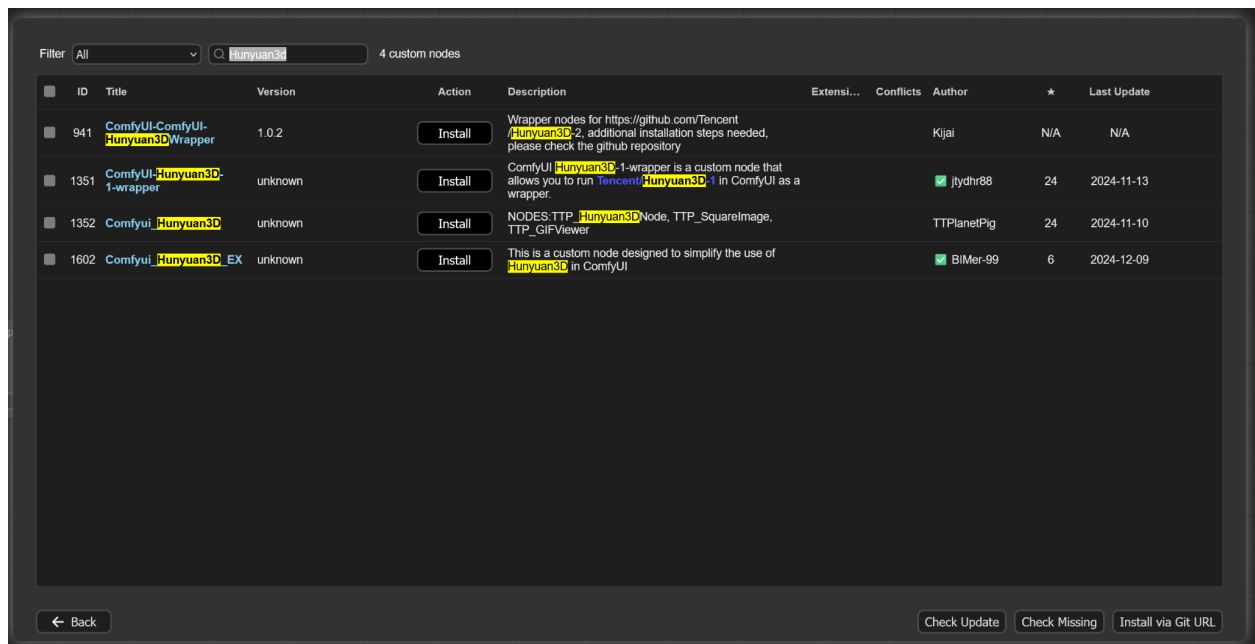
When done the desktop will be stable and look like this:



Update the ComfyUI 3d model plugin. Press **Manager** button and select **Custom Node manager** (top button):

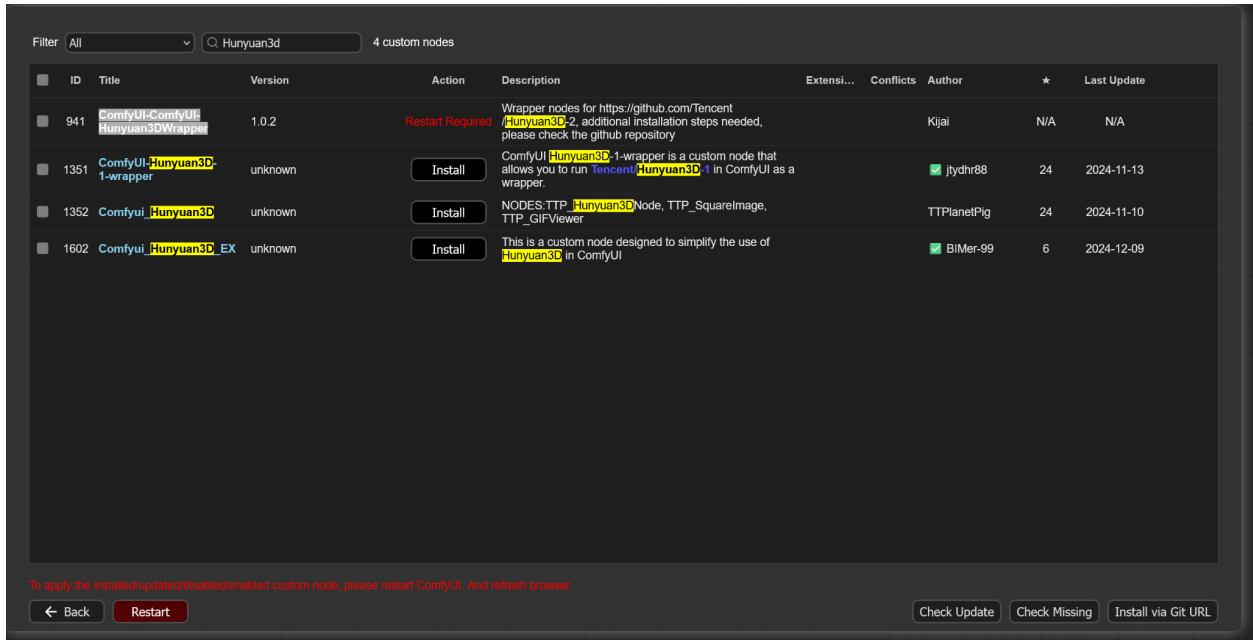


In search box at top type Hunyuan3d so it filters and shows the Hunyuan3d node plugin from Kijai



Press the **Install** button only for [ComfyUI-ComfyUI-Hunyuan3DWrapper](#) by Kijai

Popup appears and choose the highest number not nightly. Green button to accept install. Then it shows that it wants to restart.



