

# 教程：Stable Diffusion 安装过程中常见报错解决方法



## Stable Diffusion | 安装过程中常见报错解决方法

大家可能在安装部署 Stable Diffusion WebUI 过程中遇到各种各样的问题，本站已对所有问题进行汇总整理，而且教大家如何去查看报错。解决常见的 Installing gfpgan、BLIP 错误、显存不足等各种各样的花式问题，希望大家在看完此文章之后，都能够顺利解决各自所遇到的问题。

### 如何查看报错

在你安装时可能经常遇到各种各样的问题，但是对于一堆陌生的英文和各种各样的错误，大家可能经常无从下手，下面我将会教大家如何查看报错。

```
1 (base) C:\OpenAI.Wiki\stable-diffusion-webui>webui-user.bat
2 venv "C:\OpenAI.Wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
3 Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17)
  [MSC v.1916 64 bit (AMD64)]
4 Commit hash: 955df7751eef11bb7697e2d77f6b8a6226b21e13
5 Installing clip
6 Installing open_clip
7 Cloning Stable Diffusion into C:\OpenAI.Wiki\stable-diffusion-
  webui\repositories\stable-diffusion-stability-ai...
8 Cloning Taming Transformers into C:\OpenAI.Wiki\stable-diffusion-
  webui\repositories\taming-transformers...
9 Cloning K-diffusion into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\k-
  diffusion...
```

```
10 Cloning CodeFormer into C:\OpenAI.Wiki\stable-diffusion-
webui\repositories\CodeFormer...
11 Traceback (most recent call last):
12 File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 351, in
13 prepare_environment()
14 File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 287, in
15 prepare_environment
16 git_clone(codeformer_repo, repo_dir('CodeFormer'), "CodeFormer",
17 codeformer_commit_hash)
18 File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 151, in git_clone
19 run(f'"{git}" clone "{url}" "{dir}"', f"Cloning {name} into {dir}...",
20 f"Couldn't clone {name}")
21 File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 97, in run
22 raise RuntimeError(message)
23 RuntimeError: Couldn't clone CodeFormer.
24 Command: "git" clone "https://github.com/sczhou/CodeFormer.git"
25 "C:\OpenAI.Wiki\stable-diffusion-webui\repositories\CodeFormer"
26 Error code: 128
27 stdout:
28 stderr: Cloning into 'C:\OpenAI.Wiki\stable-diffusion-
webui\repositories\CodeFormer'...
```

我们先看一下第一行内容 `(base) C:\OpenAI.Wiki\stable-diffusion-webui>webui-user.bat`，前面的 `(base)` 是使用 conda 创建的虚拟环境名称，代表我们目前正在使用哪一个虚拟环境，很显然这与本站所提供的教程是不一致的，正常来说应该是 `(D:\openai.wiki\stable-diffusion-webui\automatic)`，这一串路径就是虚拟环境的名称。

第 5 行和第 6 行分别是 `Installing clip` 和 `Installing open_clip`，这是两个依赖库。这里没有报错，因为后面是 Cloning 一些其它的依赖库。

第 11 行 `Traceback (most recent call last):`，这就是代表出现问题了，我们在出现问题的前一行中可以看到内容为 `Cloning CodeFormer into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\CodeFormer...`，这就是代表是一步出错了。

## 网络问题

### 解决方法

本部分内容基本都是因为网络问题，大部分安装问题可以通过使用国内镜像源来解决。

例如：我们需要在执行安装 requirements.txt 文件时，我们可以尝试使用 `pip install -i https://mirrors.aliyun.com/pypi/simple/ -r D:/openai.wiki/stable-diffusion-webui/requirements.txt`。

这段代码可以理解为不使用官方下载地址，而是国内阿里云的镜像地址下载相关依赖组件。

如果还是不能解决，请自行搜索 **CMD魔法上网**，有一些魔法工具即便可以访问 Youtube、Google 等网站，也不代表它能够在 CMD 中是可以正常使用的，因为有一些魔法工具无法在 CMD 中被继承。

## Stable-Diffusion-Stability-AI

```
1  venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
2  Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17)
   [MSC v.1916 64 bit (AMD64)]
3  Commit hash: 22bcc7be428c94e9408f589966c2040187245d81
4  Cloning Stable Diffusion into D:\openai.wiki\stable-diffusion-
   webui\repositories\stable-diffusion-stability-ai...
5  Traceback (most recent call last):
6  File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 355, in
7  prepare_environment()
8  File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 288, in
   prepare_environment
9  git_clone(stable_diffusion_repo, repo_dir('stable-diffusion-stability-ai'),
   "Stable Diffusion", stable_diffusion_commit_hash)
10 File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 151, in git_clone
11 run(f'"{git}" clone "{url}" "{dir}"', f"Cloning {name} into {dir}...",
   f"Couldn't clone {name}")
12 File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 97, in run
13 raise RuntimeError(message)
14 RuntimeError: Couldn't clone Stable Diffusion.
15 Command: "git" clone "https://github.com/Stability-AI/stablediffusion.git"
   "D:\openai.wiki\stable-diffusion-webui\repositories\stable-diffusion-
   stability-ai"
16 Error code: 128
17 stdout:
18 stderr: Cloning into 'D:\openai.wiki\stable-diffusion-
   webui\repositories\stable-diffusion-stability-ai'...
19 fatal: unable to access 'https://github.com/Stability-
   AI/stablediffusion.git/': OpenSSL SSL_connect: SSL_ERROR_SYSCALL in
   connection to github.com:443
```

脚本在执行 `git clone https://github.com/Stability-AI/stablediffusion.git` 命令时无法下载 **Stable-Diffusion-Stability-AI** 库。

## PyPI 错误

note: This error originates from a subprocess, and is likely not a problem with pip.

error: metadata-generation-failed

Encountered error while generating package metadata.

See above for output.

note: This is an issue with the package mentioned above, not pip.

hint: See above for details.

PyPI 元数据包有问题，可以尝试执行 `pip cache purge` 清理缓存。

哈希值不正确

```
(base) tianjihuideMBP:stable-diffusion-webui color$ ./webui.sh

#####

Install script for stable-diffusion + Web UI

Tested on Debian 11 (Bullseye)

#####

#####

Running on color user

#####

#####

Repo already cloned, using it as install directory

#####

#####

Create and activate python venv

#####

#####

Launching launch.py...

#####

Python 3.10.10 (v3.10.10:aad5f6a891, Feb 7 2023, 08:47:40) [Clang 13.0.0 (clang-1300.0.29.30)]

Commit hash:

Traceback (most recent call last):

File "/Users/color/stable-diffusion-webui/launch.py", line 378, in
prepare_environment()

File "/Users/color/stable-diffusion-webui/launch.py", line 315, in prepare_environment
git_clone(stable_diffusion_repo, repo_dir( 'stable-diffusion-stability-ai' ), "Stable Diffusion" ,

File "/Users/color/stable-diffusion-webui/launch.py", line 152, in git_clone
```

```
current_hash = run(f' {git}' -C "{dir}" rev-parse HEAD' , None,
File "/Users/color/stable-diffusion-webui/launch.py" , line 105, in run
raise RuntimeError(message)

RuntimeError: Couldn't determine Stable Diffusion's hash:
47b6b607fdd31875c9279cd2f4f16b92e4ea958e.

Command: "git" -C "repositories/stable-diffusion-stability-ai" rev-parse HEAD

Error code: 128

stdout: HEAD

stderr: fatal: ambiguous argument 'HEAD' : unknown revision or path not in the working tree.
Use '- ' to separate paths from revisions, like this:
'git [...] -- [...]'
```

```
(base) tianjihuideMBP:stable-diffusion-webui color$
```

这个错误似乎是在运行一个 Python 脚本时出现的。根据输出信息来看，该脚本尝试克隆一个名为 Stable Diffusion 的 git 仓库，但是它无法确定该仓库的哈希值。

建议删除整个项目，然后重新安装部署。

## 组件不匹配

```
ERROR: Could not find a version that satisfies the requirement opencv-contrib-python (from
versions: none)

ERROR: No matching distribution found for opencv-contrib-python
```

这个错误信息意味着在当前使用的 Python 环境下，没有找到匹配的 **opencv-contrib-python** 版本。这可能是因为在 PyPI 上没有发布所需的版本或版本不兼容。请尝试使用 **pip search** 命令来搜索可用的版本，并尝试安装兼容的版本。

按道理来说，如果根据教程来安装是不会出现这个问题的，尽量删除后从头来过，严格遵守每一步。

## CodeFormer

```
(base) C:\OpenAI.Wiki\stable-diffusion-webui>webui-user.bat

venv "C:\OpenAI.Wiki\stable-diffusion-webui\venv\Scripts\Python.exe"

Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit
(AMD64)]

Commit hash: 955df7751eef11bb7697e2d77f6b8a6226b21e13

Installing clip

Installing open_clip
```

Cloning Stable Diffusion into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\stable-diffusion-stability-ai...

Cloning Taming Transformers into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\taming-transformers...

Cloning K-diffusion into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\k-diffusion...

Cloning CodeFormer into C:\OpenAI.Wiki\stable-diffusion-webui\repositories\CodeFormer...

