

Problem import tensorflow into your Jupyter Notebook even though you installed it? Here's a few methods to solve it:

Brief guide on installation of tensorflow

visit this website <https://anaconda.org/conda-forge/tensorflow>

copy and paste this into yr anaconda prompt

Conda

Files

Labels

Badges

License: [Apache 2.0](#)

Home: <http://tensorflow.org/>

1190809 total downloads

Last upload: 6 months and 23 days ago

Info: This package contains files in non-standard labels.

Installers

conda install ?

linux-64 v110.0

osx-64 v110.0

win-64 v110.0

To install this package with conda run one of the following:

conda install -c conda-forge tensorflow

conda install -c conda-forge/label/cf201901 tensorflow

Select Anaconda Prompt - conda install -c conda-forge tensorflow

```

(base) C:\Users\Aspire>conda install -c conda-forge tensorflow
Collecting package metadata: done
Solving environment: done

## Package Plan ##

  environment location: C:\Users\Aspire\Anaconda3

  added / updated specs:
    - tensorflow

The following packages will be downloaded:

package                                     build
-----
_ipyw_jlab_nb_ext_conf-0.1.0|             py36_0             4 KB
absl-py-0.7.0                             py36_1000         154 KB  conda-forge
alabaster-0.7.12                          py_0              15 KB   conda-forge
anaconda-client-1.7.2                     py_0              69 KB   conda-forge
anaconda-navigator-1.9.6                  py36_0            4.8 MB
anaconda-project-0.8.2                    py_1              202 KB  conda-forge
appdirs-1.4.3                             py_1              11 KB   conda-forge
asn1crypto-0.24.0                         py36_1003         154 KB  conda-forge
astor-0.7.1                               py_0              32 KB   conda-forge

```

Proceed ([y]/n)? y

Press Y, and wait until done

```
DEBUG menuinst_win32:_init_(196): Menu: name: 'Anaconda${PY_VER} ${PLATFORM}', prefix: 'C:\Users\Aspire\Anaconda3', env_name: 'None', mode: 'user', used_mode: 'user'
DEBUG menuinst_win32:create(320): Shortcut cmd is C:\Users\Aspire\Anaconda3\pythonw.exe, args are ['C:\\Users\\Aspire\\Anaconda3\\cwp.py', 'C:\\Users\\Aspire\\Anaconda3', 'C:\\Users\\Aspire\\Anaconda3\\python.exe', 'C:\\Users\\Aspire\\Anaconda3\\Scripts\\spyder-script.py']
DEBUG menuinst_win32:create(320): Shortcut cmd is C:\Users\Aspire\Anaconda3\python.exe, args are ['C:\\Users\\Aspire\\Anaconda3\\cwp.py', 'C:\\Users\\Aspire\\Anaconda3', 'C:\\Users\\Aspire\\Anaconda3\\python.exe', 'C:\\Users\\Aspire\\Anaconda3\\Scripts\\spyder-script.py', '--reset']
- Enabling notebook extension jupyter-js-widgets/extension...
- Validating: ok

done
(base) C:\Users\Aspire>
```

```
import tensorflow as tf
```

```
-----  
ModuleNotFoundError                                Traceback (most recent call last)  
<ipython-input-1-434a78d02da5> in <module>()  
    1  
----> 2 import tensorflow as tf  
  
ModuleNotFoundError: No module named 'tensorflow'
```

Problem: could not import tensorflow into jupyter notebook

reason: jupyter notebook might not be installed on the environment you are using

This tutorial will guide how to successfully import tensorflow into jupyter notebook, both from base root and on virtual environment

Import tensorflow via base root (local environment) from your pc

```
#Method 1: Open anaconda prompt, type  
conda create -n tensorflow_env tensorflow
```

```
#After tensorflow is installed, type  
conda activate tensorflow_env
```

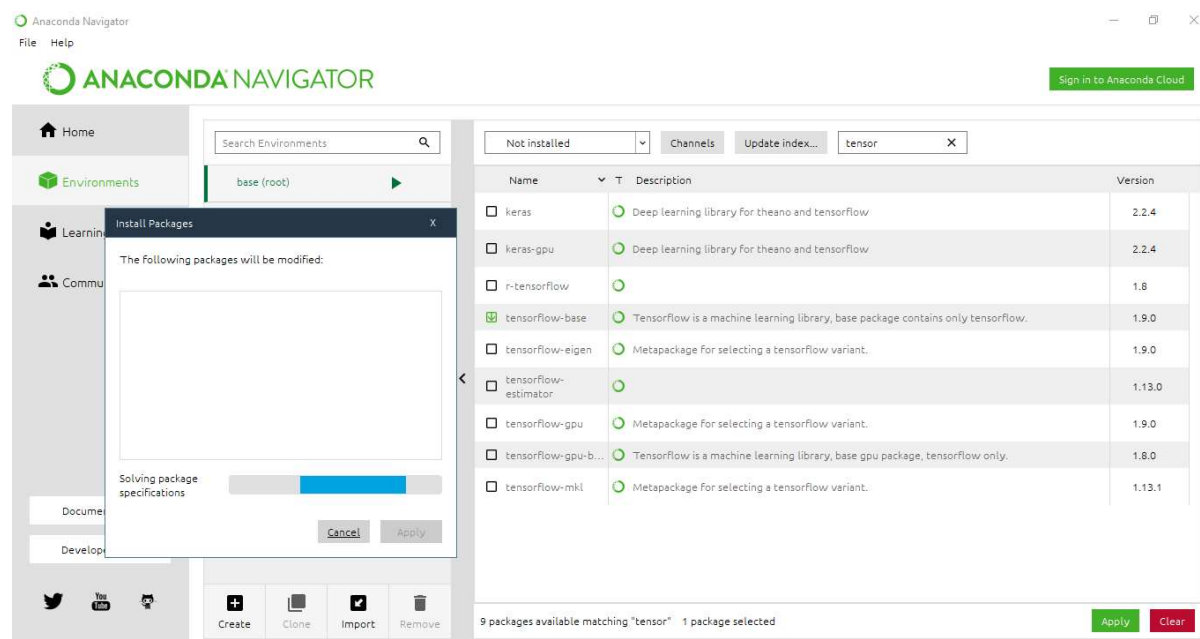
Method 2: (For beginners) Open anaconda navigator.