Press the red **Restart** located bottom left. Wait and look at the logs. Refresh the web page when it show its DONE fetching as the screen shot below:

```

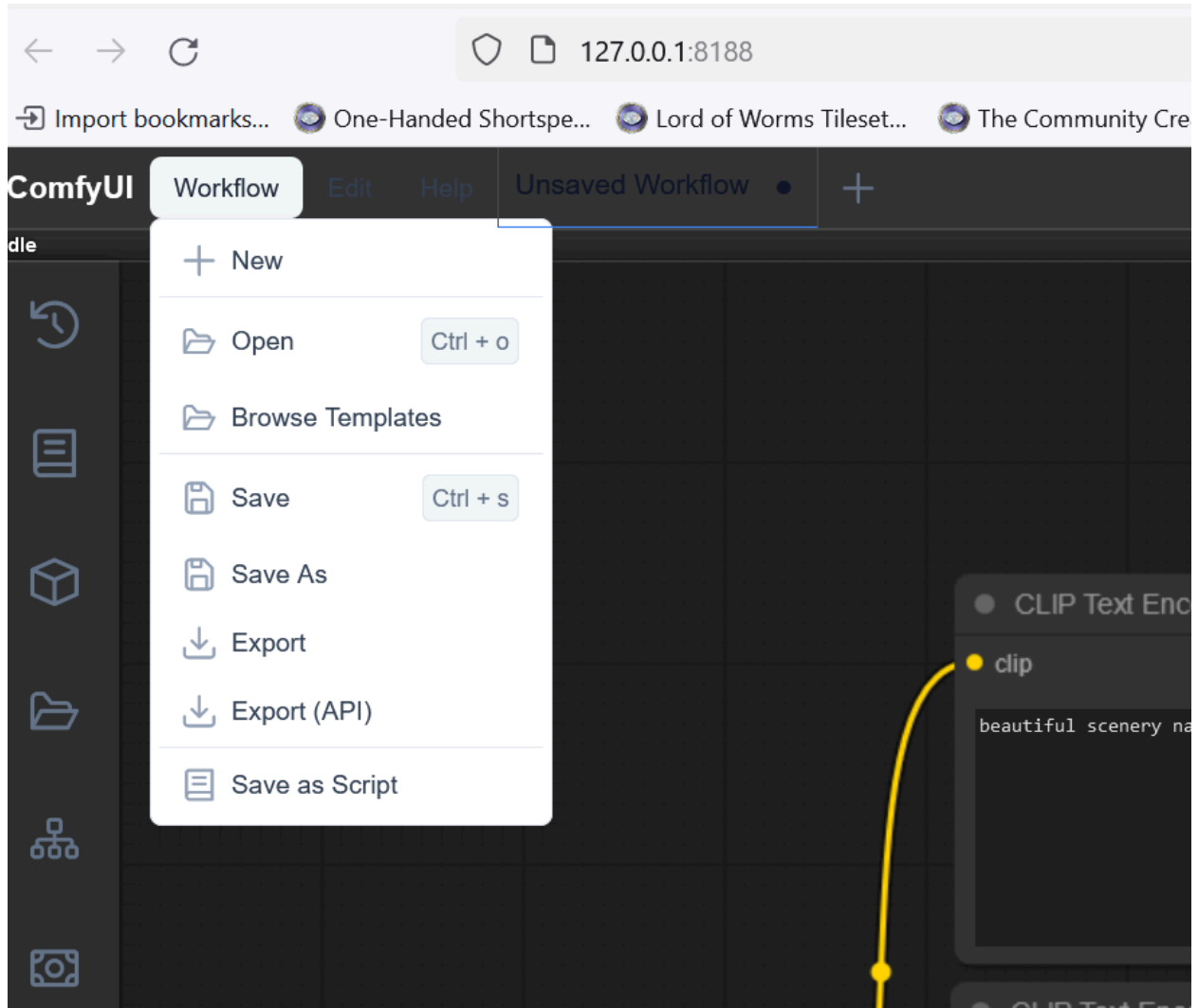
C:\WINDOWS\system32\cmd. x + v
0.3 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\ComfyUI-Easy-Use
0.3 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\comfyui-propost
0.4 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\ComfyUI-Manager
0.4 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\comfyui-hunyan3dwrapper
0.5 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\ComfyUI-FaceAnalysis
0.6 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\ComfyUI-ReActor
1.0 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\e-suite-comfyui
1.0 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\was-node-suite-comfyui
1.3 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\Jovimetrix
2.9 seconds: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\an3DWrapper

Starting server

To see the GUI go to: http://127.0.0.1:8188
FETCH ComfyRegistry Data: 5/32
FETCH ComfyRegistry Data: 10/32
FETCH ComfyRegistry Data: 15/32
FETCH ComfyRegistry Data: 20/32
FETCH ComfyRegistry Data: 25/32
FETCH ComfyRegistry Data: 30/32
FETCH ComfyRegistry Data [DONE]
[ComfyUI-Manager] default cache updated: https://api.comfy.org/nodes
nightly_channel: https://raw.githubusercontent.com/ltdrdata/ComfyUI-Manager/main/remote
FETCH DATA from: https://raw.githubusercontent.com/ltdrdata/ComfyUI-Manager/main/custom-node-list.json [DONE]

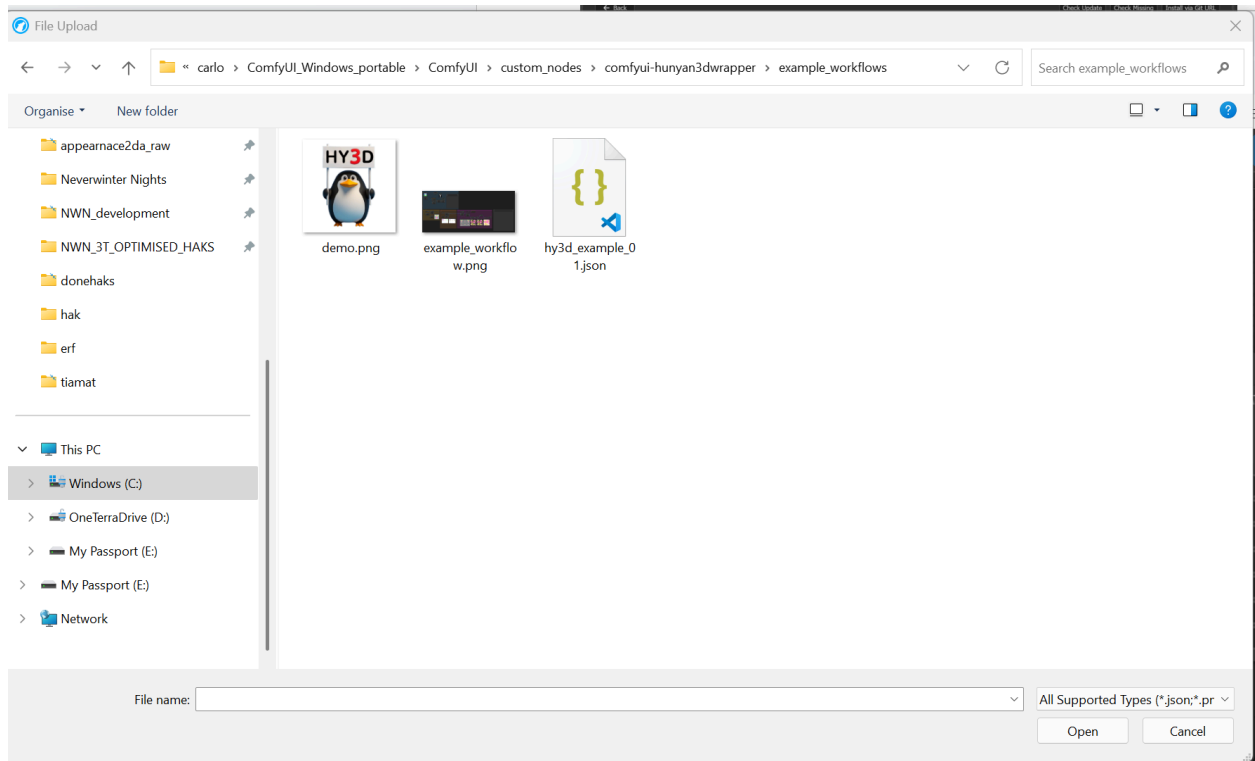
```

Load the 3d model workflow. Press the menu Workflow | Open.



Open your windows user home dir and navigate to the plugin workflow folder.