Traceback (most recent call last):

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 351, in  
prepare\_environment()

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 287, in prepare\_environment  
git\_clone(codeformer\_repo, repo\_dir( 'CodeFormer' ), "CodeFormer" ,  
codeformer\_commit\_hash)

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 151, in git\_clone  
run(f" {git}" clone "{url}" "{dir}" ',f" Cloning {name} into {dir}...' ,f" Couldn' t clone  
{name}" )

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 97, in run  
raise RuntimeError(message)

RuntimeError: Couldn' t clone CodeFormer.

Command: "git" clone "<https://github.com/sczhou/CodeFormer.git>"  
"C:\OpenAI.Wiki\stable-diffusion-webui\repositories\CodeFormer"

Error code: 128

stdout:

stderr: Cloning into 'C:\OpenAI.Wiki\stable-diffusion-webui\repositories\CodeFormer' ...

这里看起来是在克隆 CodeFormer 时出了问题。错误信息表明 Git 无法克隆该仓库。请确保您的计算机可以访问 <https://github.com/sczhou/CodeFormer.git>，并且您有权访问该仓库。您可以尝试手动克隆该仓库以查看是否存在任何错误。

## 无法链接 SD 库

venv "C:\OpenAI.Wiki\stable-diffusion-webui\venv\Scripts\Python.exe"

Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit  
(AMD64)]

Commit hash: 64da5c46ef0d68b9048747c2e0d46ce3495f9f29

Fetching updates for Stable Diffusion...

---

Traceback (most recent call last):

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 351, in

prepare\_environment()

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 284, in prepare\_environment

git\_clone(stable\_diffusion\_repo, repo\_dir( 'stable-diffusion-stability-ai' ), "Stable  
Diffusion" , stable\_diffusion\_com

mit\_hash)

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 147, in git\_clone

run(f" {git}" -C "{dir}" fetch' , f" Fetching updates for {name}..." , f" Couldn' t fetch  
{name}" )

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 97, in run

raise RuntimeError(message)

RuntimeError: Couldn' t fetch Stable Diffusion.

Command: "git" -C "C:\OpenAI.Wiki\stable-diffusion-webui\repositories\stable-diffusion-  
stability-ai" fetch

Error code: 128

stdout:

stderr: fatal: unable to access 'https://github.com/AUTOMATIC1111/stable-diffusion-  
webui.git/' : OpenSSL SSL\_read: Connec

tion was reset, errno 10054

这个错误信息看起来是从 Github 下载 Stable Diffusion 的时候出错了，可能是网络连接问题。建议检查网络连接是否能够正常使用魔法，

## SD 库不完整

venv "C:\OpenAI.Wiki\stable-diffusion-webui\venv\Scripts\Python.exe"

Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit  
(AMD64)]

Commit hash: 64da5c46ef0d68b9048747c2e0d46ce3495f9f29

Fetching updates for Stable Diffusion...

Checking out commit for Stable Diffusion with hash:

47b6b607fdd31875c9279cd2f4f16b92e4ea958e...

Traceback (most recent call last):

File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 351, in



```
prepare_environment()
```

```
File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 284, in prepare_environment
```

```
git_clone(stable_diffusion_repo, repo_dir( 'stable-diffusion-stability-ai' ), "Stable  
Diffusion" , stable_diffusion_com
```

```
mit_hash)
```

```
File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 148, in git_clone
```

```
run(f" {git}" -C "{dir}" checkout {commithash}' , f" Checking out commit for {name} with  
hash: {commithash}..." , f" Cou
```

```
ldn' t checkout commit {commithash} for {name}" )
```

```
File "C:\OpenAI.Wiki\stable-diffusion-webui\launch.py", line 97, in run
```

```
raise RuntimeError(message)
```

```
RuntimeError: Couldn' t checkout commit 47b6b607fdd31875c9279cd2f4f16b92e4ea958e for  
Stable Diffusion.
```

```
Command: "git" -C "C:\OpenAI.Wiki\stable-diffusion-webui\repositories\stable-diffusion-  
stability-ai" checkout 47b6b607fd
```

```
d31875c9279cd2f4f16b92e4ea958e
```

```
Error code: 128
```

```
stdout:
```

```
stderr: fatal: reference is not a tree: 47b6b607fdd31875c9279cd2f4f16b92e4ea958e
```

这个错误表示在检出 Stable Diffusion 时出现问题。可能是由于该库的某些文件或依赖项已更改或已移除，导致无法找到所需的提交。请尝试清除本地库并重新克隆 Stable Diffusion，然后再次运行代码。

## 未找到 pip

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.10 (tags/v3.10.10:aad5f6a, Feb 7 2023, 17:20:36) [MSC v.1929 64 bit (AMD64)]
```

```
Commit hash: 4c1ad743e3baf1246db0711aa0107debf036a12b
```

```
Installing torch and torchvision
```

```
D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe: No module named pip
```

```
Traceback (most recent call last):
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 351, in
```

```
prepare_environment()
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 253, in prepare_environment
```



```
run(f" {python}" -m {torch_command}" , "Installing torch and torchvision" , "Couldn' t  
install torch" , live=True)
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py" , line 81, in run
```

```
raise RuntimeError(f" " " {errdesc or 'Error running command' }.
```

```
RuntimeError: Couldn' t install torch.
```

```
Command: "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe" -m pip install  
torch==1.13.1+cu117 torchvision==0.14.1+cu117 --extra-index-url  
https://download.pytorch.org/whl/cu117
```

```
Error code: 1
```

根据错误日志，似乎在运行 `launch.py` 文件尝试安装 torch 和 torchvision。然而，这个命令在运行时出现了错误，错误信息是 `No module named pip`。

这可能是因为 Python 环境中没有安装 pip，所以在运行 pip 命令时出现了问题。

你可以尝试先安装 pip，然后再运行 `launch.py`。你可以使用以下命令来安装 pip：

```
python get-pip.py
```

这应该会在你的 Python 环境中安装 pip。然后你可以再次运行启动文件即可。

## open\_clip

```
F:\openai.wiki\stable-diffusion-webui>webui-user.bat
```

```
venv "F:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit  
(AMD64)]
```

```
Commit hash: a9fed7c364061ae6efb37f797b6b522cb3cf7aa2
```

```
Installing open_clip
```

```
Traceback (most recent call last):
```

```
File "F:\openai.wiki\stable-diffusion-webui\launch.py" , line 380, in
```

```
prepare_environment()
```

```
File "F:\openai.wiki\stable-diffusion-webui\launch.py" , line 296, in prepare_environment
```

```
run_pip(f" install {openclip_package}" , "open_clip" )
```

```
File "F:\openai.wiki\stable-diffusion-webui\launch.py" , line 145, in run_pip
```

```
return run(f" {python}" -m pip {args} --prefer-binary{index_url_line}" , desc=f" Installing  
{desc}" , errdesc=f" Couldn' t install {desc}" )
```

```
File "F:\openai.wiki\stable-diffusion-webui\launch.py" , line 113, in run
```

```
raise RuntimeError(message)
```

RuntimeError: Couldn't install open\_clip.

Command: "F:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe" -m pip install git+[https://github.com/mlfoundations/open\\_clip.git@bb6e834e9c70d9c27d0dc3ecedebeaeb1ffad6b](https://github.com/mlfoundations/open_clip.git@bb6e834e9c70d9c27d0dc3ecedebeaeb1ffad6b) --prefer-binary

Error code: 1

stdout: Collecting

git+[https://github.com/mlfoundations/open\\_clip.git@bb6e834e9c70d9c27d0dc3ecedebeaeb1ffad6b](https://github.com/mlfoundations/open_clip.git@bb6e834e9c70d9c27d0dc3ecedebeaeb1ffad6b)

Cloning [https://github.com/mlfoundations/open\\_clip.git](https://github.com/mlfoundations/open_clip.git) (to revision bb6e834e9c70d9c27d0dc3ecedebeaeb1ffad6b) to c:\users\administrator\appdata\local\temp\pip-req-build-0bs\_j2f1

stderr: Running command git clone --filter=blob:none --quiet

[https://github.com/mlfoundations/open\\_clip.git](https://github.com/mlfoundations/open_clip.git)

'C:\Users\Administrator\AppData\Local\Temp\pip-req-build-0bs\_j2f1'

error: RPC failed; curl 18 HTTP/2 stream 3 was not closed cleanly before **end of** the underlying stream

fatal: expected flush after ref listing

error: subprocess-exited-with-error

git clone --filter=blob:none --quiet [https://github.com/mlfoundations/open\\_clip.git](https://github.com/mlfoundations/open_clip.git)

'C:\Users\Administrator\AppData\Local\Temp\pip-req-build-0bs\_j2f1' did not run successfully.

exit code: 128

See above **for** output.

note: **This** error originates from a subprocess, and is likely not a problem with pip.

error: subprocess-exited-with-error

git clone --filter=blob:none --quiet [https://github.com/mlfoundations/open\\_clip.git](https://github.com/mlfoundations/open_clip.git)

'C:\Users\Administrator\AppData\Local\Temp\pip-req-build-0bs\_j2f1' did not run successfully.

exit code: 128

See above **for** output.

note: **This** error originates from a subprocess, and is likely not a problem with pip.

[notice] A **new** release **of** pip available: 22.3.1 -> 23.0.1

[notice] To update, run: F:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip install --upgrade pip

这个错误提示是在运行一个名为“webui-user.bat”的文件时出现的。错误提示表明程序试图安装名为“open\_clip”的包，但是安装失败了。下面是详细的错误信息：

