

Double-click (or enter) to edit

✓ Image Generation using Stable diffusion

```
##@markdown # Connect Google Drive
from google.colab import drive
from IPython.display import clear_output
import ipywidgets as widgets
import os
```

```
def inf(msg, style, wdth): inf = widgets.Button(description=msg, disabled=True)
Shared_Drive = "" ##@param {type:"string"}
##@markdown - Leave empty if you're not using a shared drive
```

```
print("\u2714 Connecting...")
drive.mount('/content/gdrive')
```

```
if Shared_Drive!="" and os.path.exists("/content/gdrive/Shareddrives"):
    mainpth="Shareddrives/"+Shared_Drive
else:
    mainpth="MyDrive"
```

```
clear_output()
inf('\u2714 Done', 'success', '50px')
```

```
##@markdown ---
```

✓ Done

Connect Google Drive

Shared_Drive: " "

- Leave empty if you're not using a

shared drive

Install/Update

AUTOMATIC1111 repo

```

#@markdown # Install/Update AUTOMATIC1111 re
from IPython.utils import capture
from IPython.display import clear_output
from subprocess import getoutput
import ipywidgets as widgets
import sys
import fileinput
import os
import time
import base64
import requests
from urllib.request import urlopen, Request
from urllib.parse import urlparse, parse_qs,
from tqdm import tqdm
import six

```

```

blsaphemy=base64.b64decode(("ZWJ1aQ==")).enco

```

```

if not os.path.exists("/content/gdrive"):
    print('[1;31mGdrive not connected, using
    time.sleep(4)
    mainpth="MyDrive"
    !mkdir -p /content/gdrive/$mainpth
    Shared_Drive=""

```

```

if Shared_Drive!="" and not os.path.exists('
    print('[1;31mShared drive not detected, u
    mainpth="MyDrive"

```

```

with capture.capture_output() as cap:
    def inf(msg, style, wdth): inf = widgets.F
    fgitclone = "git clone --depth 1"
    %mkdir -p /content/gdrive/$mainpth/sd
    %cd /content/gdrive/$mainpth/sd
    !git clone -q --branch master https://gith
    !mkdir -p /content/gdrive/$mainpth/sd/stat
    os.environ['TRANSFORMERS_CACHE']=f"/conter
    os.environ['TORCH_HOME'] = f"/content/gdri
    !mkdir -p /content/gdrive/$mainpth/sd/stat
    !git clone https://github.com/AUTOMATIC111

```

```

with capture.capture_output() as cap:
    %cd /content/gdrive/$mainpth/sd/stable-dif
    !git reset --hard
    !git checkout master
    time.sleep(1)
    !rm webui.sh
    !git pull
clear_output()
inf('\u2714 Done', 'success', '50px')

```

```

#@markdown ---

```

✓ Done

#@markdown # Requirements

Requirements

```
print('\u001b[1;32mInstalling requirements...')

with capture.capture_output() as cap:
    %cd /content/
    !wget -q -i https://raw.githubusercontent.com/
    !dpkg -i *.deb
    if not os.path.exists('/content/gdrive/' + n
        !tar -C /content/gdrive/$mainpth --zstd
    !tar -C / --zstd -xf gcolabdeps.tar.zst
    !rm *.deb | rm *.zst | rm *.txt
    if not os.path.exists('gdrive/' + mainpth + '/
        %env CXXFLAGS=-std=c++14
        !wget -q https://github.com/gperftools/g
        !wget -q https://github.com/TheLastBen/f
        %cd /content/gperftools
        !patch -p1 < /content/Patch
        !./configure --enable-minimal --enable-l
        !mkdir -p /content/gdrive/$mainpth/sd/li
        %env LD_PRELOAD=/content/gdrive/$mainpth
        %cd /content
        !rm *.tar.gz Patch && rm -r /content/gpe
    else:
        %env LD_PRELOAD=/content/gdrive/$mainpth

os.environ['TF_CPP_MIN_LOG_LEVEL'] = '3'
os.environ['PYTHONWARNINGS'] = 'ignore'
!sed -i 's@text = _formatwarnmsg(msg)@text

clear_output()
inf('\u2714 Done', 'success', '50px')

#@markdown ---
```

✓ Done

Model Download/Load

Use_Temp_Storage: ☐

- If not, make sure you have enough space on your gdrive

Model_Version:

1.5



Or

PATH_to_MODEL: " "

- Insert the full path of your custom model or to a folder containing multiple models

Or

MODEL_LINK: " "

[Show code](#)

✓ Model already exists

Download LoRA

LoRA_LINK: " "

[Show code](#)

ControlNet

XL_Model: ▼

v1_Model: ▼

v2_Model: ▼

- Download/update ControlNet extension and its models

[Show code](#)

Start Stable-Diffusion

Use_Cloudflare_Tunnel: ☐

- Offers better gradio responsivity

Ngrok_token: " "

- Input your ngrok token if you want to use ngrok server

User: " "

Password: " 123 "

- Add credentials to your Gradio interface (optional)

Show code

```
Warning: caught exception 'Found no NVIDIA driver on your system. Please check that y
Loading weights [6ce0161689] from /content/gdrive/MyDrive/sd/stable-diffusion-webui/r
Creating model from config: /content/gdrive/MyDrive/sd/stable-diffusion-webui/configs
Running on public URL: https://8dd5ac83ed387aecc2.gradio.live
✓ Connected
Startup time: 284.3s (launcher: 2.4s, import torch: 16.9s, import gradio: 1.7s, setup
```