C:\Users\[YOURNAMEHERE]\ComfyUI_Windows_portable\ComfyUI\custom_nodes\comfyui-hu
nyan3dwrapper\example_workflows

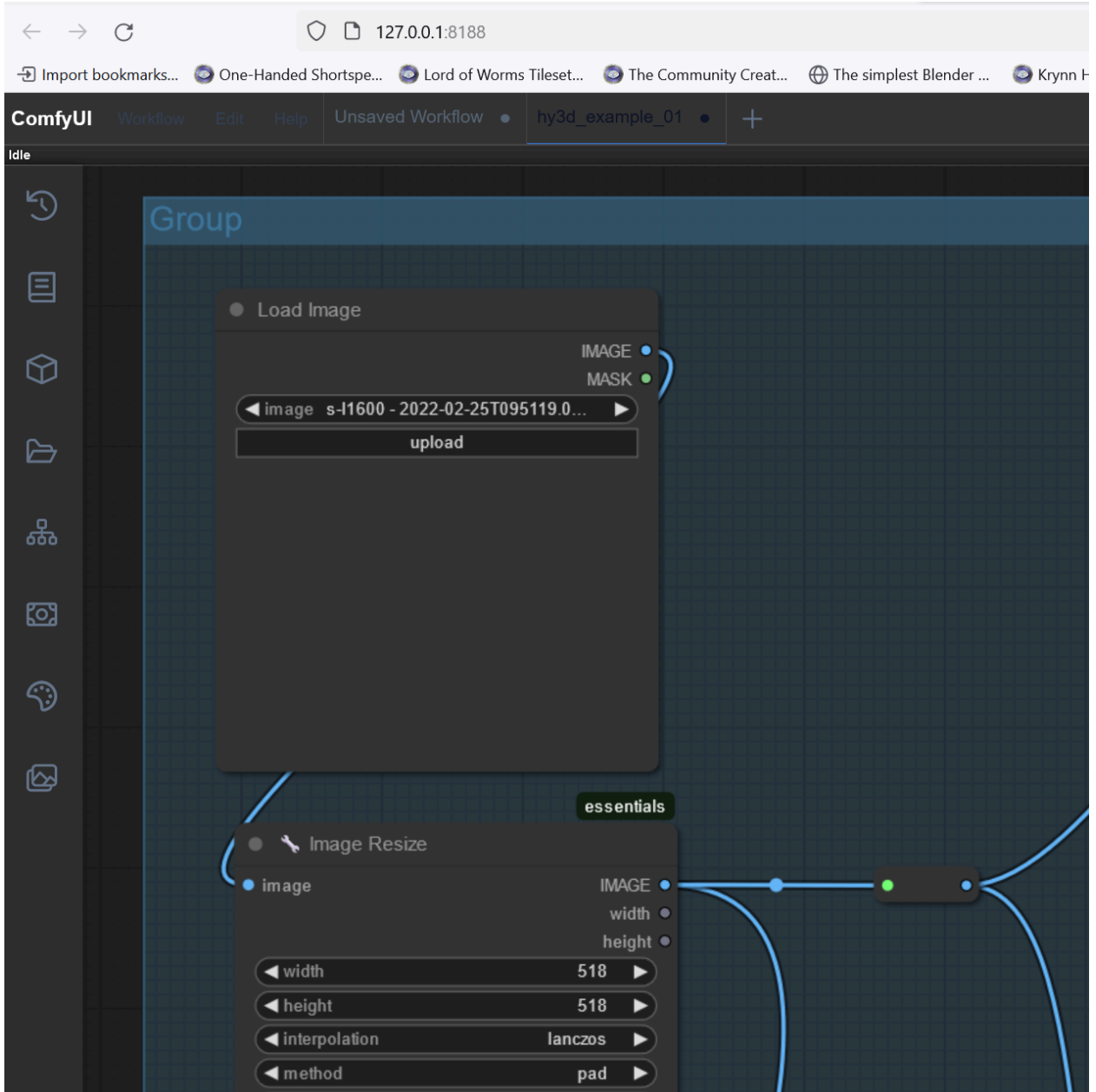


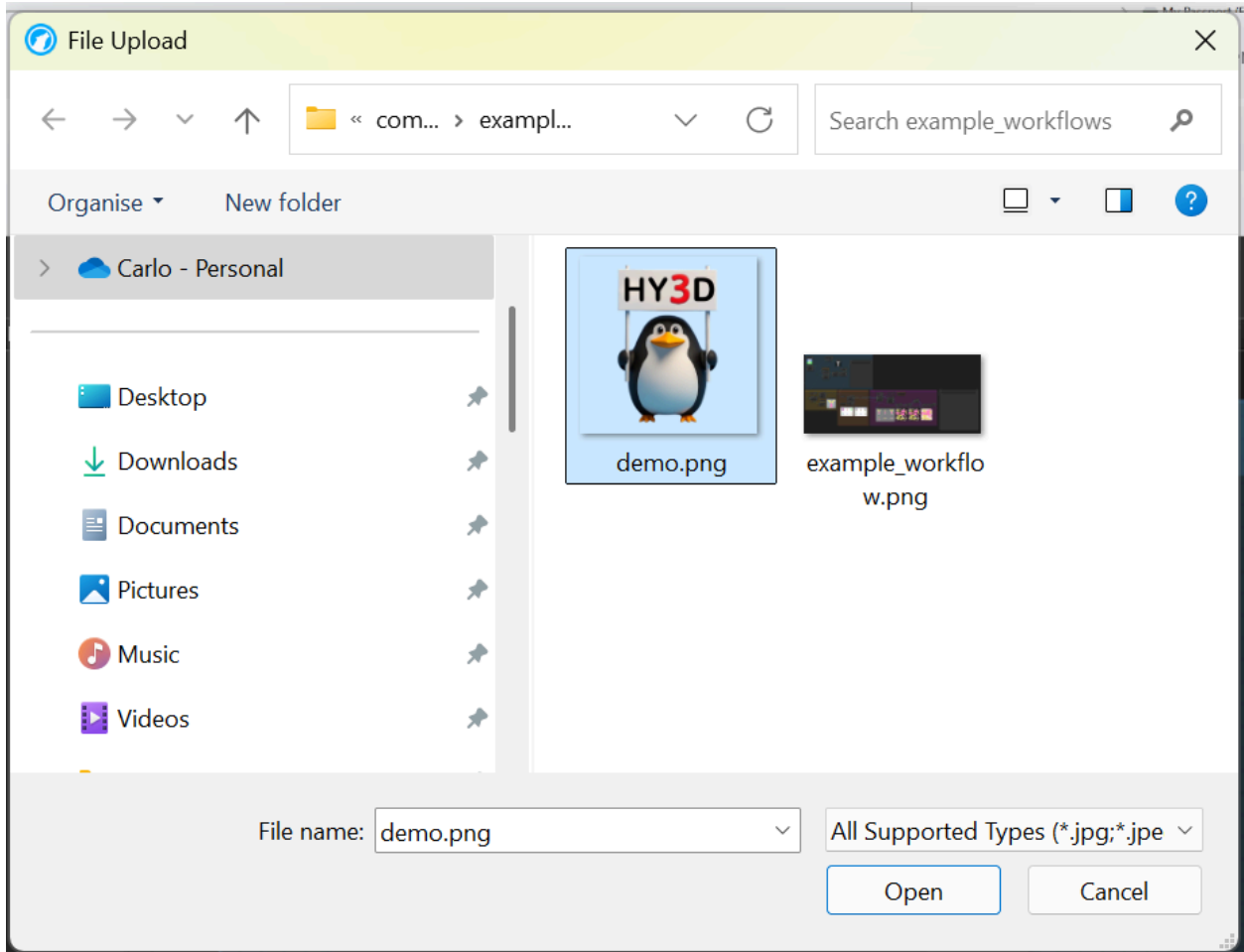
Select the `hy3d_example_01.json` file

A new desktop appears for the 3d model building.

