Step by step guide to install Conda and Visomaster for RTX 50xx series

Prerequisite:

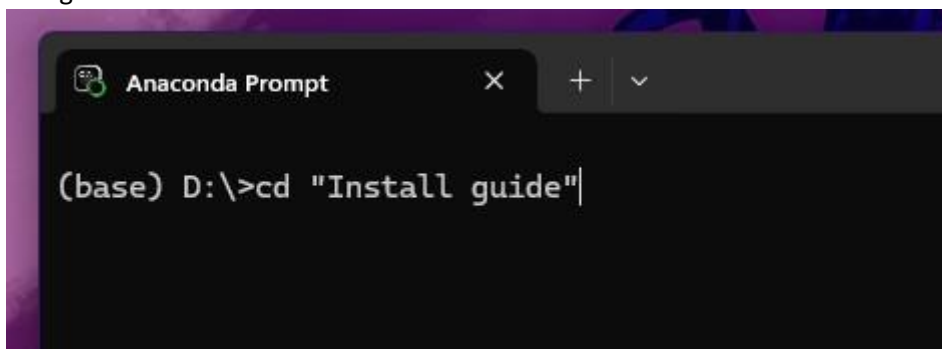Install GIT : https://git-scm.com/downloads/win
Install Miniconda : https://www.anaconda.com/download/success
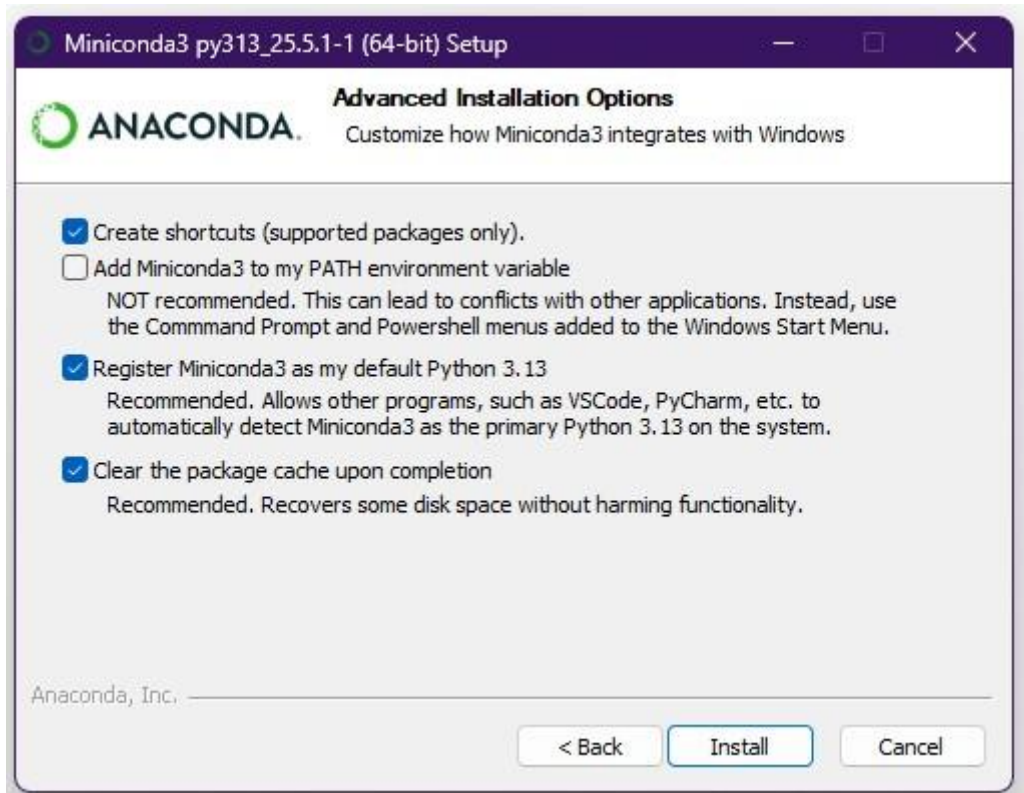
Installing Visomaster:

Execute the Anaconda prompt from the start menu shortcut.
Navigate to the desired install folder:

Clone the GIT repository and navigate to VisoMaster folder:

→ git clone <URL_TO_YOUR_VISOMASTER_FUSION_REPO>
→ cd VisoMaster

If necessary, accept the ToS from Anaconda :

→ conda tos accept --override-channels --channel https://repo.anaconda.com/pkgs/main
→ conda tos accept --override-channels --channel https://repo.anaconda.com/pkgs/r
→ conda tos accept --override-channels --channel https://repo.anaconda.com/pkgs/msys2

Update conda:

→ conda update -n base -c defaults conda

Create the new environment for VisoMaster:

→ conda create -n visomaster python=3.11.13 -y

Activate the new environment:

→ conda activate visomaster

Install CUDA requirements:

→ conda install -c nvidia/label/cuda-12.9.1 cuda-runtime

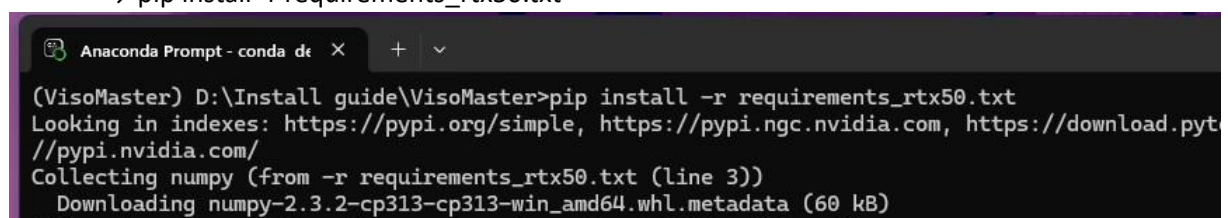→ conda install nvidia::cudnn cuda-version=12

Install CMAKE:
→ conda install cmake

Installing the requirements:

Download the requirements_rtx50.txt file from my repository and put it in your VisoMaster root folder: https://github.com/Elricfae/VisoMaster---Modded/tree/fusion

Or manually create the file and write this list inside:

--extra-index-url https://download.pytorch.org/whl/cu129
--extra-index-url https://pypi.nvidia.com/
numpy
opencv-python
pillow
scikit-image
onnx
protobuf
psutil
onnxruntime-gpu==1.22.0
packaging
PySide6
kornia
tensorrt==10.13.2.6
tensorrt-cu12_libs==10.13.2.6
tensorrt-cu12_bindings==10.13.2.6
torch==2.8.0+cu129
torchvision==0.23.0+cu129
torchaudio==2.8.0+cu129
tqdm
ftfy
regex
pyvirtualcam
numexpr
onnxsim
requests
pyqt-toast-notification
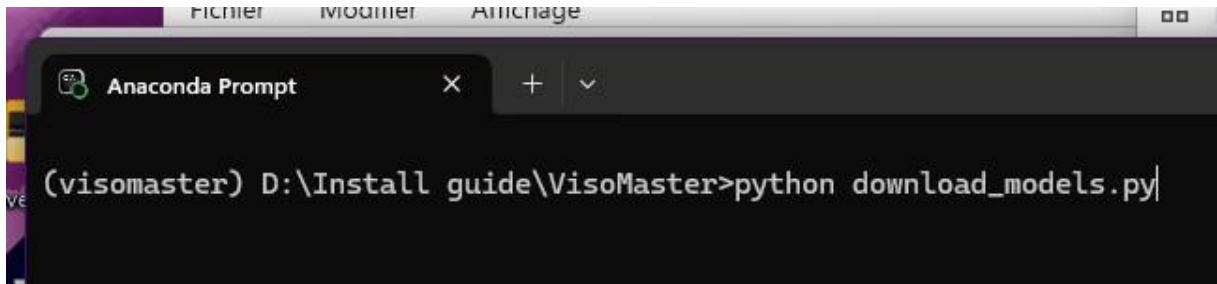qdarkstyle
pyqtdarktheme
omegaconf
einops
lightning

