

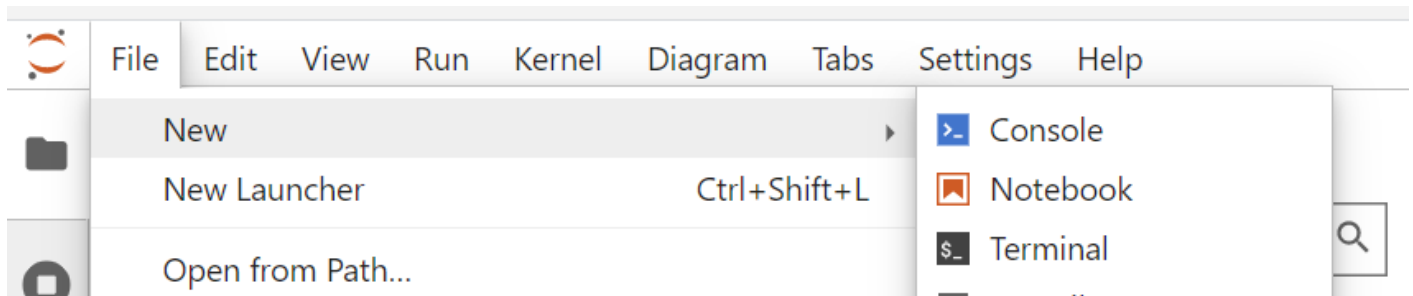
# Stable Diffusion

- [Stable diffusion webui by automatic1111 \(with deforum installation\)](#)
- [stable diffusion lokal](#)

# Stable diffusion webui by automatic1111 (with deforum installation)

## Stable Diffusion WebUI by Automatic1111

### 1. Open a Terminal



execute the following commands in terminal in this order:

```
git clone https://github.com/AUTOMATIC1111/stable-diffusion-webui.git
```

```
cd stable-diffusion-webui/models/Stable-diffusion
```

### download models

download stable-diffusion-v5 from [KISD MODEL ZOO](#)

```
wget --no-check-certificate --content-disposition https://th-koeln.sciebo.de/s/LwN49UHfYkVH2zE/download -O v1-5-pruned-emaonly.ckpt
```

download protogen-v4.3 from [KISD MODEL ZOO](#)

```
wget --no-check-certificate --content-disposition https://th-koeln.sciebo.de/s/2MTmmPTeuSu20MY/download -O ProtoGen_X3.4.ckpt
```

```
cd -
```

### install the deforum extension:

```
git clone https://github.com/deforum-art/deforum-for-automatic1111-webui/ extensions/deforum
```

```
chmod +x webui.sh
```

```
./webui.sh --share
```

(**--share** in case you want to stream to a public url)

copy the `public URL` to your Browser - it looks like this:

Running on public URL: `https://c84205e9-785c-4b6e.gradio.live`

Stable Diffusion checkpoint

txt2img
img2img
Extras
PNG Info
Checkpoint Merger
Train
Deforum
Settings
Extensions

Info and links

Run
Keyframes
Prompts
Init
Hybrid Video
Video output

Run settings

Import settings from file

☐ Override settings

Custom settings file

Sampling settings

W

512

H

512

☐ Restore faces
☐ Tiling
☐ Highres. fix

seed

-1

sampler

Euler a

☐ Enable extras

subseed

-1

subseed

0

Resize seed from width

0

Resize seed from height

0

steps

21

ddim\_eta

0

n\_batch

1

☐ make\_grid

grid\_rows

1

Click here after the generation to show the video

Deforum v0.5-webui-beta

Skip

Interrupt

Generate

NOTE: If the 'Generate' button doesn't work, go in Settings and click 'Restart Gradio and Refresh...'.

Save Settings

Load Settings

Path relative to the webui folder

Textbox

deforum\_settings.txt

Save Video Settings

Load Video Settings

Path relative to the webui folder

Textbox

deforum\_video-settings.txt

# Getting started at home

```
cd stable-diffusion-webui
```

```
./webui.sh --share
```

----- Work in progress -----

## Stable-diffusion 2 by Stability AI

## configure and activate environment Idm (environment.yaml)

```
cd stablediffusion
```

```
python scripts/gradio/depth2img.py configs/stable-diffusion/v2-midas-inference.yaml ./models/512-depth-  
ema.ckpt
```

# stable diffusion lokal

## "Ubuntu" Windows App oeffnen



conda umgebung aktivieren

```
conda activate ldm
```

## stable-diffusion ordner oeffnen

```
cd stable-diffusion
```

## stable-diffusion ordner oeffnen

```
python scripts/txt2img.py --prompt "a photograph of an astronaut riding a horse" --plms
```

<https://github.com/CompVis/stable-diffusion>

Ergebnisse findest du unter: **Linux/home/student/stable-diffusion/outputs**