Select the top left box to load 2d image of Penguin you saw in the json workflow folder.

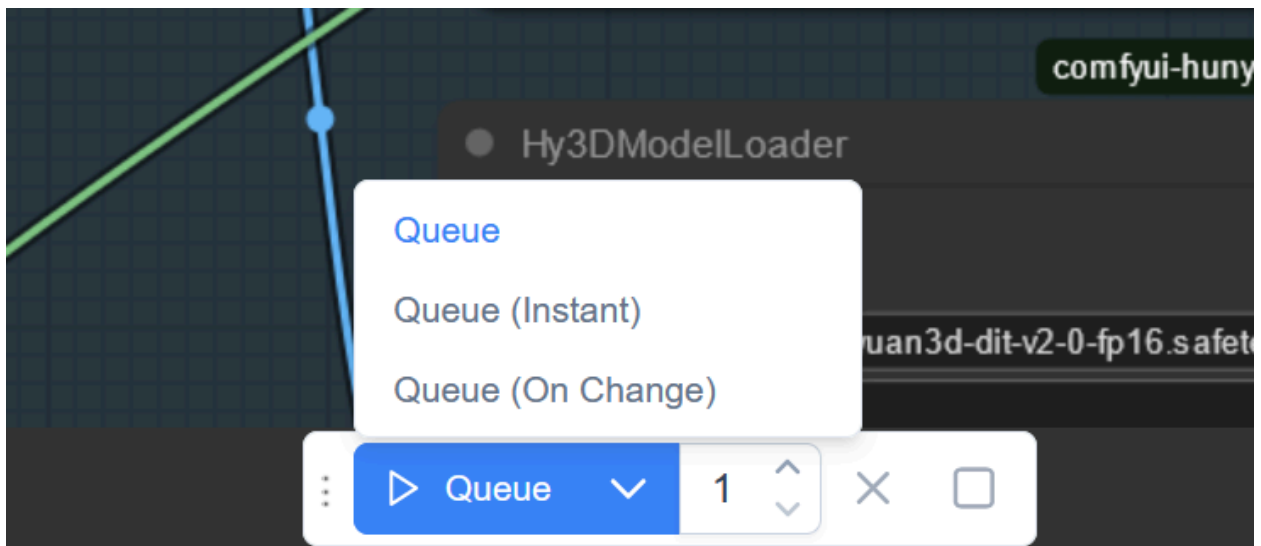
Use mousewheel to zoom in, left mouse to hold canvass. Move to the top left. Press upload button and load penguin image.





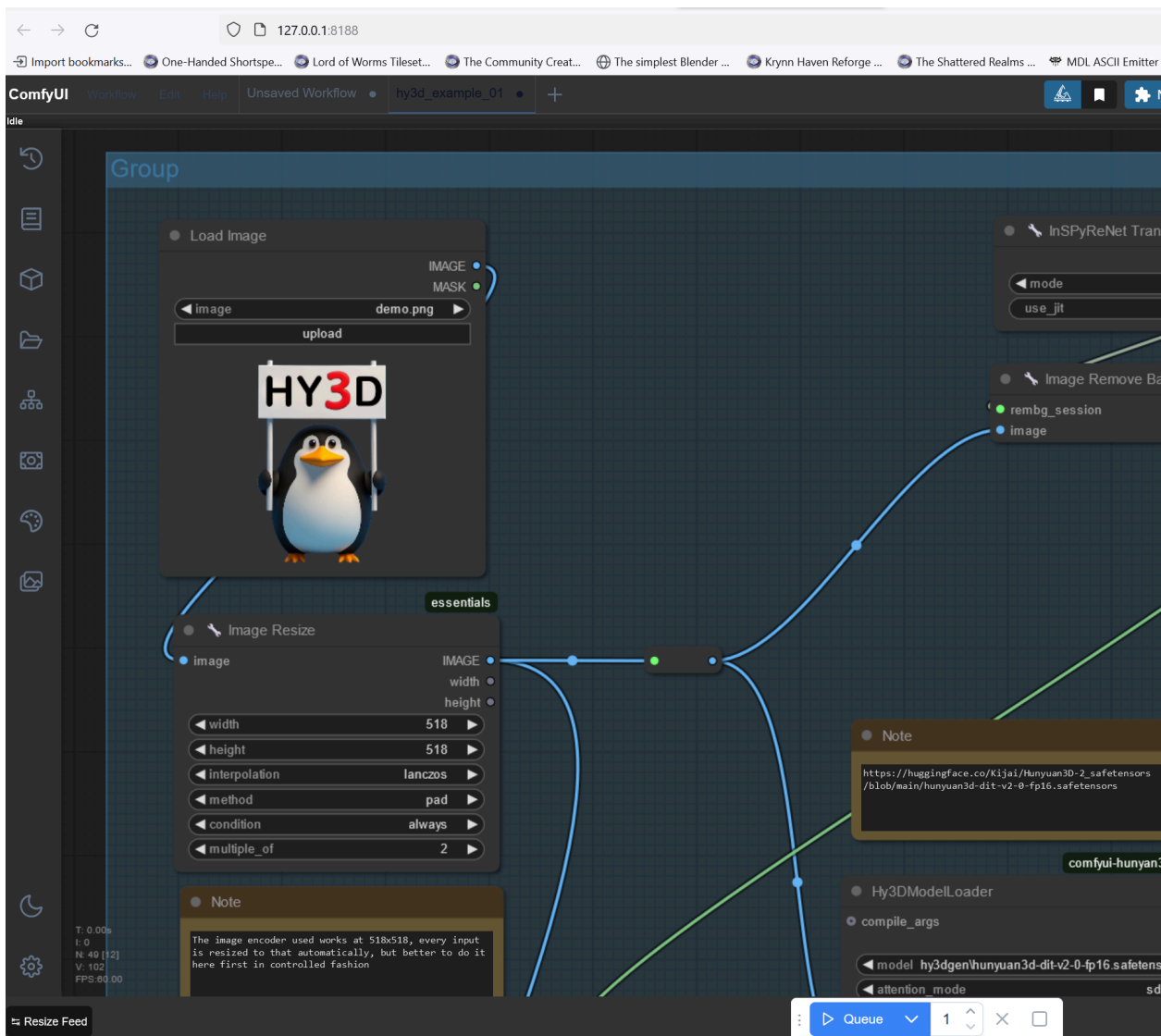
2d Image penguin is ready to turn into test 3d model.

Press the blue button and arrow to show Queue Instant.

