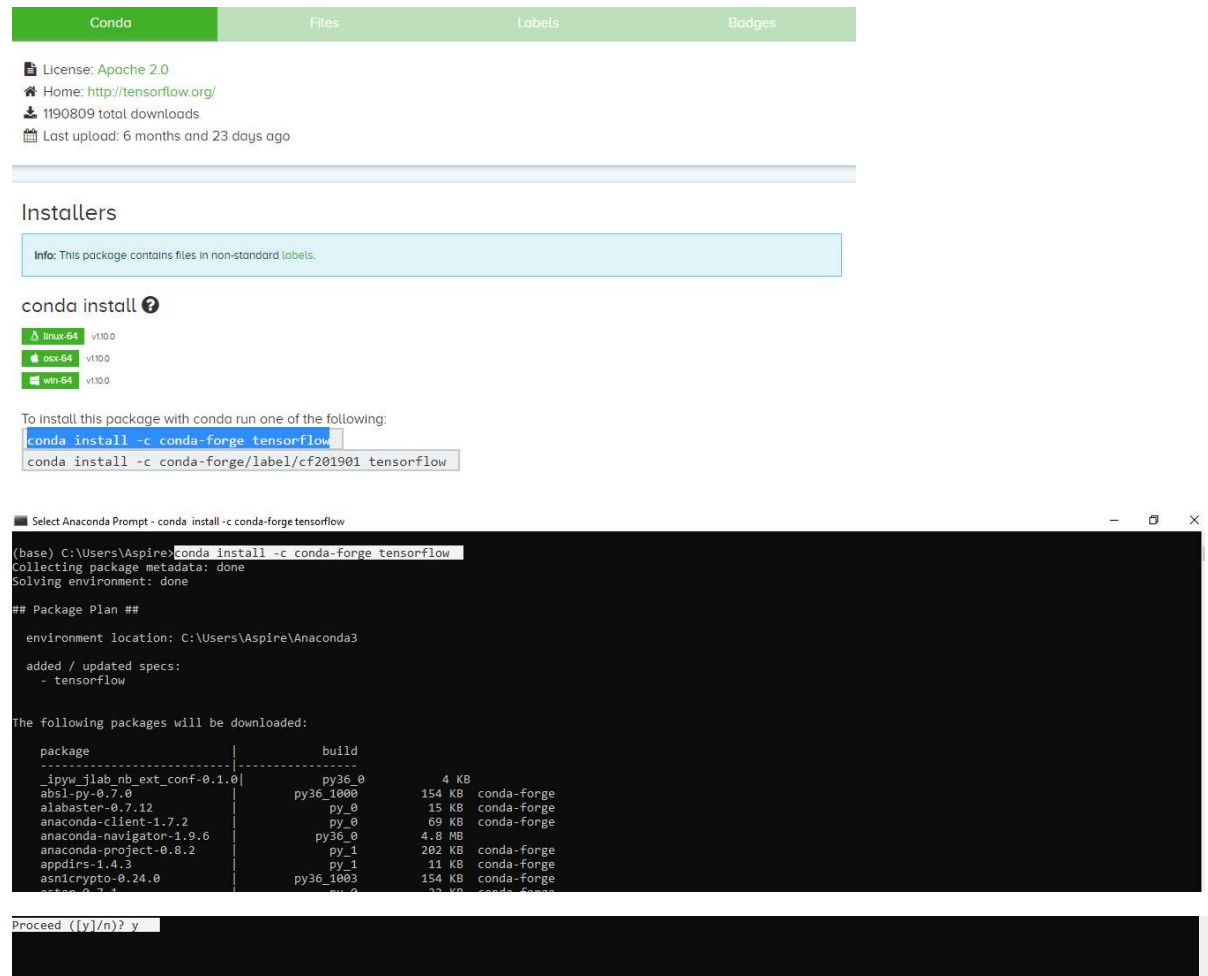


## Problem import tensorflow into your Jupyter Notebook even though you installed it? Here's a few methods to solve it:

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

### Installers

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

conda install ?