→ pip install -r requirements_rtx50.txt

Download the models:
	→ python download_models.py

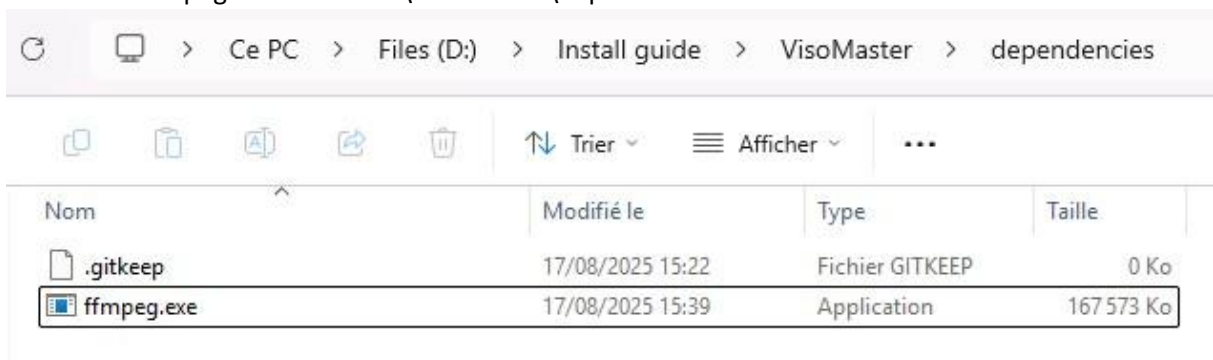

Close the Anaconda Prompt.

Download FFMPEG:

	→ https://github.com/BtbN/FFmpeg-Builds/releases/download/latest/ffmpeg-master-latest-win64-gpl.zip

Extract the ffmpeg.exe file in the \VisoMaster\dependencies folder

Add the dependencies folder to the system PATH:

	Open a command line prompt in administrator privilege (Windows Start menu → Type cmd → Right-click on the Command Prompt app → Run as administrator) and type (replace D:\Install guide\VisoMaster\dependencies with your dependencies folder path and your Miniconda install folder):

	→ setx /M Path "%Path%;D:\Miniconda"
	→ setx /M Path "%Path%;D:\Miniconda\Scripts"
	→ setx /M Path "%Path%;D:\Miniconda\condabin"
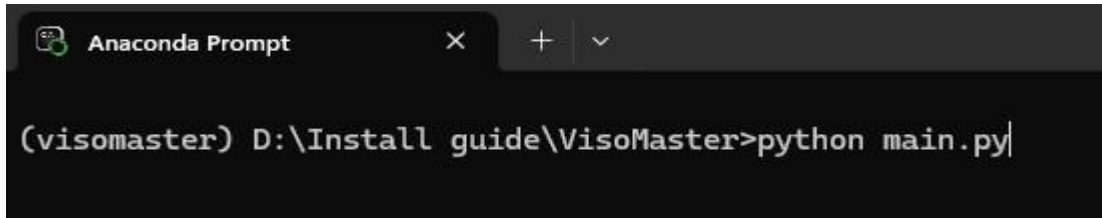	→ setx /M Path "%Path%;D:\Install guide\VisoMaster\dependencies"
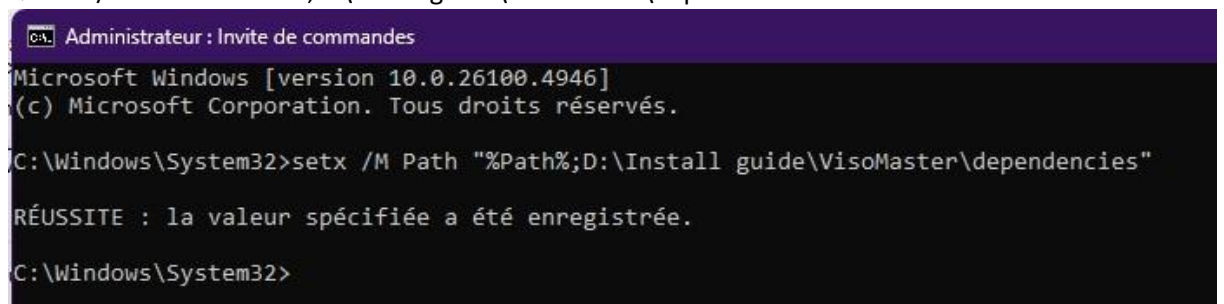
Launch VisoMaster:

Open the anaconda prompt and re-activate the VisoMaster environment:
→ conda activate visomaster

Navigate to the VisoMaster folder and launch VisoMaster:
→ python main.py

Enjoy: