




1、首先进入 miniconda 官网 <https://conda.io/miniconda.html>，按下图箭头所示下载安装包

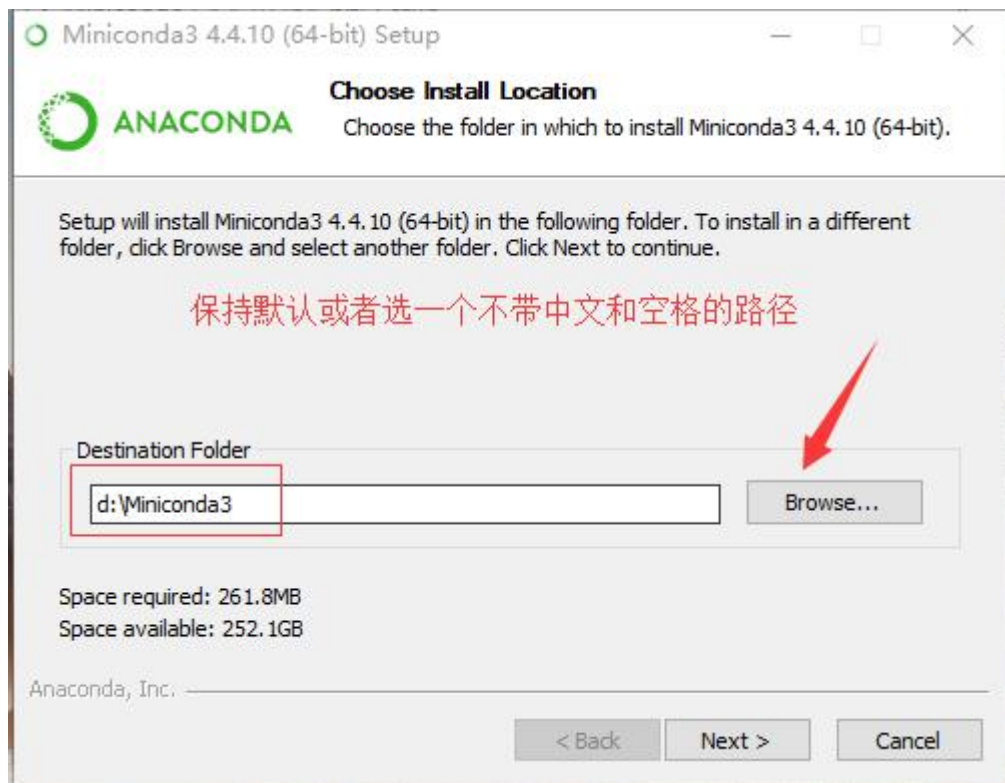
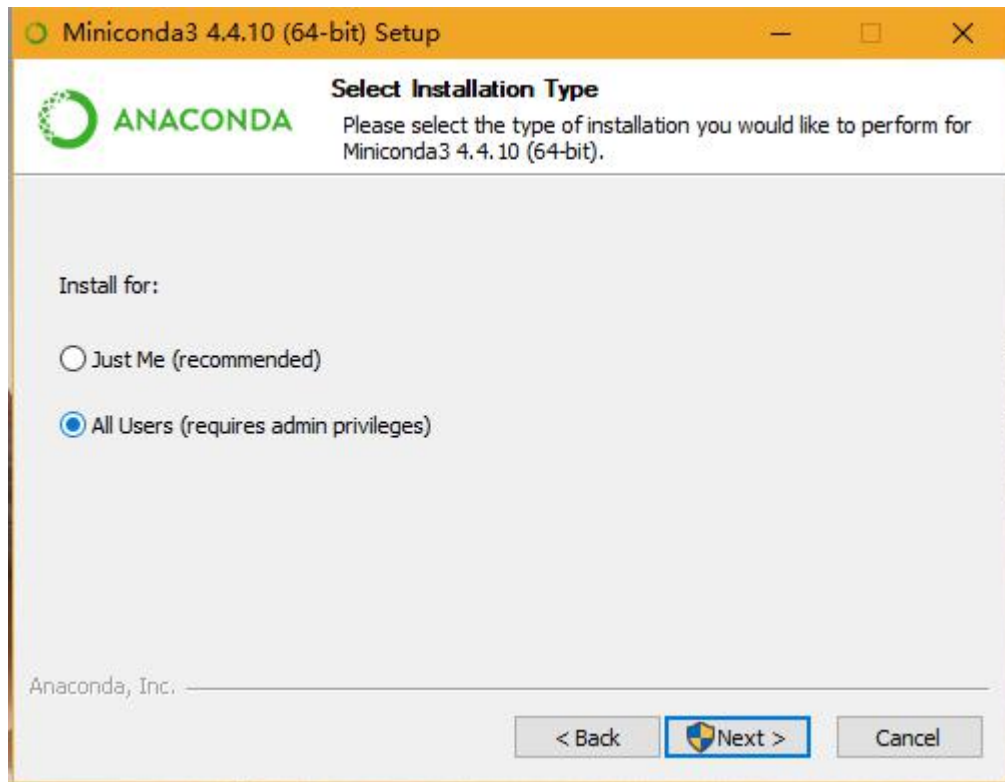
## Miniconda