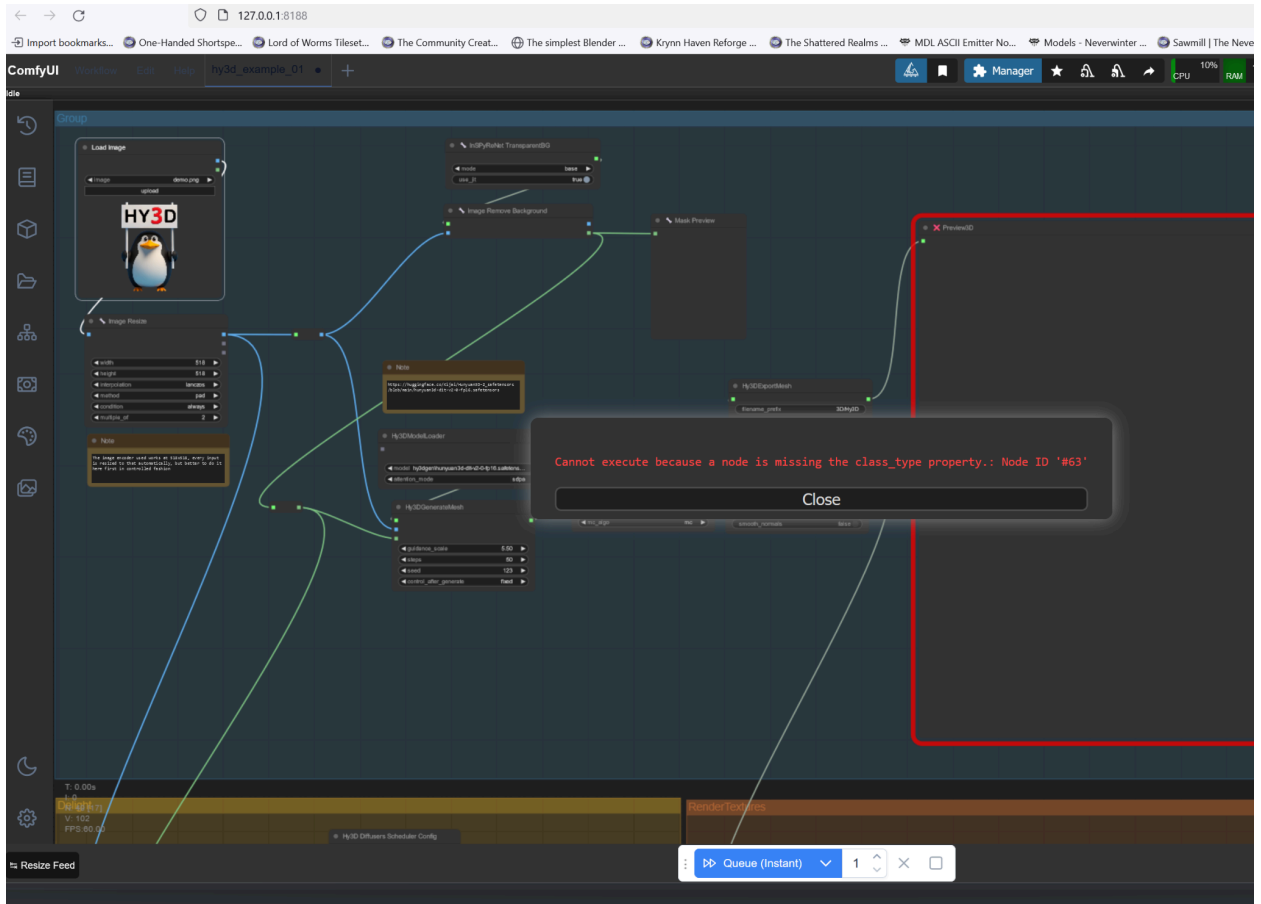




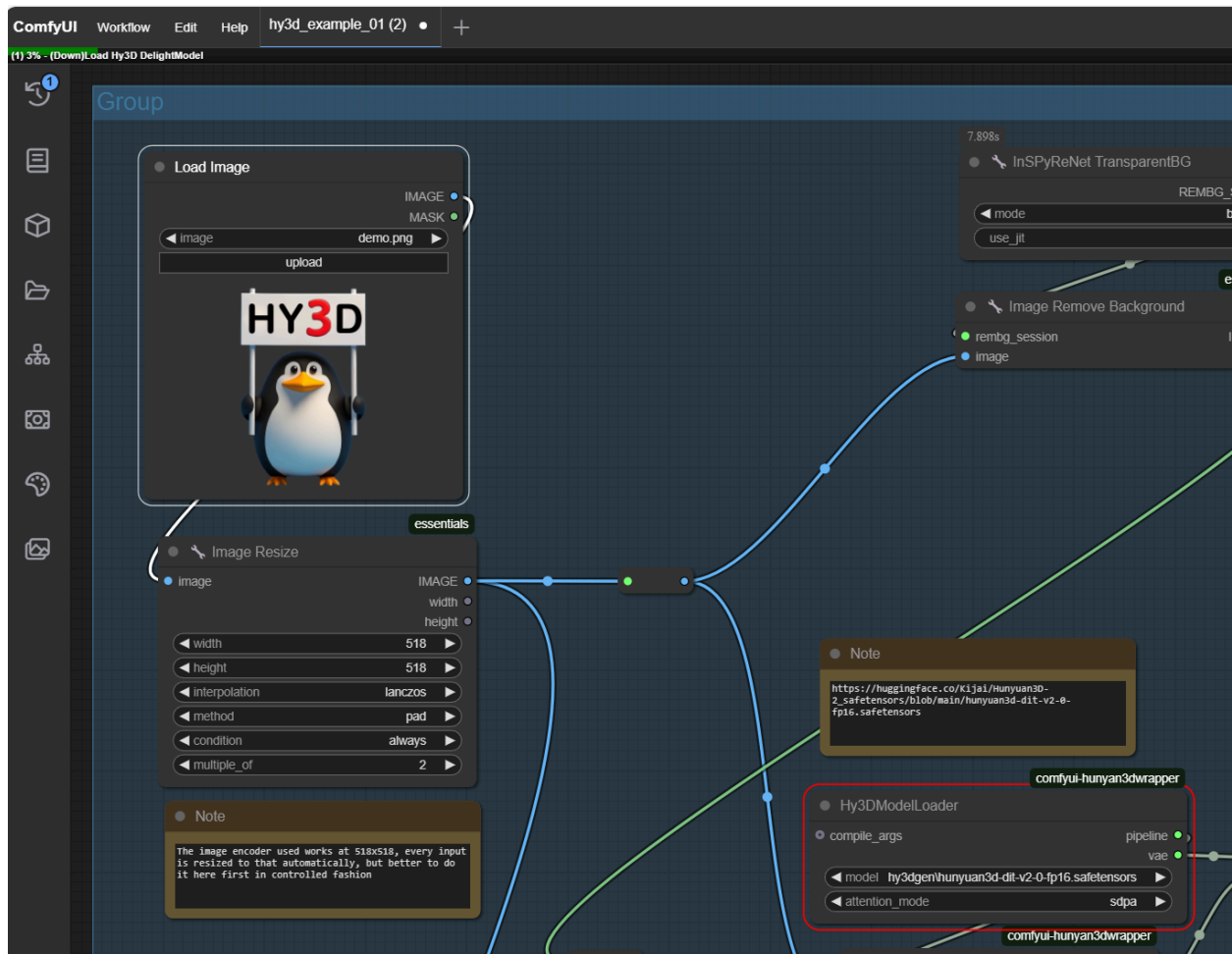
To run press the **Two arrows** Queue button now. It will run.



If you get this red error message you can ignore it. Do an update and restart again. Or you can delete and add the red node but its easier to update and restart. It will show red once and then disappear forever because its on setup mode.



Run and monitor the instant queue and if works then top left appears a small green progress download bar showing its downloading a model it needs:



Monitor the logs it says its busy downloading and installing. Notice its still downloading the green progress bar top of screen.