On left panel, select 'Environment' section.

In the middle section, choose 'base(root)'.

On the right section, choose 'not installed' to check whether tensorflow is installed in your base(root) environment. If it is not, tick 'tensorflow-base' and press 'apply' button on bottom right.

Your tensorflow packages will start getting install in your base(root) environment.

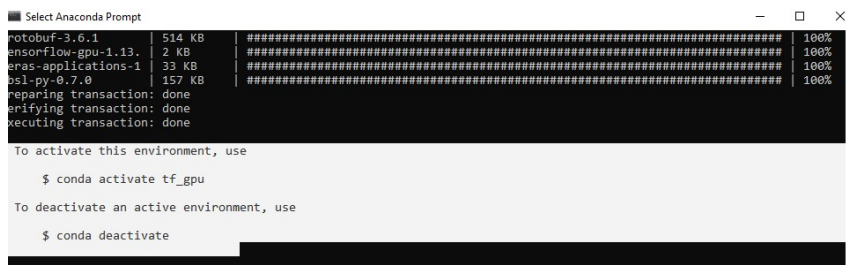


Virtual Environment Installation: Import tensorflow via gpu in Anaconda [use NVIDIA Cuda and Cudnn]

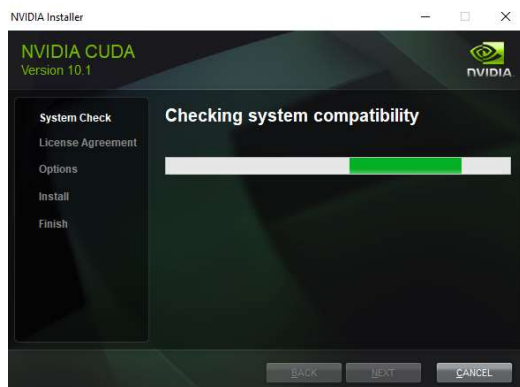
1st step: install tensorflow on gpu (virtual environment)

In anaconda prompt, type:

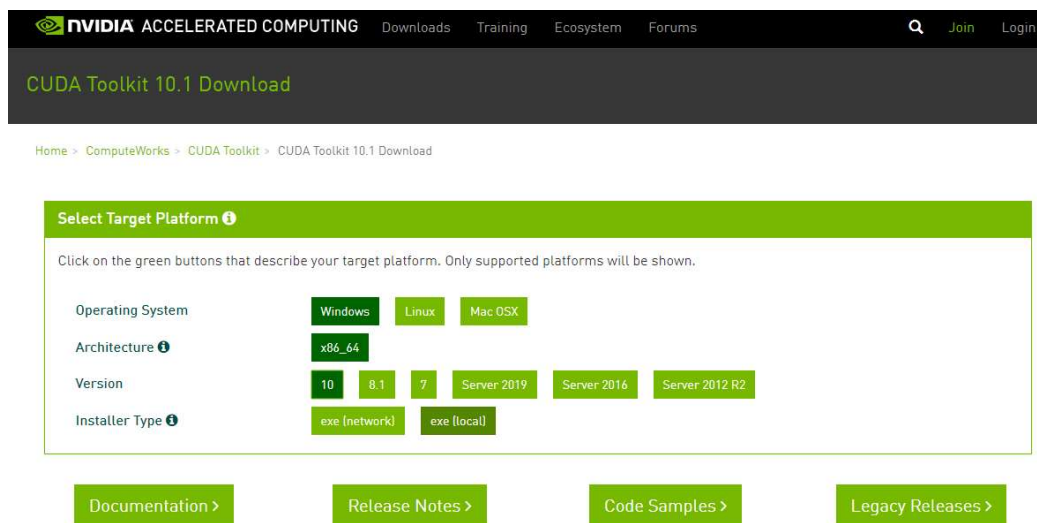
conda create --name tf_gpu tensorflow-gpu



check your environment by typing
conda info --envs



Select your own computer operating system to install



once done, launch anaconda,

Good resources for reference:

https://blog.csdn.net/caicai_zju/article/details/70245099