# General

1. conda env list
2. delete:

conda remove --name ENV\_NAME --all

all means all the packages

1. specify version:

conda install <pkg>=<version>

1. conda list: list all pkg, conda env list: env
2. check all versions: conda search -f
3. add PATH:

vim ~/.bashrc or ~/.profile

write: export PATH="/path/to/your/directory:$PATH"

apply change: source ~

verify:

# Yaml or requirements.txt

pip install requirements.txt

or

conda install --yes --file requirements.txt

yml

conda env export > env.yml

conda env create -f env.yml

clone:

conda create --name venv2 --clone venv1

conda install

add/remove channels:

conda config –add / --remove channels <name>

mirror

show all sources: conda config --show channels

查看channel名字：cat ~/.condarc

或 conda config --show channels

删除 conda config --remove channels CHANNEL\_NAME

添加镜像：

conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/main

conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free

conda config --add

conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/pro

conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/msys2

conda install -c https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free/ r-essentials

pip install -i https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free/ package

pytorch, cuda

have version matching, careful

check cuda version: conda list cudatoolkit

check pytorch version: python, import torch, print(torch.cuda.is\_available())

check torch’s certain cuda version: print(torch.version.cuda)

在pytorch网站上找到对应的conda install的package，

安装完之后python， import torch， print(torch.version.cuda)

之后按照输出的version用conda install 对应的cuda version

Available:

conda install pytorch torchvision torchaudio pytorch-cuda=12.1 -c pytorch -c nvidia

conda install nvidia/label/cuda-12.1.0::cuda

TensoFlow

Install

Conda install tensorflow-gpu

Available:

conda create -n tfptcd python=3.7

conda install tensorflow-gpu==2.6

Check:

tf.test.is\_gpu\_available()

Install conda w/o sudo

wget <https://repo.anaconda.com/archive/Anaconda3-2024.02-1-Linux-x86_64.sh>

bash Anaconda3-2024.02-1-Linux-x86\_64.sh

source anaconda3/bin/activate

conda init

用pip install默认安装到base目录，解决办法： cd到这个虚拟环境所在的pip.exe的目录下然后用pip install

或者：/mnt/t9/mqyu/.conda/envs/RNA-FM/bin/pip install rna-fm

查看package的目录：

Which pip