```
Running command git clone --filter=blob:none --quiet
https://github.com/mlfoundations/open_clip.git
'C:\Users\Administrator\AppData\Local\Temp\pip-req-build-0bs_j2f1'
error: RPC failed; curl 18 HTTP/2 stream 3 was not closed cleanly before end of the underlying
stream
fatal: expected flush after ref listing
error: subprocess-exited-with-error

git clone --filter=blob:none --quiet https://github.com/mlfoundations/open_clip.git
'C:\Users\Administrator\AppData\Local\Temp\pip-req-build-0bs_j2f1' did not run
successfully.
exit code: 128

See above for output.

note: This error originates from a subprocess, and is likely not a problem with pip.
```

根据错误信息分析，程序在安装“open\_clip”包时，尝试从 GitHub 上克隆代码仓库，但是克隆失败了，可能是由于网络连接问题或 GitHub 服务器出现问题导致的。您可以尝试重新运行程序，或稍后再试，看看能否成功安装该包。

## SD 库不正确

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)]
Commit hash: a9fed7c364061ae6efb37f797b6b522cb3cf7aa2
Fetching updates for Stable Diffusion...
Checking out commit for Stable Diffusion with hash:
47b6b607fdd31875c9279cd2f4f16b92e4ea958e...
Traceback (most recent call last):
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 380, in
prepare_environment()
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 315, in prepare_environment
git_clone(stable_diffusion_repo, repo_dir('stable-diffusion-stability-ai'), "Stable
Diffusion", stable_diffusion_commit_hash)
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 164, in git_clone
```

```
run(f" {git}" -C "{dir}" checkout {commithash}' , f" Checking out commit for {name} with  
hash: {commithash}..." , f" Couldn' t checkout commit {commithash} for {name}" )
```

File "D:\openai.wiki\stable-diffusion-webui\launch.py" , line 113, in run

```
raise RuntimeError(message)
```

RuntimeError: Couldn' t checkout commit 47b6b607fdd31875c9279cd2f4f16b92e4ea958e **for**  
Stable Diffusion.

Command: "git" -C "D:\openai.wiki\stable-diffusion-webui\repositories\stable-diffusion-  
stability-ai" checkout 47b6b607fdd31875c9279cd2f4f16b92e4ea958e

Error code: 128

stdout:

stderr: fatal: reference is not a tree: 47b6b607fdd31875c9279cd2f4f16b92e4ea958e

根据您提供的信息，看起来是在运行一个名为 **launch.py** 的 Python 脚本时发生了错误。根据错误信息，似乎出现了 Git 无法检出提交的问题。这可能是由于 Git 存储库的状态不正确或由于网络连接问题而导致的。您可以尝试运行以下命令来检查网络连接：

```
ping files.pythonhosted.org
```

## PIP 超时

ERROR: Exception:

Traceback (most recent call last):

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py" , line 437, in _error_catcher  
yield
```

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py" , line 560, in read  
data = self._fp_read(amt) if not fp_closed else b" "
```

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py" , line 526, in _fp_read  
return self._fp.read(amt) if amt is not None else self._fp.read()
```

```
File "E:\conda\lib\site-packages\pip\_vendor\cachecontrol\filewrapper.py" , line 90, in read  
data = self.__fp.read(amt)
```

```
File "E:\conda\lib\http\client.py" , line 465, in read  
s = self.fp.read(amt)
```

```
File "E:\conda\lib\socket.py" , line 705, in readinto  
return self._sock.recv_into(b)
```

```
File "E:\conda\lib\ssl.py" , line 1274, in recv_into
```

```
return self.read(nbytes, buffer)
```

```
File "E:\conda\lib\ssl.py" , line 1130, in read
```

```
return self._sslobj.read(len, buffer)
```

```
TimeoutError: The read operation timed out
```

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

```
File "E:\conda\lib\site-packages\pip\_internal\cli\base_command.py" , line 160, in  
exc_logging_wrapper
```

```
status = run_func(*args)
```

```
File "E:\conda\lib\site-packages\pip\_internal\cli\req_command.py" , line 247, in wrapper
```

```
return func(self, options, args)
```

```
File "E:\conda\lib\site-packages\pip\_internal\commands\install.py" , line 400, in run
```

```
requirement_set = resolver.resolve(
```

```
File "E:\conda\lib\site-packages\pip\_internal\resolution\resolvelib\resolver.py" , line 92, in  
resolve
```

```
result = self._result = resolver.resolve(
```

```
File "E:\conda\lib\site-packages\pip\_vendor\resolvelib\resolvers.py" , line 481, in resolve
```

```
state = resolution.resolve(requirements, max_rounds=max_rounds)
```

```
File "E:\conda\lib\site-packages\pip\_vendor\resolvelib\resolvers.py" , line 348, in resolve
```

```
self._add_to_criteria(self.state.criteria, r, parent=None)
```

```
File "E:\conda\lib\site-packages\pip\_vendor\resolvelib\resolvers.py" , line 172, in  
_add_to_criteria
```

```
if not criterion.candidates:
```

```
File "E:\conda\lib\site-packages\pip\_vendor\resolvelib\structs.py" , line 151, in bool
```

```
return bool(self._sequence)
```

```
File "E:\conda\lib\site-packages\pip\_internal\resolution\resolvelib\found_candidates.py" ,  
line 155, in bool
```

```
return any(self)
```

```
File "E:\conda\lib\site-packages\pip\_internal\resolution\resolvelib\found_candidates.py" ,  
line 143, in
```

```
return (c for c in iterator if id(c) not in self._incompatible_ids)
```

---

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\found\_candidates.py" ,  
line 47, in \_iter\_built

candidate = func()

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\factory.py" , line 206, in  
\_make\_candidate\_from\_link

self.\_link\_candidate\_cache[link] = LinkCandidate(

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py" , line 297,  
in init

super().\_\_init\_\_(

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py" , line 162,  
in init

self.dist = self.\_prepare()

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py" , line 231,  
in \_prepare

dist = self.\_prepare\_distribution()

File "E:\conda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py" , line 308,  
in \_prepare\_distribution

return preparer.prepare\_linked\_requirement(self.\_ireq, parallel\_builds=True)

File "E:\conda\lib\site-packages\pip\\_internal\operations\prepare.py" , line 491, in  
prepare\_linked\_requirement

return self.\_prepare\_linked\_requirement(req, parallel\_builds)

File "E:\conda\lib\site-packages\pip\\_internal\operations\prepare.py" , line 536, in  
\_prepare\_linked\_requirement

local\_file = unpack\_url(

File "E:\conda\lib\site-packages\pip\\_internal\operations\prepare.py" , line 166, in unpack\_url

file = get\_http\_url(

File "E:\conda\lib\site-packages\pip\\_internal\operations\prepare.py" , line 107, in  
get\_http\_url

from\_path, content\_type = download(link, temp\_dir.path)

File "E:\conda\lib\site-packages\pip\\_internal\network\download.py" , line 147, in call

for chunk in chunks:

File "E:\conda\lib\site-packages\pip\\_internal\cli\progressBars.py" , line 53, in  
\_rich\_progress\_bar

---

```
for chunk in iterable:
```

```
File "E:\conda\lib\site-packages\pip\_internal\network\utils.py", line 63, in response_chunks
```

```
for chunk in response.raw.stream(
```

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py", line 621, in stream
```

```
data = self.read(amt=amt, decode_content=decode_content)
```

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py", line 559, in read
```

```
with self._error_catcher():
```

```
File "E:\conda\lib\contextlib.py", line 153, in exit
```

```
self.gen.throw(typ, value, traceback)
```

```
File "E:\conda\lib\site-packages\pip\_vendor\urllib3\response.py", line 442, in _error_catcher
```

```
raise ReadTimeoutError(self._pool, None, "Read timed out.")
```

```
pip._vendor.urllib3.exceptions.ReadTimeoutError:
```

```
HTTPSConnectionPool(host='files.pythonhosted.org', port=443): Read timed out.
```

这个错误通常是因为 pip 尝试从远程服务器下载软件包时连接超时。你可以尝试重新运行命令，或者尝试使用 pip 的 “-default-timeout” 选项来增加超时时间，如下所示：

```
pip install --default-timeout=1000 package_name
```

这里，超时时间为 1000 秒。如果仍然无法解决问题，你可以尝试更改你的网络连接。

## requirements

卡在了 installing requirements for web ui 这一步

输出显示出现了一个 SSL 错误，它可能是由于网络问题导致的。你可以尝试使用其他网络环境或在网络良好的情况下重试安装。

此外，你还可以尝试在命令行中运行以下命令更新 pip，然后重新运行安装：

```
python -m pip install --upgrade pip
```

## xformers

No module 'xformers'. Proceeding without it.

每次启动时显示如上内容，这并不算错误，新版 SD 不支持 xformers，可以手动更改为支持。

这个库的主要作用是可以加速生成图像，但有时候安装过后速度反而下降，所以建议保持即可，不用理会。

## GFPGAN

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

---



Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit (AMD64)]

Commit hash:

Installing gfpgan

Traceback (most recent call last):

File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 380, in

prepare\_environment()

File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 290, in prepare\_environment

run\_pip(f" install {gfpgan\_package}" , "gfpgan" )

File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 145, in run\_pip

return run(f" {python}" -m pip {args} -prefer-binary{index\_url\_line}' , desc=f" Installing {desc}" , errdesc=f" Couldn' t install {desc}" )

File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 113, in run

raise RuntimeError(message)

RuntimeError: Couldn' t install gfpgan.

Command: "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe" -m pip install git+https://github.com/TencentARC/GFPGAN.git@8d2447a2d918f8eba5a4a01463fd48e45126a379 -prefer-binary

Error code: 1

stdout: Collecting

git+https://github.com/TencentARC/GFPGAN.git@8d2447a2d918f8eba5a4a01463fd48e45126a379

Cloning https://github.com/TencentARC/GFPGAN.git (to revision

8d2447a2d918f8eba5a4a01463fd48e45126a379) to c:\users\17742\appdata\local\temp\pip-req-build-ocz06mwj

stderr: Running command git clone -filter=blob:none -quiet

https://github.com/TencentARC/GFPGAN.git 'C:\Users\17742\AppData\Local\Temp\pip-req-build-ocz06mwj'

fatal: unable to access 'https://github.com/TencentARC/GFPGAN.git/' : Failed to connect to github.com port 443 after 21046 ms: Couldn' t connect to server

error: subprocess-exited-with-error

git clone -filter=blob:none -quiet https://github.com/TencentARC/GFPGAN.git

'C:\Users\17742\AppData\Local\Temp\pip-req-build-ocz06mwj' did not run successfully.

```
exit code: 128
```

```
See above for output.
```

```
note: This error originates from a subprocess, and is likely not a problem with pip.
```

```
error: subprocess-exited-with-error
```

```
git clone --filter=blob:none --quiet https://github.com/TencentARC/GFPGAN.git
```

```
‘C:\Users\17742\AppData\Local\Temp\pip-req-build-ocz06mwj’ did not run successfully.
```

```
exit code: 128
```

```
See above for output.
```

```
note: This error originates from a subprocess, and is likely not a problem with pip.
```

```
[notice] A new release of pip available: 22.3.1 -> 23.0.1
```

```
[notice] To update, run: D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip  
install --upgrade pip
```

这个错误显示在安装 gfpgan 时出现了问题。看起来尝试从 GitHub 克隆代码库失败了。

最有可能的原因是你的计算机无法连接到 GitHub，或者 GitHub 网站当前遇到了问题。

尝试检查你的网络连接并确保你可以连接到 GitHub，或者稍后再尝试安装。另外，你可能也可以尝试升级你的 pip 版本。

## subprocess-exited-with-error

```
error: subprocess-exited-with-error
```

```
× python setup.py egg_info did not run successfully.
```

```
| exit code: 1
```

```
└> [109 lines of output]
```

```
D:\Miniconda\lib\site-packages\setuptools\installer.py:27: SetuptoolsDeprecationWarning:  
setuptools.installer is deprecated. Requirements should be satisfied by a PEP 517 installer.
```

```
warnings.warn(  
ERROR: Exception:
```

```
Traceback (most recent call last):
```

```
File “D:\Miniconda\lib\site-packages\pip\_vendor\urllib3\response.py”, line 437, in  
_error_catcher
```

```
yield
```

```
File “D:\Miniconda\lib\site-packages\pip\_vendor\urllib3\response.py”, line 560, in read  
data = self._fp_read(amt) if not fp_closed else b” ”
```

File "D:\Miniconda\lib\site-packages\pip\\_vendor\urllib3\response.py", line 526, in \_fp\_read

return self.\_fp.read(amt) if amt is not None else self.\_fp.read()

File "D:\Miniconda\lib\site-packages\pip\\_vendor\cachecontrol\filewrapper.py", line 90, in read

data = self.\_\_fp.read(amt)

File "D:\Miniconda\lib\http\client.py", line 465, in read

s = self.fp.read(amt)

File "D:\Miniconda\lib\socket.py", line 705, in readinto

return self.\_sock.recv\_into(b)

File "D:\Miniconda\lib\ssl.py", line 1274, in recv\_into

return self.read(nbytes, buffer)

File "D:\Miniconda\lib\ssl.py", line 1130, in read

return self.\_sslobj.read(len, buffer)

TimeoutError: The read operation timed out

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "D:\Miniconda\lib\site-packages\pip\\_internal\cli\base\_command.py", line 160, in exc\_logging\_wrapper

status = run\_func(\*args)

File "D:\Miniconda\lib\site-packages\pip\\_internal\cli\req\_command.py", line 247, in wrapper

return func(self, options, args)

File "D:\Miniconda\lib\site-packages\pip\\_internal\commands\wheel.py", line 170, in run

requirement\_set = resolver.resolve(reqs, check\_supported\_wheels=True)

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\resolver.py", line 92, in resolve

result = self.\_result = resolver.resolve(

File "D:\Miniconda\lib\site-packages\pip\\_vendor\resolvelib\resolvers.py", line 481, in resolve

state = resolution.resolve(requirements, max\_rounds=max\_rounds)

File "D:\Miniconda\lib\site-packages\pip\\_vendor\resolvelib\resolvers.py", line 348, in resolve

self.\_add\_to\_criteria(self.state.criteria, r, parent=None)

File "D:\Miniconda\lib\site-packages\pip\\_vendor\resolvelib\resolvers.py", line 172, in \_add\_to\_criteria

if not criterion.candidates:

File "D:\Miniconda\lib\site-packages\pip\\_vendor\resolvelib\structs.py", line 151, in bool

return bool(self.\_sequence)

File "D:\Miniconda\lib\site-

packages\pip\\_internal\resolution\resolvelib\found\_candidates.py", line 155, in bool

return any(self)

File "D:\Miniconda\lib\site-

packages\pip\\_internal\resolution\resolvelib\found\_candidates.py", line 143, in

return (c for c in iterator if id(c) not in self.\_incompatible\_ids)

File "D:\Miniconda\lib\site-

packages\pip\\_internal\resolution\resolvelib\found\_candidates.py", line 47, in \_iter\_built

candidate = func()

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\factory.py", line 206,

in \_make\_candidate\_from\_link

self.\_link\_candidate\_cache[link] = LinkCandidate(

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py", line

297, in init

super().\_\_init\_\_(

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py", line

162, in init

self.dist = self.\_prepare()

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py", line

231, in \_prepare

dist = self.\_prepare\_distribution()

File "D:\Miniconda\lib\site-packages\pip\\_internal\resolution\resolvelib\candidates.py", line

308, in \_prepare\_distribution

return preparer.prepare\_linked\_requirement(self.\_ireq, parallel\_builds=True)

File "D:\Miniconda\lib\site-packages\pip\\_internal\operations\prepare.py", line 491, in

prepare\_linked\_requirement

return self.\_prepare\_linked\_requirement(req, parallel\_builds)

File "D:\Miniconda\lib\site-packages\pip\\_internal\operations\prepare.py", line 536, in

\_prepare\_linked\_requirement

local\_file = unpack\_url(

---

File "D:\Miniconda\lib\site-packages\pip\\_internal\operations\prepare.py", line 166, in unpack\_url

file = get\_http\_url(

File "D:\Miniconda\lib\site-packages\pip\\_internal\operations\prepare.py", line 107, in get\_http\_url

from\_path, content\_type = download(link, temp\_dir.path)

File "D:\Miniconda\lib\site-packages\pip\\_internal\network\download.py", line 147, in call  
for chunk in chunks:

File "D:\Miniconda\lib\site-packages\pip\\_internal\network\utils.py", line 63, in response\_chunks

for chunk in response.raw.stream(

File "D:\Miniconda\lib\site-packages\pip\\_vendor\urllib3\response.py", line 621, in stream  
data = self.read(amt=amt, decode\_content=decode\_content)

File "D:\Miniconda\lib\site-packages\pip\\_vendor\urllib3\response.py", line 559, in read  
with self.\_error\_catcher():

File "D:\Miniconda\lib\contextlib.py", line 153, in exit

self.gen.throw(typ, value, traceback)

File "D:\Miniconda\lib\site-packages\pip\\_vendor\urllib3\response.py", line 442, in \_error\_catcher

raise ReadTimeoutError(self.\_pool, None, "Read timed out.")

pip.\_vendor.urllib3.exceptions.ReadTimeoutError:

HTTPSConnectionPool(host='files.pythonhosted.org', port=443): Read timed out.

Traceback (most recent call last):

File "D:\Miniconda\lib\site-packages\setuptools\installer.py", line 82, in fetch\_build\_egg  
subprocess.check\_call(cmd)

File "D:\Miniconda\lib\subprocess.py", line 369, in check\_call

raise CalledProcessError(retcode, cmd)

subprocess.CalledProcessError: Command '['D:\\Miniconda\\python.exe', '-m', 'pip', '-disable-pip-version-check', 'wheel', '-no-deps', '-w', 'C:\\Users\\23243\\AppData\\Local\\Temp\\tmpk82g\_bqu', '-quiet', 'torch']' returned non-zero exit status 2.

The above exception was the direct cause of the following exception:

Traceback (most recent call last):

File “”, line 2, in

File “”, line 34, in

File “C:\Users\23243\AppData\Local\Temp\pip-install-hauelb5m\basicsr\_ff9fa51afe15482f8d5ed318666d9752\setup.py”, line 147, in

setup(

File “D:\Miniconda\lib\site-packages\setuptools\\_\_init\_\_.py”, line 86, in setup

\_install\_setup\_requires(attrs)

File “D:\Miniconda\lib\site-packages\setuptools\\_\_init\_\_.py”, line 80, in

\_install\_setup\_requires

dist.fetch\_build\_eggs(dist.setup\_requires)

File “D:\Miniconda\lib\site-packages\setuptools\dist.py”, line 874, in fetch\_build\_eggs

resolved\_dists = pkg\_resources.working\_set.resolve(

File “D:\Miniconda\lib\site-packages\pkg\_resources\\_\_init\_\_.py”, line 789, in resolve

dist = best[req.key] = env.best\_match(

File “D:\Miniconda\lib\site-packages\pkg\_resources\\_\_init\_\_.py”, line 1075, in best\_match

return self.obtain(req, installer)

File “D:\Miniconda\lib\site-packages\pkg\_resources\\_\_init\_\_.py”, line 1087, in obtain

return installer(requirement)

File “D:\Miniconda\lib\site-packages\setuptools\dist.py”, line 944, in fetch\_build\_egg

return fetch\_build\_egg(self, req)

File “D:\Miniconda\lib\site-packages\setuptools\installer.py”, line 84, in fetch\_build\_egg

raise DistutilsError(str(e)) from e

distutils.errors.DistutilsError: Command [ ‘D:\\Miniconda\\python.exe’ , ‘-m’ , ‘pip’ , ‘-disable-pip-version-check’ , ‘wheel’ , ‘-no-deps’ , ‘-w’ , ‘C:\\Users\\23243\\AppData\\Local\\Temp\\tmpk82g\_bqu’ , ‘-quiet’ , ‘torch’ ] returned non-zero exit status 2.

[end of output]

note: This error originates from a subprocess, and is likely not a problem with pip. error: metadata-generation-failed × Encountered error while generating package metadata. —> See above for output. note: This is an issue with the package mentioned above, not pip. hint: See above for details.

这个错误可能是由于 pip 在下载软件包时遇到了网络问题，导致安装不成功。您可以尝试重新运行命令，或者检查您的网络连接是否正常。另外，您可以尝试使用国内的镜像源来安装软件包，例如使用清华大学的镜像源，命令如下：

```
pip install -i https://pypi.tuna.tsinghua.edu.cn/simple some-package
```

将 **some-package** 替换为您要安装的软件包的名称。

## BLIP 错误

```
F:\openai.wiki\stable-diffusion-webui-master>webui-user.bat
```

```
venv "F:\openai.wiki\stable-diffusion-webui-master\venv\Scripts\Python.exe"
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash:
```

```
Cloning Taming Transformers into F:\openai.wiki\stable-diffusion-webui-master\repositories\taming-transformers...
```

```
Cloning K-diffusion into F:\openai.wiki\stable-diffusion-webui-master\repositories\k-diffusion...
```

```
Cloning CodeFormer into F:\openai.wiki\stable-diffusion-webui-master\repositories\CodeFormer...
```

```
Cloning BLIP into F:\openai.wiki\stable-diffusion-webui-master\repositories\BLIP...
```

```
Traceback (most recent call last):
```

```
File "F:\openai.wiki\stable-diffusion-webui-master\launch.py", line 380, in prepare_environment()
```

```
File "F:\openai.wiki\stable-diffusion-webui-master\launch.py", line 319, in prepare_environment
```

```
git_clone(blip_repo, repo_dir( 'BLIP' ), "BLIP" , blip_commit_hash)
```

```
File "F:\openai.wiki\stable-diffusion-webui-master\launch.py", line 167, in git_clone
```

```
run(f" {git}" clone "{url}" "{dir}" ', f" Cloning {name} into {dir}..." , f" Couldn' t clone {name}" )
```

```
File "F:\openai.wiki\stable-diffusion-webui-master\launch.py", line 113, in run
```

```
raise RuntimeError(message)
```

```
RuntimeError: Couldn' t clone BLIP.
```

```
Command: "git" clone "https://github.com/salesforce/BLIP.git" "F:\openai.wiki\stable-diffusion-webui-master\repositories\BLIP"
```

```
Error code: 128
```



```
stdout:
```

```
stderr: Cloning into 'F:\openai.wiki\stable-diffusion-webui-master\repositories\BLIP' ...
```

```
fatal: unable to access 'https://github.com/salesforce/BLIP.git/' : OpenSSL SSL_read:
Connection was reset, errno 10054
```

这个错误信息意味着在尝试从 GitHub 克隆 BLIP 存储库时出现了一个连接错误。这可能是由于网络问题或 GitHub 服务器的问题导致的。

## taming-transformers

```
(D:\openai.wiki\stable-diffusion-webui\automatic) D:\openai.wiki\stable-diffusion-
webui>webui-user.bat
```

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit
(AMD64)]
```

```
Commit hash: a9fed7c364061ae6efb37f797b6b522cb3cf7aa2
```

```
Traceback (most recent call last):
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 380, in
```

```
prepare_environment()
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 316, in prepare_environment
```

```
git_clone(taming_transformers_repo, repo_dir( 'taming-transformers' ), "Taming
Transformers" , taming_transformers_commit_hash)
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 159, in git_clone
```

```
current_hash = run(f" {git}" -C "{dir}" rev-parse HEAD' , None, f" Couldn' t determine
{name}' s hash: {commithash}" ).strip()
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 113, in run
```

```
raise RuntimeError(message)
```

```
RuntimeError: Couldn' t determine Taming Transformers' s hash:
24268930bf1dce879235a7fddd0b2355b84d7ea6.
```

```
Command: "git" -C "D:\openai.wiki\stable-diffusion-webui\repositories\taming-
transformers" rev-parse HEAD
```

```
Error code: 128
```

```
stdout: HEAD
```

```
stderr: fatal: ambiguous argument 'HEAD' : unknown revision or path not in the working tree.
```

```
Use '- ' to separate paths from revisions, like this:
```

```
'git [...] - [...]'
```

这个错误显示无法克隆 `taming-transformers` 仓库并检索其特定的提交哈希值（commit hash），但是在尝试获取哈希值时出现了错误。错误信息中显示了一条有关“HEAD”的错误消息，表明 Git 无法识别此哈希值。建议删除 SD 安装目录 `.\openai.wiki\stable-diffusion-webui\repositories\` 下的 `taming-transformers` 文件夹。

## PIP 超时

```
WARNING: Retrying (Retry(total=4, connect=None, read=None, redirect=None, status=None))
after connection broken by
'ReadTimeoutError(“HTTPConnectionPool(host=' files.pythonhosted.org' , port=443):
Read timed out. (read timeout=15)” )’ :
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
WARNING: Retrying (Retry(total=3, connect=None, read=None, redirect=None, status=None))
after connection broken by 'ConnectTimeoutError(, ‘Connection to files.pythonhosted.org
timed out. (connect timeout=15)’ )’ :
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
WARNING: Retrying (Retry(total=2, connect=None, read=None, redirect=None, status=None))
after connection broken by 'ConnectTimeoutError(, ‘Connection to files.pythonhosted.org
timed out. (connect timeout=15)’ )’ :
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
WARNING: Retrying (Retry(total=1, connect=None, read=None, redirect=None, status=None))
after connection broken by 'ConnectTimeoutError(, ‘Connection to files.pythonhosted.org
timed out. (connect timeout=15)’ )’ :
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
WARNING: Retrying (Retry(total=0, connect=None, read=None, redirect=None, status=None))
after connection broken by 'ConnectTimeoutError(, ‘Connection to files.pythonhosted.org
timed out. (connect timeout=15)’ )’ :
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
ERROR: Could not install packages due to an OSError:
HTTPConnectionPool(host=' files.pythonhosted.org' , port=443): Max retries exceeded with
url:
/packages/bc/bf/58dbe1f382ecac2c0571c43b6e95028b14e159d67d75e49a00c26ef63d8f/lazy_loader-0.1-py3-none-any.whl
```

```
ader-0.1-py3-none-any.whl (Caused by ConnectTimeoutError(, 'Connection to files.pythonhosted.org timed out. (connect timeout=15)'))
```

没有开启魔法上网，建议添加镜像源。

## CondaHTTPError

```
CondaHTTPError: HTTP 000 CONNECTION FAILED for url
```

```
Elapsed: -
```

```
An HTTP error occurred when trying to retrieve this URL.
```

```
HTTP errors are often intermittent, and a simple retry will get you on your way.
```

```
'https://conda.anaconda.org/pytorch/win-64'
```

这个错误提示表明在使用 Conda 时发生了 HTTP 错误，导致无法从指定的 URL 下载数据。可能的原因是网络连接问题或服务器故障。

如果你安装了 anaconda 请卸载，然后重新安装 miniconda。如果不是，请检查网络环境。

## Python 问题

这类问题都是因为与 Python 相关的错误

### PIP 升级

```
[notice] A new release of pip available: 22.3.1 -> 23.0.1
```

```
[notice] To update, run: D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip install --upgrade pip
```

PIP 需要升级，解决方法很简单，直接复制执行你的电脑所给出的代码即可。例如我们复制 **run:** 后面的全部，然后在 CMD 中执行即可。

```
D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip install --upgrade pip
```

### 未找到 Python

```
Couldn't launch python
```

```
exit code: 9009
```

当你看到“Couldn't launch python exit code: 9009”这个错误时，这通常意味着系统无法找到 Python 解释器。这可能是因为 Python 未正确安装或未添加到系统环境变量中。