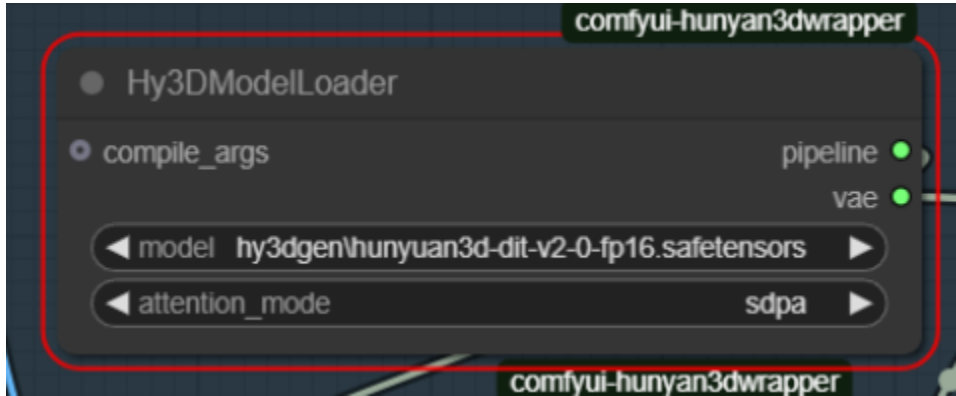
```
C:\WINDOWS\system32\cmd. x + v - □ ×
I-Manager\extension-node-map.json [DONE]
got prompt
Failed to validate prompt for output 126:
* Hy3DModelLoader 10:
  - Value not in list: model: 'hy3dgen\hunyuan3d-dit-v2-0-fp16.safetensors' not in [
'hunyuan3d-dit-v2-0-fp16.safetensors', 'hunyuan3d-dit-v2-0.ckpt']
Output will be ignored
Failed to validate prompt for output 127:
Output will be ignored
Failed to validate prompt for output 125:
Output will be ignored
Failed to validate prompt for output 116:
Output will be ignored
Failed to validate prompt for output 150:
Output will be ignored
Failed to validate prompt for output 111:
Output will be ignored
Failed to validate prompt for output 90:
Output will be ignored
Failed to validate prompt for output 151:
Output will be ignored
Settings -> Mode=base, Device=cuda:0, Torchscript=enabled
Downloading model to: C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\models\diffuse
rs\hunyuan3d-delight-v2-0
Fetching 13 files: 38% | ██████████ | 5/13 [01:47<03:03, 22.88s/it]
```

After download it gets busy with processing:

```
C:\WINDOWS\system32\cmd. x + v
got prompt
Failed to validate prompt for output 126:
* Hy3DModelLoader 10:
  - Value not in list: model: 'hy3dgen\hunyuan3d-dit-v2-0-fp16.safetensors' not in [
'hunyuan3d-dit-v2-0-fp16.safetensors', 'hunyuan3d-dit-v2-0.ckpt']
Output will be ignored
Failed to validate prompt for output 127:
Output will be ignored
Failed to validate prompt for output 125:
Output will be ignored
Failed to validate prompt for output 116:
Output will be ignored
Failed to validate prompt for output 150:
Output will be ignored
Failed to validate prompt for output 111:
Output will be ignored
Failed to validate prompt for output 90:
Output will be ignored
Failed to validate prompt for output 151:
Output will be ignored
Prompt executed in 0.02 seconds
got prompt
invalid prompt: {'type': 'invalid_prompt', 'message': 'Cannot execute because a node
is missing the class_type property.', 'details': "Node ID '#63'", 'extra_info': {}}
```

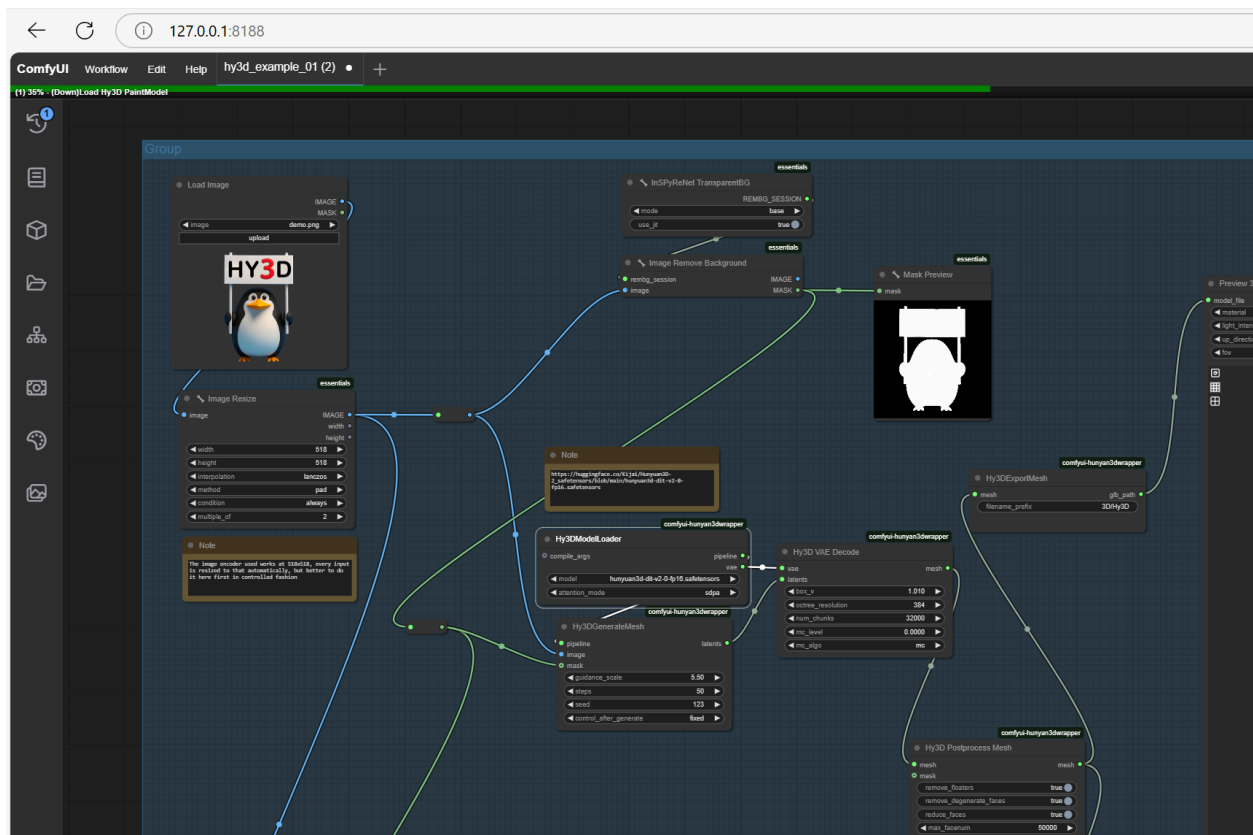
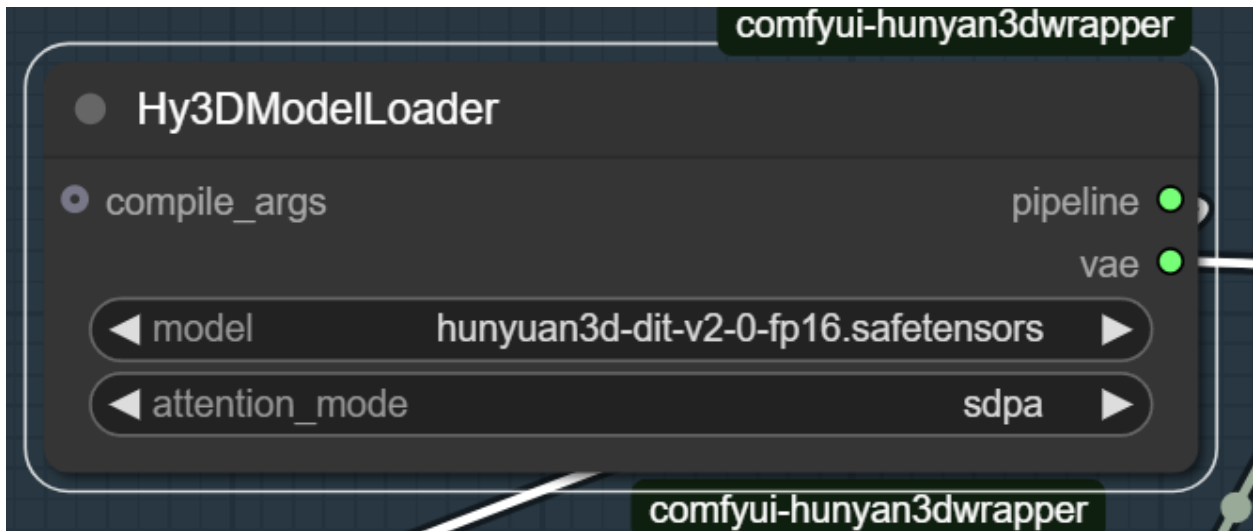
After a few mins of it starting first time it will prepare all its plugins and you see some more penguins steps being processed. Follow the green arrow to green boxes. Where it gets stuck on red box means its stuck and then you will fix it with a small change.

The middle Hanyuan3dModel Loader will flash green and red as its busy and penguins will flash. The **correct model** needs to be selected as it has the wrong default model.



Press the **model property right arrow button once** to change the model. It will select the next correct model that has similar name without the hy3dgen\ in front. This is the correct model name to use. As soon as you do that it will complete this box and red warning will disappear and

the flow will continue. More downloads begin for the first time, notice the green progress bar again. Wait for the 3d model to be created. Follow the green arrow flow to the bottom right.






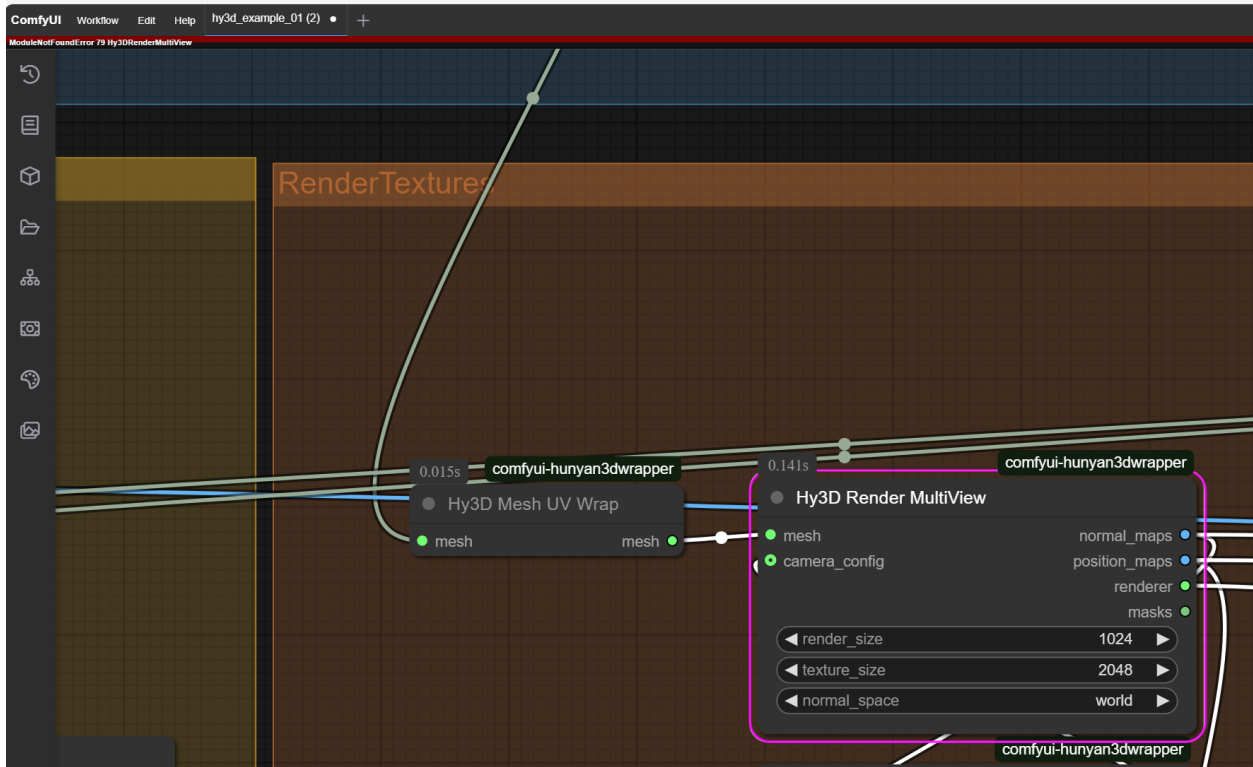
Hy3DRenderMultiView

No module named 'custom_rasterizer'

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Its because the Hy3d RenderMulti view node needs to know how to do CUDA with Python.

Run the second **SetupCudaForComfyUI3Dplugin** program. It runs some python install commands to connect Nvidia CUDA drivers. It will take about 1 minute to run and install. If the workflow does not automatically go green after 30 seconds press the queue button again.

When finished installing after a few mins it will show:

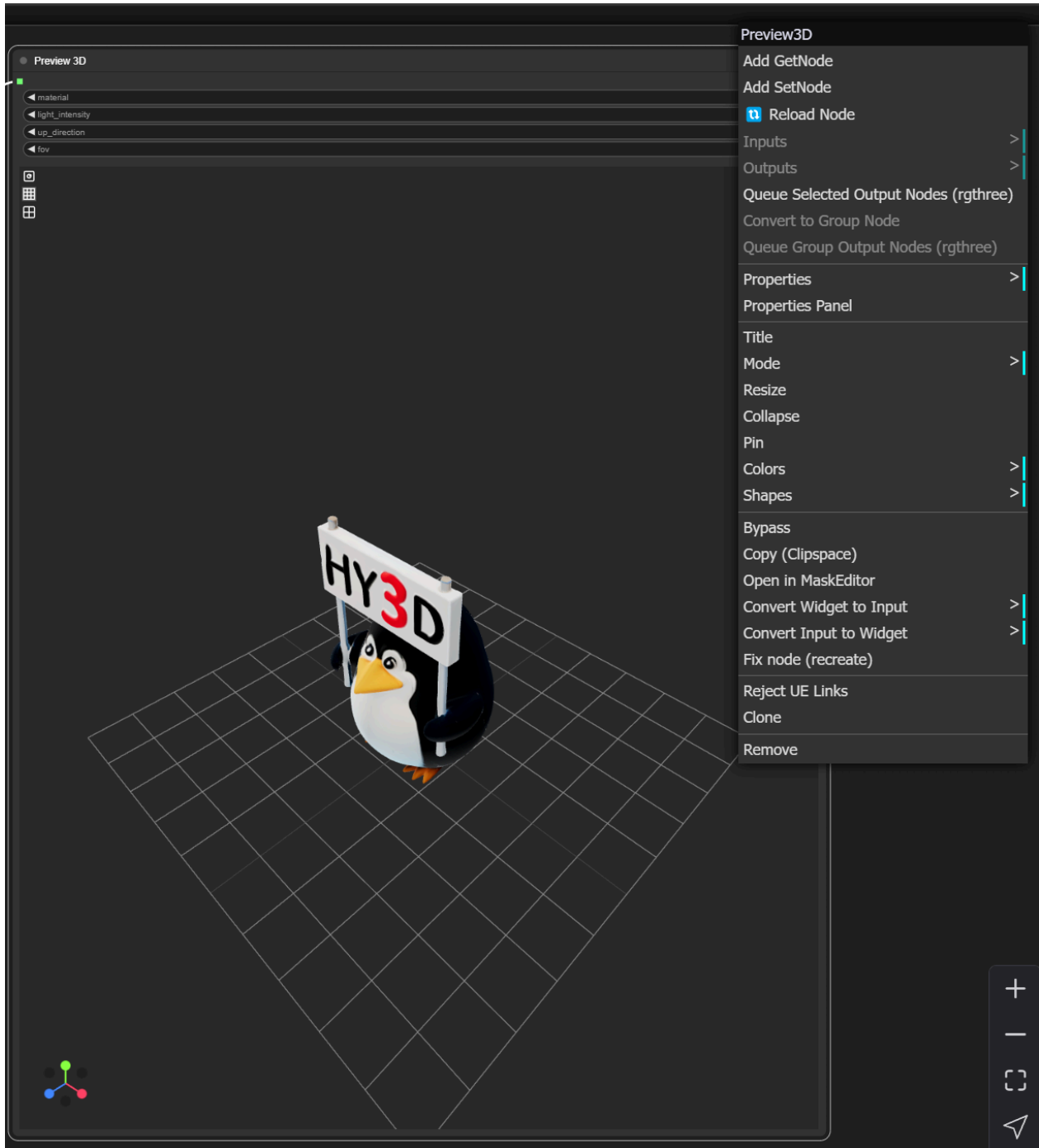
```
Command Prompt

Installed c:\users\carlo\comfyui_windows_portable\python_standalone\lib\site-packages\custom_rasterizer-0.1.0+torch251.c
uda124-py3.12-win-amd64.egg
Processing dependencies for custom-rasterizer==0.1.0+torch251.cuda124
Finished processing dependencies for custom-rasterizer==0.1.0+torch251.cuda124

C:\Users\carlo\ComfyUI_Windows_portable\ComfyUI\custom_nodes\comfyui-hunyan3dwrapper\hy3dgen\texgen\custom_rasterizer>C:
\Users\carlo\ComfyUI_Windows_portable\python_standalone\python.exe -m pip install .
DEPRECATION: Loading egg at c:\users\carlo\comfyui_windows_portable\python_standalone\lib\site-packages\custom_rasterize
r-0.1.0+torch251.cuda124-py3.12-win-amd64.egg is deprecated. pip 25.1 will enforce this behaviour change. A possible rep
lacement is to use pip for package installation. Discussion can be found at https://github.com/pypa/pip/issues/12330
Processing c:\users\carlo\comfyui_windows_portable\comfyui\custom_nodes\comfyui-hunyan3dwrapper\hy3dgen\texgen\custom_ra
sterizer
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: custom_rasterizer
  Building wheel for custom_rasterizer (setup.py) ... done
  Created wheel for custom_rasterizer: filename=custom_rasterizer-0.1.0+torch251.cuda124-cp312-cp312-win_amd64.whl size=
134853 sha256=c2a7502ace1ecfb48b5fefe3b5d728b71f59298049a51352a6a3df8ebed3b627
  Stored in directory: C:\Users\carlo\AppData\Local\Temp\pip-ephem-wheel-cache-4aja4vbk\wheels\57\e0\5a\12b69074e7cb9cda
2521419b0325b15b0bf1655e40ff2f043b
Successfully built custom_rasterizer
Installing collected packages: custom_rasterizer
  Attempting uninstall: custom_rasterizer
    Found existing installation: custom_rasterizer 0.1.0+torch251.cuda124
    Uninstalling custom_rasterizer-0.1.0+torch251.cuda124:
      Successfully uninstalled custom_rasterizer-0.1.0+torch251.cuda124
Successfully installed custom_rasterizer-0.1.0+torch251.cuda124
```



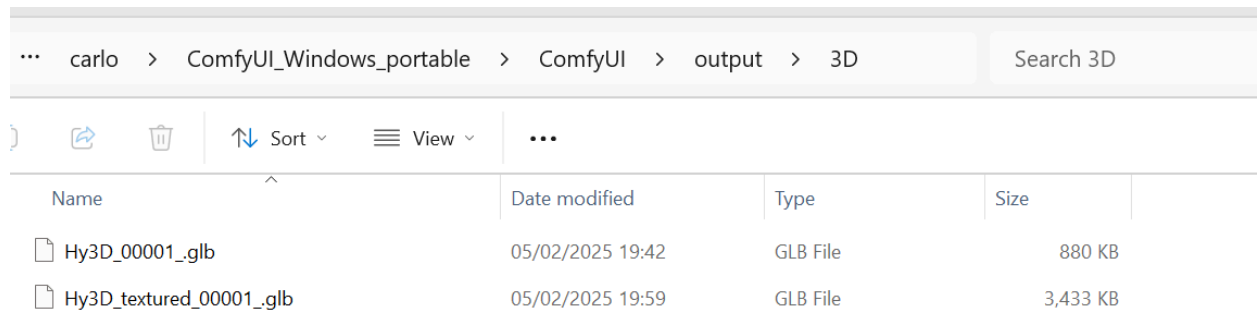
Resize the 3d model window bottom right that's empty. It has the 3d model but it does not show by default until you resize the panel or move it (i guess to save graphics card resources or its buggy). Can also right click and press resize from menu.



Spin that penguin around by holding mouse down or scroll wheel button.

When you make image to 3d model it will take a 1 to 2 minutes to make a model. The model will appear bottom right and you can spin it around.

When it finished creating the 3d model it automatically saves it as GLB Model file in **output dir**:
C:\Users\{WIN_USER_NAME}\ComfyUI_Windows_portable\ComfyUI\output



The screenshot shows a Windows File Explorer window with the following path: carlo > ComfyUI_Windows_portable > ComfyUI > output > 3D. The search bar contains 'Search 3D'. The toolbar includes icons for Home, Copy, Delete, Sort, View, and a menu. The main area displays a table of files:

Name	Date modified	Type	Size
Hy3D_00001_.glb	05/02/2025 19:42	GLB File	880 KB
Hy3D_textured_00001_.glb	05/02/2025 19:59	GLB File	3,433 KB

You can import GLB model into Blender with UV textures already setup.