Install stable diffusion on a computer with a GPU

My GPU Nvidia RTX 3090

1. In anaconda prompt, create a virtual env.

conda create -n sdw python=3.10

conda activate sdw

2. Install git

Conda install git

3. clone the stable diffusion

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

It is in C:/Users/USER

4. Update “webui-user.bat”

@echo off

set PYTHON="C:\Users\user\anaconda\envs\sdw\python.exe"

set GIT=

set VENV\_DIR=

set COMMANDLINE\_ARGS=

git pull

call webui.bat

Note: if you don’t have a GPU, you need to set the line:

set COMMANDLINE\_ARGS=--skip-torch-cuda-test --no-half --no-half-vae

From CIVITAI(<https://civitai.com/>), download a trained model (checkpoint)，try the Vision:[https://civitai.com/models/4201]( https:/civitai.com/models/4201) 2G，store at “stable-diffusion-webui\models\Stable-diffusion”

Under “stable-diffusion-webui” ,

.\webui-user.bat

Visit:

[http://127.0.0.1:7860](http://127.0.0.1:7860/)

Play with generating images.