linux-64 v100  
osx-64 v100  
win-64 v100

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
```

```
(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 | size | channel  
----- | ----- | ----- | -----  
_ipyw_jlab_nb_ext_conf-0.1.0 | py36_0 | 4 KB | conda-forge  
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 | conda-forge  
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  
tensorflow-1.12.0 | cu101_0 | 22.5 MB | 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\pythonw.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
```

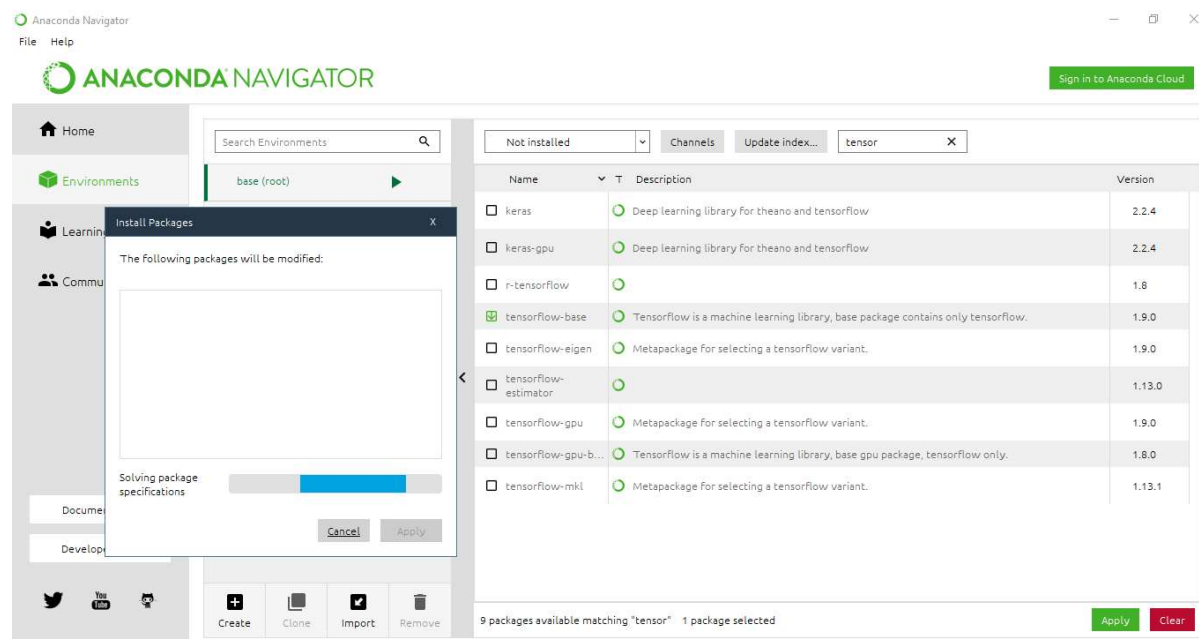
Method 2: (For beginners) Open anaconda navigator.

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 Cuda and Cunn]

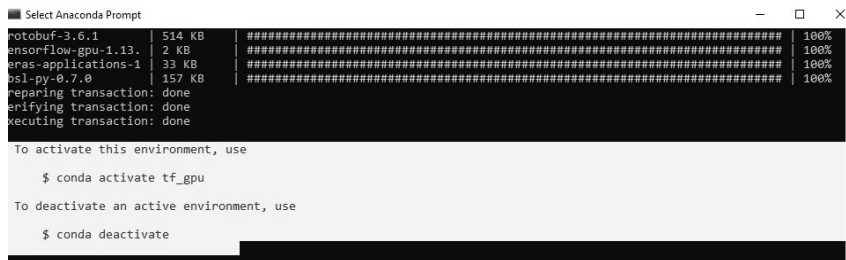
1<sup>st</sup> step: install tensorflow on gpu (virtual environment)

Why use GPU?

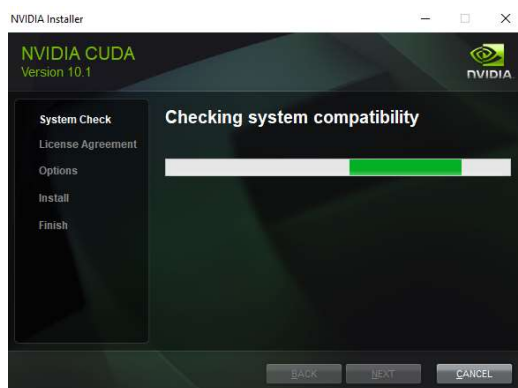
GPU graphics processing unit (GPU) is a computer chip that gives fast mathematical calculations, essentially for the view of providing images

In anaconda prompt, type:

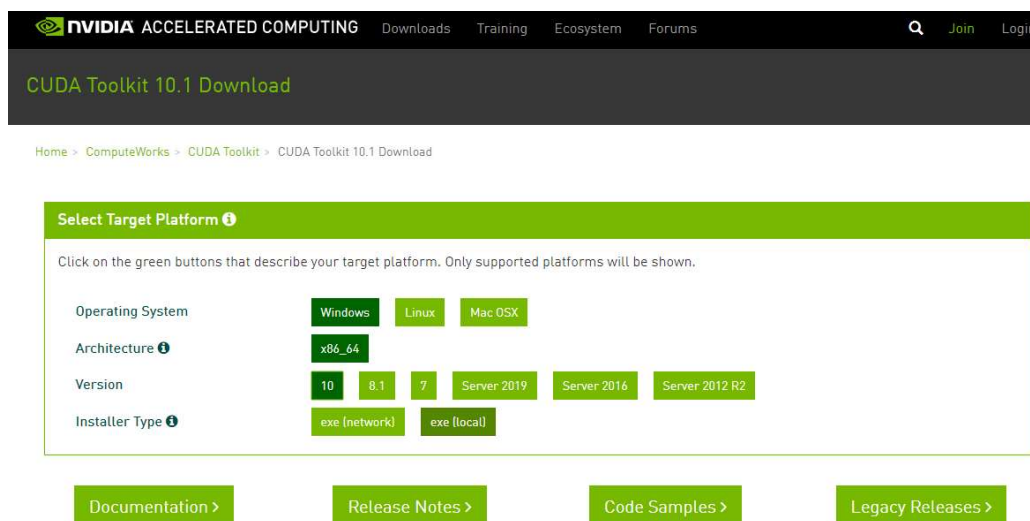
conda create --name tf\_gpu tensorflow-gpu



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](https://blog.csdn.net/caicai_zju/article/details/70245099)