您可以检查是否已正确安装 Python 并将其添加到系统环境变量中。如果已经安装并添加到系统环境变量中，则可能需要重新启动终端或计算机以使更改生效。

### Python 环境变量错误

```
Expecting value: line 1 column 1 (char 0)
```

可能是 Python 找不到系统变量了，你可以打开 CMD 窗口之后输入 Python，看看系统能否正常启动 Python，如果找不到 Python 的话，可以搜索一下 Python 环境变量修复的办法。

如果不想修复也能够正常使用，可以通过 miniconda 的终端内执行

```
conda activate 你的环境名称或路径
```

然后 CD 到你的 SD 根目录之后执行 webui-user.bat 即可。

## 未安装 PIP

```
(D:\openai.wiki\stable-diffusion-webui\automatic) C:\Users\86173>cd /d D:\openai.wiki\stable-diffusion-webui
```

```
(D:\openai.wiki\stable-diffusion-webui\automatic) D:\openai.wiki\stable-diffusion-webui>webui-user.bat
```

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash: 955df7751eef11bb7697e2d77f6b8a6226b21e13
```

```
Fetching updates for Taming Transformers...
```

```
Checking out commit for Taming Transformers with hash: 24268930bf1dce879235a7fddd0b2355b84d7ea6...
```

```
Traceback (most recent call last):
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 351, in
```

```
prepare_environment()
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 285, in prepare_environment
```

```
git_clone(taming_transformers_repo, repo_dir( 'taming-transformers' ), "Taming Transformers", taming_transformers_commit_hash)
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 148, in git_clone
```

```
run(f" {git}" -C "{dir}" checkout {commithash}' , f" Checking out commit for {name} with hash: {commithash}..." , f" Couldn' t checkout commit {commithash} for {name}" )
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 97, in run
```

```
raise RuntimeError(message)
```

```
RuntimeError: Couldn' t checkout commit 24268930bf1dce879235a7fddd0b2355b84d7ea6 for Taming Transformers.
```

```
Command: "git" -C "D:\openai.wiki\stable-diffusion-webui\repositories\taming-transformers" checkout 24268930bf1dce879235a7fddd0b2355b84d7ea6
```

Error code: 128

stdout:

stderr: fatal: reference is not a tree: 24268930bf1dce879235a7fddd0b2355b84d7ea6

可能因为没有安装 pip 而导致的，建议执行 `python -m ensurepip` 。

## Python 版本不正确

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
=====
INCOMPATIBLE PYTHON VERSION
```

**This** program is tested with 3.10.6 Python, but you have 3.9.12.

**If** you encounter an error with “RuntimeError: Couldn’t install torch.” message,

or any other error regarding unsuccessful **package** (library) installation,

please **downgrade** (or upgrade) to the latest version **of** 3.10 Python

and delete current Python and “venv” folder **in** WebUI’ s directory.

You can download 3.10 Python from here: <https://www.python.org/downloads/release/python-3109/>

Alternatively, use a binary release **of** WebUI: <https://github.com/AUTOMATIC1111/stable-diffusion-webui/releases>

Use `-skip-python-version-check` to suppress **this** warning.

```
=====
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash: 22bcc7be428c94e9408f589966c2040187245d81
```

```
Installing requirements for Web UI
```

```
Launching Web UI with arguments:
```

```
No module ‘xformers’ . Proceeding without it.
```

```
Loading weights [a7529df023] from D:\openai.wiki\stable-diffusion-webui\models\Stable-
diffusion\final-pruned.ckpt
```

```
Creating model from config: D:\openai.wiki\stable-diffusion-webui\configs\v1-inference.yaml
```

```
LatentDiffusion: Running in eps-prediction mode
```

```
DiffusionWrapper has 859.52 M params.
```

---

Loading VAE weights found near the checkpoint: D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\final-pruned.vae.pt

loading stable diffusion model: OutOfMemoryError

Traceback (most recent call last):

File "D:\openai.wiki\stable-diffusion-webui\webui.py", line 139, in initialize

modules.sd\_models.load\_model()

File "D:\openai.wiki\stable-diffusion-webui\modules\sd\_models.py", line 449, in load\_model

sd\_model.to(shared.device)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\lightning\_fabric\utilities\device\_dtype\_mixin.py", line 54, in to

return super().to(\*args, \*\*kwargs)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 989, in to

return self.\_apply(convert)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

[Previous line repeated 2 more times]

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 664, in \_apply

param\_applied = fn(param)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 987, in convert

return t.to(device, dtype if t.is\_floating\_point() or t.is\_complex() else None, non\_blocking)

torch.cuda.OutOfMemoryError: CUDA out of memory. Tried to allocate 20.00 MiB (GPU 0; 2.00 GiB total capacity; 1.66 GiB already allocated; 0 bytes free; 1.70 GiB reserved in total by PyTorch) If reserved memory is >> allocated memory try setting max\_split\_size\_mb to avoid

fragmentation. See documentation **for** Memory Management and  
PYTORCH\_CUDA\_ALLOC\_CONF

Stable diffusion model failed to load, exiting

这个错误信息是由于 Web UI 需要 Python 3.10.6 版本，而你的 Python 版本是 3.9.12 导致的，所以建议你下载安装 3.10.6 版本的 Python。

或者删除当前 Python 和 Web UI 目录中的 **venv** 文件夹，并升级到最新的 3.10 版本。

## 其它问题

### 未找到 launch.py 启动文件

```
(D:\openai.wiki\stable-diffusion-webui\automatic) D:\openai.wiki\stable-diffusion-  
webui>webui-user.bat
```

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
D:\openai.wiki\stable-diffusion-webui\automatic\python.exe: can't open file  
'D:\\openai.wiki\\stable-diffusion-webui\\launch.py': [Errno 2] No such file or directory
```

请按任意键继续。 ..

已经成功的进入到了 Conda 已激活的环境，但是在 D:\openai.wiki\stable-diffusion-webui 目录内没有 launch.py 这个文件，应该是 SD 没 Git 完整，或者目录错误。

### GPU 显卡驱动较旧

```
[notice] A new release of pip available: 22.3.1 -> 23.0.1
```

```
[notice] To update, run: D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip  
install --upgrade pip
```

Traceback (most recent call last):

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 380, in
```

```
prepare_environment()
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 287, in prepare_environment
```

```
run_python("import torch; assert torch.cuda.is_available(), 'Torch is not able to use GPU; add  
-skip-torch-cuda-test to COMMANDLINE_ARGS variable to disable this check'")
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 137, in run_python
```

```
return run(f" {python}" -c "{code}" , desc, errdesc)
```

```
File "D:\openai.wiki\stable-diffusion-webui\launch.py", line 113, in run
```

```
raise RuntimeError(message)
```

```
RuntimeError: Error running command.
```

---



```
Command: "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe" -c "import torch; assert torch.cuda.is_available(), 'Torch is not able to use GPU; add -skip-torch-cuda-test to COMMANDLINE_ARGS variable to disable this check'"
```

Error code: 1

stdout:

```
stderr: D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\cuda\__init__.py:88: UserWarning: CUDA initialization: The NVIDIA driver on your system is too old (found version 10020). Please update your GPU driver by downloading and installing a new version from the URL: http://www.nvidia.com/Download/index.aspx Alternatively, go to: https://pytorch.org to install a PyTorch version that has been compiled with your version of the CUDA driver. (Triggered internally at ..\c10\cuda\CUDAFunctions.cpp:109.)
```

```
return torch._C._cuda_getDeviceCount() > 0
```

Traceback (most recent call last):

File "", line 1, in

```
AssertionError: Torch is not able to use GPU; add -skip-torch-cuda-test to COMMANDLINE_ARGS variable to disable this check
```

您的 GPU 驱动程序版本太旧，需要更新 GPU 驱动程序。更新 GPU 驱动程序可能会解决这些错误。

## 模型损坏

```
venv "G:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash: a9fed7c364061ae6efb37f797b6b522cb3cf7aa2
```

```
Installing requirements for Web UI
```

```
Launching Web UI with arguments:
```

```
No module 'xformers' . Proceeding without it.
```

```
Loading weights [a586d5a51a] from G:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\v1-5-pruned-emaonly.safetensors
```

```
loading stable diffusion model: RuntimeError
```

Traceback (most recent call last):

File "G:\openai.wiki\stable-diffusion-webui\webui.py", line 136, in initialize

modules.sd\_models.load\_model()

File "G:\openai.wiki\stable-diffusion-webui\modules\sd\_models.py", line 407, in load\_model

```
state_dict = get_checkpoint_state_dict(checkpoint_info, timer)
```

```
File "G:\openai.wiki\stable-diffusion-webui\modules\sd_models.py", line 262, in  
get_checkpoint_state_dict
```

```
res = read_state_dict(checkpoint_info.filename)
```

```
File "G:\openai.wiki\stable-diffusion-webui\modules\sd_models.py", line 241, in  
read_state_dict
```

```
pl_sd = safetensors.torch.load_file(checkpoint_file, device=device)
```

```
File "G:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\safetensors\torch.py", line  
100, in load_file
```

```
result[k] = f.get_tensor(k)
```

```
RuntimeError: self.size(-1) must be divisible by 4 to view Byte as Float (different element sizes),  
but got 6545423
```

```
Stable diffusion model failed to load, exiting
```

```
请按任意键继续。 ..
```

根据错误信息，您的 Stable-diffusion 模型加载失败，原因是 `self.size(-1)` 必须可以被 4 整除，但是实际上得到了 6545423，这是不可能被 4 整除的。这可能是由于模型参数文件已损坏或不完整导致的。您可以尝试重新下载模型文件并重新运行程序，以解决这个问题。

## yaml 未找到

```
EnvironmentFileNotFound: 'D:\openai.wiki\stable-diffusion-webui\environment-wsl2.yaml'  
file not found
```

这个错误说明找不到指定路径下的 `environment-wsl2.yaml` 文件，请确保路径和文件名正确，手动是否能够找到该文件。

## 无法切换模型

点击左上角的模型切换按钮后，一直加载中，无法正常使用。

解决办法：多点几次重新加载 UI 按钮，或者换一个浏览器。特殊情况下浏览器无法与 CMD 建立链接。

## 模型加载失败

```
(D:\openai.wiki\stable-diffusion-webui\automatic) D:\openai.wiki\stable-diffusion-  
webui>webui-user.bat
```

```
Creating venv in directory D:\openai.wiki\stable-diffusion-webui\venv using python  
"D:\openai.wiki\stable-diffusion-webui\automatic\python.exe"
```

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

---

Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit (AMD64)]

Commit hash:

Installing torch and torchvision

Looking in indexes: <https://pypi.org/simple>, <https://download.pytorch.org/whl/cu117>

Collecting torch==1.13.1+cu117

Downloading [https://download.pytorch.org/whl/cu117/torch-1.13.1%2Bcu117-cp310-cp310-win\\_amd64.whl](https://download.pytorch.org/whl/cu117/torch-1.13.1%2Bcu117-cp310-cp310-win_amd64.whl) (2255.4 MB)

2.3/2.3 GB 1.0 MB/s eta 0:00:00

Collecting torchvision==0.14.1+cu117

Downloading [https://download.pytorch.org/whl/cu117/torchvision-0.14.1%2Bcu117-cp310-cp310-win\\_amd64.whl](https://download.pytorch.org/whl/cu117/torchvision-0.14.1%2Bcu117-cp310-cp310-win_amd64.whl) (4.8 MB)

4.8/4.8 MB 8.1 MB/s eta 0:00:00

Collecting typing-extensions

Downloading typing\_extensions-4.5.0-py3-none-any.whl (27 kB)

Collecting numpy

Downloading numpy-1.24.2-cp310-cp310-win\_amd64.whl (14.8 MB)

14.8/14.8 MB 13.6 MB/s eta 0:00:00

Collecting requests

Downloading requests-2.28.2-py3-none-any.whl (62 kB)

62.8/62.8 kB 1.7 MB/s eta 0:00:00

Collecting pillow!=8.3.\*,>=5.3.0

Downloading Pillow-9.4.0-cp310-cp310-win\_amd64.whl (2.5 MB)

2.5/2.5 MB 19.7 MB/s eta 0:00:00

Collecting charset-normalizer=2

Downloading charset\_normalizer-3.1.0-cp310-cp310-win\_amd64.whl (97 kB)

97.1/97.1 kB 5.8 MB/s eta 0:00:00

Collecting idna=2.5

Downloading <https://download.pytorch.org/whl/idna-3.4-py3-none-any.whl> (61 kB)

61.5/61.5 kB 3.2 MB/s eta 0:00:00

Collecting urllib3=1.21.1

---

Downloading urllib3-1.26.15-py2.py3-none-any.whl (140 kB)

140.9/140.9 kB 8.7 MB/s eta 0:00:00

Collecting certifi>=2017.4.17

Downloading https://download.pytorch.org/whl/certifi-2022.12.7-py3-none-any.whl (155 kB)

155.3/155.3 kB 9.1 MB/s eta 0:00:00

Installing collected packages: urllib3, typing-extensions, pillow, numpy, idna, charset-normalizer, certifi, torch, requests, torchvision

Successfully installed certifi-2022.12.7 charset-normalizer-3.1.0 idna-3.4 numpy-1.24.2 pillow-9.4.0 requests-2.28.2 torch-1.13.1+cu117 torchvision-0.14.1+cu117 typing-extensions-4.5.0 urllib3-1.26.15

[notice] A new release of pip available: 22.3.1 -> 23.0.1

[notice] To update, run: D:\openai.wiki\stable-diffusion-webui\venv\Scripts\python.exe -m pip install --upgrade pip

Installing gfpgan

Installing clip

Installing open\_clip

Cloning Stable Diffusion into D:\openai.wiki\stable-diffusion-webui\repositories\stable-diffusion-stability-ai...

Cloning Taming Transformers into D:\openai.wiki\stable-diffusion-webui\repositories\taming-transformers...

Cloning K-diffusion into D:\openai.wiki\stable-diffusion-webui\repositories\k-diffusion...

Cloning CodeFormer into D:\openai.wiki\stable-diffusion-webui\repositories\CodeFormer...

Cloning BLIP into D:\openai.wiki\stable-diffusion-webui\repositories\BLIP...

Installing requirements for CodeFormer

Installing requirements for Web UI

Launching Web UI with arguments:

No module 'xformers' . Proceeding without it.

Downloading: "https://huggingface.co/runwayml/stable-diffusion-v1-5/resolve/main/v1-5-pruned-emaonly.safetensors" to D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\v1-5-pruned-emaonly.safetensors

100%|



Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit (AMD64)]

Commit hash:

Installing requirements for Web UI

Launching Web UI with arguments: -xformers

Loading weights [fe4efff1e1] from E:\ai\stable-diffusion-webui\models\Stable-diffusion\Model.ckpt

Creating model from config: E:\ai\stable-diffusion-webui\configs\v1-inference.yaml

LatentDiffusion: Running in eps-prediction mode

DiffusionWrapper has 859.52 M params.

Applying xformers cross attention optimization.

Textual inversion embeddings loaded(0):

Model loaded in 4.9s (load weights from disk: 1.7s, create model: 0.4s, apply weights to model: 0.5s, apply half(): 0.7s, move model to device: 0.7s, load textual inversion embeddings: 0.9s).

Traceback (most recent call last):

File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\adapters.py", line 412, in send

conn = self.get\_connection(request.url, proxies)

File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\adapters.py", line 305, in get\_connection

proxy\_url = parse\_url(proxy)

File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\urllib3\util\url.py", line 397, in parse\_url

return six.raise\_from(LocationParseError(source\_url), None)

File "", line 3, in raise\_from

urllib3.exceptions.LocationParseError: Failed to parse: http://127.0.0.1:7890

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "E:\ai\stable-diffusion-webui\launch.py", line 352, in

start()

File "E:\ai\stable-diffusion-webui\launch.py", line 347, in start

webui.webui()

```
File "E:\ai\stable-diffusion-webui\webui.py", line 257, in webui
```

```
app, local_url, share_url = shared.demo.launch(
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\gradio\blocks.py", line 1483, in launch
```

```
requests.get(f" {self.local_url}startup-events" )
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\api.py", line 76, in get
```

```
return request( 'get' , url, params=params, **kwargs)
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\api.py", line 61, in request
```

```
return session.request(method=method, url=url, **kwargs)
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\sessions.py", line 542, in request
```

```
resp = self.send(prepare, **send_kwargs)
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\sessions.py", line 655, in send
```

```
r = adapter.send(request, **kwargs)
```

```
File "E:\ai\stable-diffusion-webui\venv\lib\site-packages\requests\adapters.py", line 414, in send
```

```
raise InvalidURL(e, request=request)
```

```
requests.exceptions.InvalidURL: Failed to parse: http://127.0.0.1:7890
```

```
请按任意键继续。 . .
```

据错误消息，你的命令行工作目录可能不在 Git 仓库中，所以 Git 执行 `git rev-parse HEAD` 命令时出现了 `fatal: not a git repository (or any of the parent directories) : .`。git 错误。你可以在命令行中切换到仓库目录，或者在启动脚本中指定 Git 仓库的路径。

## 加载时间较长

```
(base) D:\openai.wiki\stable-diffusion-webui>webui-user.bat
```

```
venv "D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe"
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 1 2023, 18:18:15) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash: 955df7751eef11bb7697e2d77f6b8a6226b21e13
```

```
Installing requirements for Web UI
```

```
Launching Web UI with arguments:
```

```
No module 'xformers' . Proceeding without it.
```



Calculating sha256 for D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\final-pruned.ckpt: a7529df02340e5b4c3870c894c1ae84f22ea7b37fd0633e5bacfad9618228032

Loading weights [a7529df023] from D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\final-pruned.ckpt

Creating model from config: D:\openai.wiki\stable-diffusion-webui\configs\v1-inference.yaml

LatentDiffusion: Running in eps-prediction mode

DiffusionWrapper has 859.52 M params.

Applying cross attention optimization (Doggettx).

Textual inversion embeddings loaded(0):

Model loaded in 16.0s (calculate hash: 5.9s, load weights from disk: 3.8s, create model: 0.5s, apply weights to model: 2.0s, apply half(): 0.9s, move model to device: 1.0s, load textual inversion embeddings: 1.8s).

电脑配置差，多等一会。

## 端口被占用

venv “D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe”

Python 3.10.10 | packaged by Anaconda, Inc. | (main, Mar 21 2023, 18:39:17) [MSC v.1916 64 bit (AMD64)]

Commit hash:

Installing requirements for Web UI

Launching Web UI with arguments:

No module ‘xformers’ . Proceeding without it.