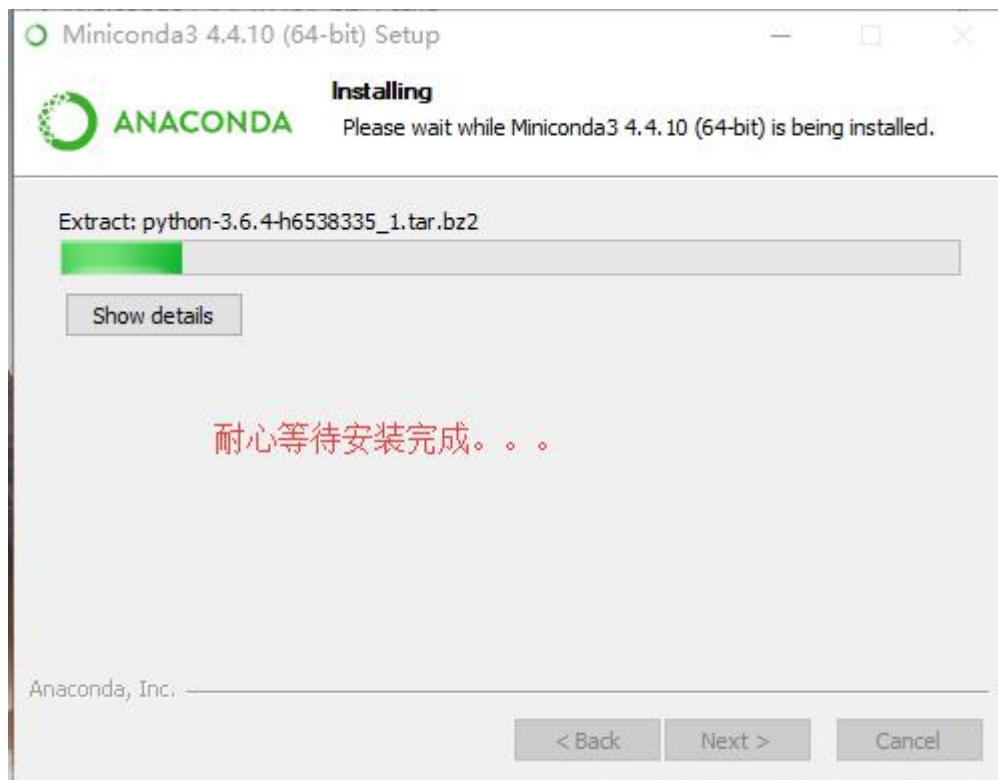
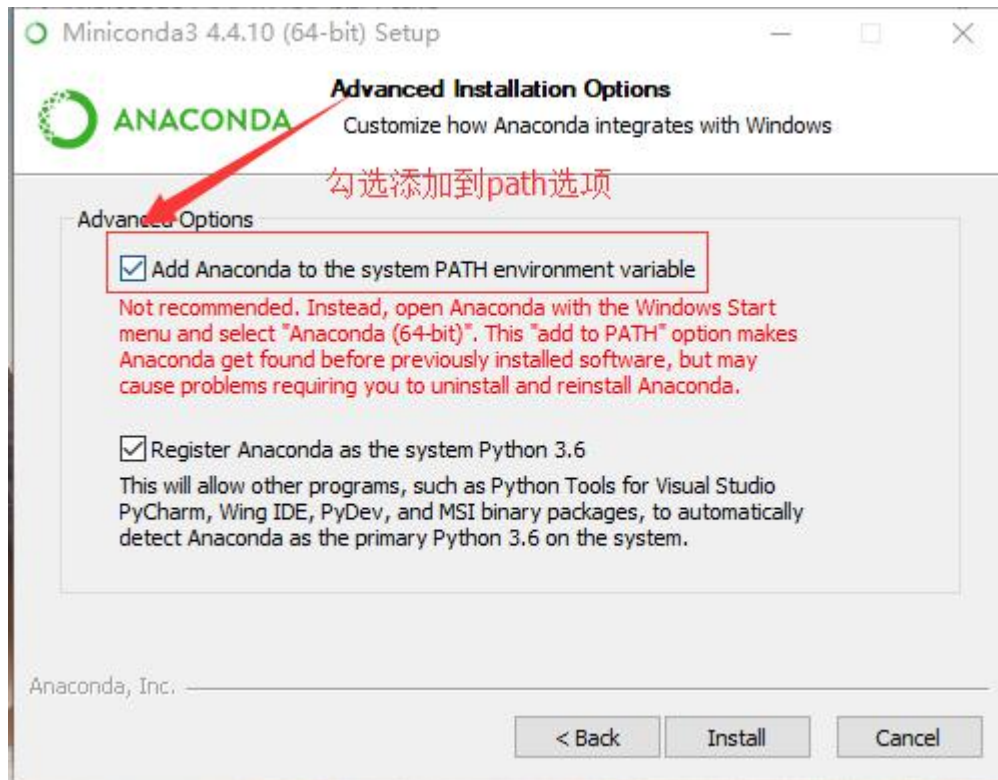
	 Windows	 Mac OS X	 Linux
Python 3.6	64-bit (exe installer) 32-bit (exe installer)	64-bit (bash installer)	64-bit (bash installer) 32-bit (bash installer)
Python 2.7	64-bit (exe installer) 32-bit (exe installer)	64-bit (bash installer)	64-bit (bash installer) 32-bit (bash installer)