Loading weights [cc6cb27103] from D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\v1-5-pruned-emaonly.ckpt

Creating model from config: D:\openai.wiki\stable-diffusion-webui\configs\v1-inference.yaml

LatentDiffusion: Running in eps-prediction mode

DiffusionWrapper has 859.52 M params.

Applying cross attention optimization (Doggettx).

Textual inversion embeddings loaded(0):

Model loaded in 4.5s (load weights from disk: 1.3s, create model: 0.4s, apply weights to model: 0.5s, apply half(): 0.7s, move model to device: 0.7s, load textual inversion embeddings: 0.9s).

Running on local URL: http://127.0.0.1:7861

---

大佬好，在安装以后运行 webui-user.bat 的时候出现一下，安装过程中弹过 error 但是自己重试安装成功了，之后运行网址都没有反应，就是空白的，请您帮忙看看什么原因呢？

To create a public link, set `share=True` in `launch()`.

Startup time: 10.4s (import torch: 1.4s, import gradio: 1.0s, import ldm: 0.5s, other imports: 1.0s, setup codeformer: 0.2s, load scripts: 1.0s, load SD checkpoint: 4.8s, create ui: 0.4s, gradio launch: 0.1s).

正常来说 给出的应该是 7860，而你的是 <http://127.0.0.1:7861>，那代表你可能在 CMD 中开启了代理，或者其它应用占用了 7860 端口号，建议排查一下端口号的问题。

最便捷的解决办法就是关掉是这个 CMD，然后去 SD 的项目根目录内运行 `webui-user.bat` 文件夹即可。

## 非 Windows 系统

Python 3.10.9 (main, Jan 11 2023, 15:21:40) [GCC 11.2.0]

Commit hash: 22bcc7be428c94e9408f589966c2040187245d81

Traceback (most recent call last):

File “/home/mark/Desktop/123/stable-diffusion-webui\_23-03-10/launch.py”, line 355, in `prepare_environment()`

File “/home/mark/Desktop/123/stable-diffusion-webui\_23-03-10/launch.py”, line 288, in `prepare_environment`

`git_clone(stable_diffusion_repo, repo_dir( ‘stable-diffusion-stability-ai’ ), “Stable Diffusion” , stable_diffusion_commit_hash)`

File “/home/mark/Desktop/123/stable-diffusion-webui\_23-03-10/launch.py”, line 143, in `git_clone`

`current_hash = run(f” {git}” -C “{dir}” rev-parse HEAD’ , None, f” Couldn’ t determine {name}’ s hash: {commithash}” ).strip()`

File “/home/mark/Desktop/123/stable-diffusion-webui\_23-03-10/launch.py”, line 97, in `run`  
`raise RuntimeError(message)`

RuntimeError: Couldn’ t determine Stable Diffusion’ s hash:  
cf1d67a6fd5ea1aa600c4df58e5b47da45f6bdbf.

Command: “git” -C “/home/mark/Desktop/123/stable-diffusion-webui\_23-03-10/repositories/stable-diffusion-stability-ai” rev-parse HEAD

Error code: 129

stdout:

stderr: Unknown option: -C

```
usage: git [-version] [-help] [-c name=value]
[-exec-path=] [-html-path] [-man-path] [-info-path]
[-p|-paginate|-no-pager] [-no-replace-objects] [-bare]
[-git-dir=] [-work-tree=] [-namespace=]
[]
```

这个错误提示是 git 命令在运行时出了问题，它在执行 “git -C” 命令时出现了错误，因为 “-C” 是一个未知的选项。

可能是因为并非 Windows 系统而导致的，本教程仅针对 Windows，对 Linux 暂不讨论。

## 语法错误

标准错误：错误：Error [WinError 2] 系统找不到指定的文件，执行命令 git version 错误：找不到命令 ‘git’ – 你是否已安装并将其加入了环境变量中？

```
set-Location: 找不到接受实际参数的 “D: openai.wiki\stable-diffusion-webui” 的位置参数所在的位置 行: 1 字符: 1
```

```
+cd、d D: \openai.wiki\stable-diffusion-webui
```

这个错误提示是在尝试改变当前目录（CD）到 “D:\openai.wiki\stable-diffusion-webui” 时出现的。错误提示表明系统找不到这个目录。

可能的原因之一是指定的路径不正确，或者该目录不存在。您可以确认一下指定的路径是否正确，并且该目录是否存在。如果不存在，请确保您输入的路径正确，并且该目录已创建。

另外一个问题就是 `cd 、d 路径` 这句命令行，应该是 `cd /d 路径`，请注意中英文符号问题。

## 显存不足

```
(base) D:\openai.wiki\stable-diffusion-webui>webui-user.bat
```

```
venv “D:\openai.wiki\stable-diffusion-webui\venv\Scripts\Python.exe”
```

```
Python 3.10.9 | packaged by Anaconda, Inc. | (main, Mar 8 2023, 10:42:25) [MSC v.1916 64 bit (AMD64)]
```

```
Commit hash: a9fed7c364061ae6efb37f797b6b522cb3cf7aa2
```

```
Installing requirements for Web UI
```

```
Launching Web UI with arguments:
```

```
No module ‘xformers’ . Proceeding without it.
```

```
Loading weights [ad2a33c361] from D:\openai.wiki\stable-diffusion-webui\models\Stable-diffusion\v2-1_768-ema-pruned.ckptCreating model from config: D:\openai.wiki\stable-diffusion-webui\repositories\stable-diffusion-stability-ai\configs\stable-diffusion\v2-inference-v.yaml
```

LatentDiffusion: Running in v-prediction mode

DiffusionWrapper has 865.91 M params.

loading stable diffusion model: OutOfMemoryError

Traceback (most recent call last):

File "D:\openai.wiki\stable-diffusion-webui\webui.py", line 136, in initialize

modules.sd\_models.load\_model()

File "D:\openai.wiki\stable-diffusion-webui\modules\sd\_models.py", line 441, in load\_model

sd\_model.to(shared.device)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\pytorch\_lightning\core\mixins\device\_dtype\_mixin.py", line 113, in to

return super().to(\*args, \*\*kwargs)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 989, in to

return self.\_apply(convert)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 641, in \_apply

module.\_apply(fn)

[Previous line repeated 4 more times]

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 664, in \_apply

param\_applied = fn(param)

File "D:\openai.wiki\stable-diffusion-webui\venv\lib\site-packages\torch\nn\modules\module.py", line 987, in convert

return t.to(device, dtype if t.is\_floating\_point() or t.is\_complex() else None, non\_blocking)

torch.cuda.OutOfMemoryError: CUDA out of memory. Tried to allocate 20.00 MiB (GPU 0; 2.00 GiB total capacity; 1.66 GiB already allocated; 0 bytes free; 1.71 GiB reserved in total by PyTorch) If reserved memory is >> allocated memory try setting max\_split\_size\_mb to avoid

```
fragmentation. See documentation for Memory Management and
PYTORCH_CUDA_ALLOC_CONF
```

Stable diffusion model failed to load, exiting

请按任意键继续。 ..

根据错误信息显示，Stable Diffusion 模型加载时遇到了 CUDA 显存不足的错误，简单点来说就是显卡不行，没有足够的显存空间分配给该模型。

解决方法 1:

换个好一些的显卡，至少英伟达 2060 以上。

解决方法 2:

开启低显存模式，开启低显存模式的方法如下。

在 stable-diffusion-webui 文件夹下找到 webui-user.bat，用文本或代码编辑器打开该文件夹，可以看到如下内容。

```
@echo off
set PYTHON=
set GIT=
set VENV_DIR=
set COMMANDLINE_ARGS=
call webui.bat
```

我们只需要修改 `set COMMANDLINE_ARGS=` 部分即可，该部分内容是启动参数。

低于 3G 显存

如果你的显卡显存不足 3G，可以在 `set COMMANDLINE_ARGS=` 的后面添加参数 `-lowvram -always-batch-cond-uncond` 之后保存即可，变更之后的文件内容如下。

```
@echo off
set PYTHON=
set GIT=
set VENV_DIR=
set COMMANDLINE_ARGS=-lowvram -always-batch-cond-uncond
call webui.bat
```

4G 显存

如果你的显卡只有 4G 显存，可以在 `set COMMANDLINE_ARGS=` 的后面添加参数 `-precision full -no-half -lowvram -always-batch-cond-uncond` 之后保存即可，变更之后的文件内容如下。

```
@echo off
```

```
set PYTHON=
```

```
set GIT=
```

```
set VENV_DIR=
```

```
set COMMANDLINE_ARGS=--precision full --no-half --lowvram --always-batch-cond-uncond
```

```
call webui.bat
```

低于 5G 显存

如果你的显卡显存不足 5G，可以在 `set COMMANDLINE_ARGS=` 的后面添加参数 `-medvram` 之后保存即可，变更之后的文件内容如下。

```
@echo off
```

```
set PYTHON=
```

```
set GIT=
```

```
set VENV_DIR=
```

```
set COMMANDLINE_ARGS=--medvram
```

```
call webui.bat
```

6G 显存

如果你的显卡只有 6G 显存，可以在 `set COMMANDLINE_ARGS=` 的后面添加参数 `-precision full --no-half --medvram` 之后保存即可，变更之后的文件内容如下。

```
@echo off
```

```
set PYTHON=
```

```
set GIT=
```

```
set VENV_DIR=
```

```
set COMMANDLINE_ARGS=--precision full --no-half --medvram
```

```
call webui.bat
```