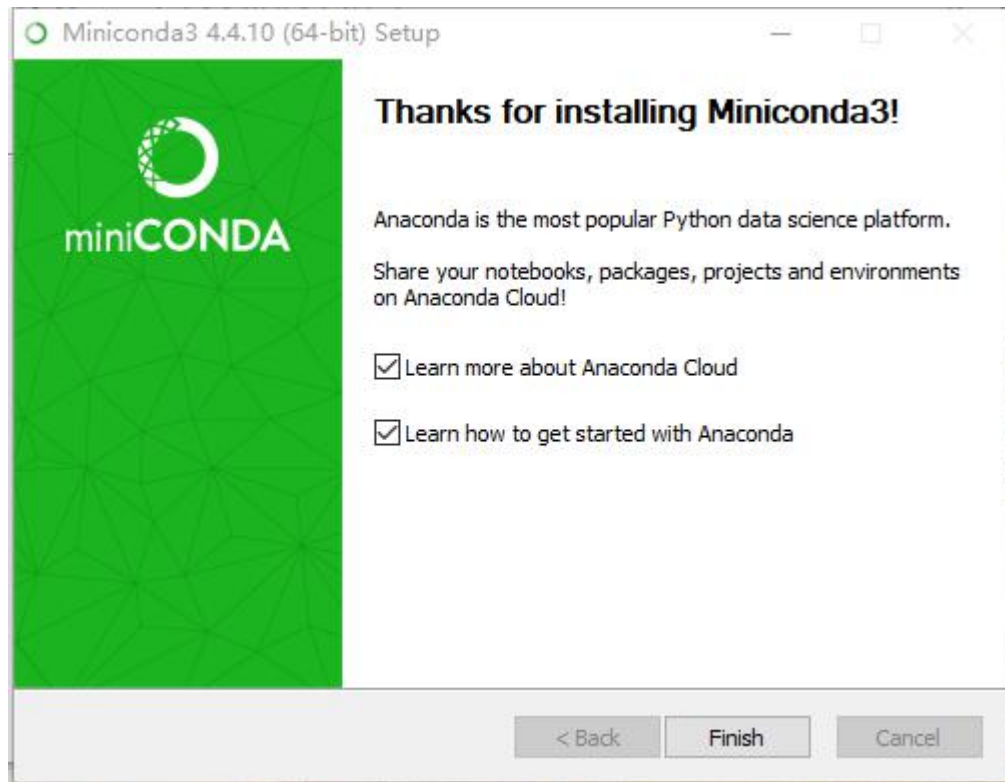
Other resources:

2、下载后开始安装，如下图所示









3、打开命令行窗口，输入 `conda` 后回车，显示如下图即安装成功

```
命令提示符

list          List linked packages in a conda environment.
package      Low-level conda package utility. (EXPERIMENTAL)
remove       Remove a list of packages from a specified conda environment.
uninstall     Alias for conda remove. See conda remove --help.
search       Search for packages and display associated information. The
              input is a MatchSpec, a query language for conda packages.
              See examples below.
update       Updates conda packages to the latest compatible version. This
              command accepts a list of package names and updates them to
              the latest versions that are compatible with all other
              packages in the environment. Conda attempts to install the
              newest versions of the requested packages. To accomplish
              this, it may update some packages that are already installed,
              or install additional packages. To prevent existing packages
              from updating, use the --no-update-deps option. This may
              force conda to install older versions of the requested
              packages, and it does not prevent additional dependency
              checking altogether, use the '--force' option. This may
              result in an environment with incompatible packages, so this
              option must be used with great caution.
upgrade      Alias for conda update. See conda update --help.

optional arguments:
  -h, --help            Show this help message and exit.
  -V, --version          Show the conda version number and exit.

conda commands available from other packages:
  env

C:\Users\sql>
```

4、为了加快 `python` 包的安装速度，我们添加清华大学的国内镜像源，在命令行窗口执行下面两条命令即可

```
conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkg/free/
conda config --set show_channel_urls yes
```

```
命令提示符
C:\Users\sql>conda config --add channels https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/free/
C:\Users\sql>conda config --set show_channel_urls yes
C:\Users\sql>
```

5、安装 tensorflow，命令行输入 `conda install tensorflow` 回车即可  
安装 GPU 版本命令为 `conda install tensorflow-gpu`，耐心等待直到下图提示

```
命令提示符 - conda install tensorflow

mkl:                2017.0.3-0                http://mirrors.ustc.edu.cn/anaconda/pkgs/free
numpy:              1.13.1-py36_0             http://mirrors.ustc.edu.cn/anaconda/pkgs/free
packaging:          16.8-py36_0               http://mirrors.ustc.edu.cn/anaconda/pkgs/free
protobuf:           3.2.0-py36_0             http://mirrors.ustc.edu.cn/anaconda/pkgs/free
pyparsing:          2.2.0-py36_0             http://mirrors.ustc.edu.cn/anaconda/pkgs/free
tensorflow:          1.2.1-py36_0             http://mirrors.ustc.edu.cn/anaconda/pkgs/free
werkzeug:           0.12.2-py36_0            http://mirrors.ustc.edu.cn/anaconda/pkgs/free
zlib:               1.2.11-vc14_0             http://mirrors.ustc.edu.cn/anaconda/pkgs/free

The following packages will be UPDATED:

  ca-certificates: 2017.08.26-h94faf87_0 defaults --> 2018.0
  3.07-0 defaults
  vs2015_runtime:  14.0.25123-3 defaults --> 14.0.2
  5420-0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free

The following packages will be DOWNGRADED:

  certifi:          2018.1.18-py36_0 defaults --> 2016.2
  28-py36_0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free
  cryptography:     2.1.4-py36h1d7878_0 defaults --> 1.8.1-
  py36_0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free
  openssl:          1.0.2n-h74b6da3_0 defaults --> 1.0.21
  -vc14_0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free
  pyopenssl:        17.5.0-py36h5b7d817_0 defaults --> 17.0.0
  -py36_0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free
  requests:         2.18.4-py36h4371aae_1 defaults --> 2.14.2
  -py36_0 http://mirrors.ustc.edu.cn/anaconda/pkgs/free
  setuptools:       38.4.0-py36_0 defaults --> 36.4.0
  -py36_1 http://mirrors.ustc.edu.cn/anaconda/pkgs/free

Proceed ([y]/n)?
```

6、输入 `y` 回车开始安装



```
命令提示符
Proceed ([y]/n)? y

Downloading and Extracting Packages
pyparsing 2.2.0: ##### 100%
libprotobuf 3.2.0: ##### 100%
requests 2.14.2: ##### 100%
backports 1.0: ##### 100%
vs2015_runtime 14.0.25420: ##### 100%
protobuf 3.2.0: ##### 100%
werkzeug 0.12.2: ##### 100%
bleach 1.5.0: ##### 100%
certifi 2016.2.28: ##### 100%
markdown 2.6.9: ##### 100%
html5lib 0.9999999: ##### 100%
mk1 2017.0.3: ##### 100%
packaging 16.8: ##### 100%
setuptools 36.4.0: ##### 100%
tensorflow 1.2.1: ##### 100%
numpy 1.13.1: ##### 100%
openssl 1.0.2l: ##### 100%
ca-certificates 2018.03.07: ##### 100%
zlib 1.2.11: ##### 100%
pyopenssl 17.0.0: ##### 100%
cryptography 1.8.1: ##### 100%
backports weakref 1.0rc1: ##### 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done

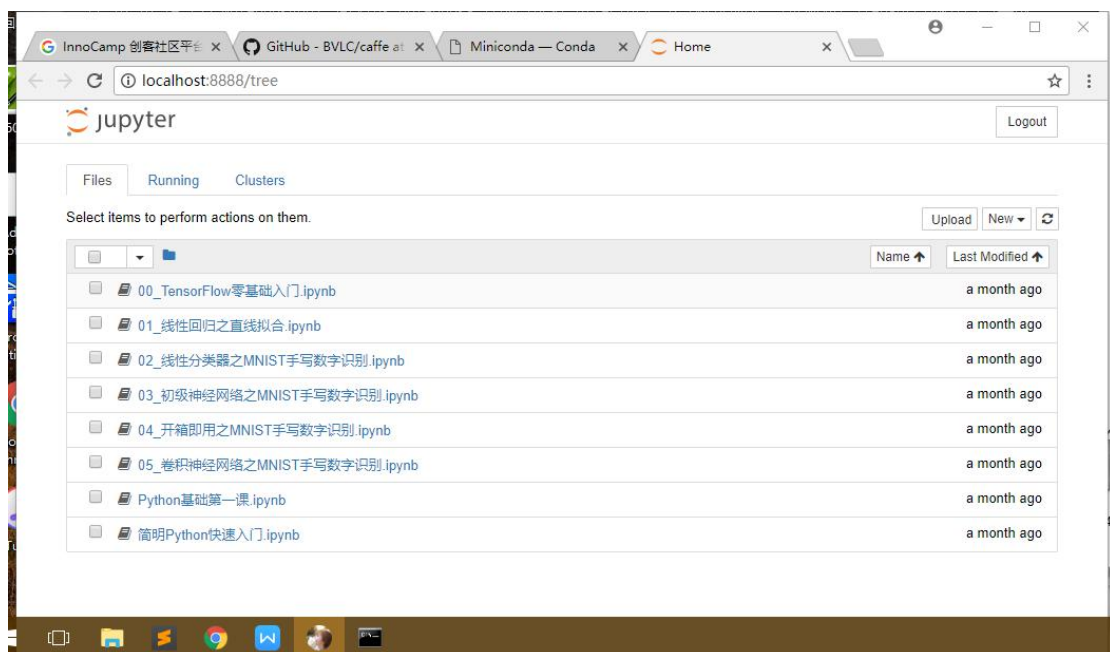
C:\Users\sql>
```

7、接下来安装 ipython 和 jupyter，命令为

conda install ipython

conda install jupyter

安装完毕，在命令行窗口输入 jupyter notebook 回车，可以跳转到浏览器页面即为成功，如下图所示



开始你的 tensorflow 之旅吧！