

Install anaconda and configure the environment on Mac OS

Step 1.

Select the corresponding version, download the anaconda installation package from the official website, decompress and install the package.

Reference: Anaconda's official website address

<https://www.anaconda.com/products/distribution#Downloads>

Windows

Python 3.9
64-Bit Graphical Installer (594 MB)
32-Bit Graphical Installer (488 MB)

MacOS

Python 3.9
64-Bit Graphical Installer (591 MB)
64-Bit Command Line Installer (584 MB)
64-Bit (M1) Graphical Installer (316 MB)
64-Bit (M1) Command Line Installer (305 MB)

Linux

Python 3.9
64-Bit (x86) Installer (659 MB)
64-Bit (Power8 and Power9) Installer (367 MB)
64-Bit (AWS Graviton2 / ARM64) Installer (568 MB)
64-bit (Linux on IBM Z & LinuxONE) Installer (280 MB)

Anaconda3-2022.05-MacOSX-arm64.pkg

331.8 MB

✕

⦿

⦿

安装 Anaconda3

install anaconda3

🔒

● 介绍 [introduction](#)

● 请先阅读

● **许可** [license](#)

● 目的宗旨

● 安装类型

● 安装

● DataSpell

● 摘要

ANACONDA

print

软件许可协议

=====

End User License Agreement - Anaconda Distribution

=====

Copyright 2015-2022, Anaconda, Inc.

All rights reserved under the 3-clause BSD License:

This End User License Agreement (the "Agreement") is a legal agreement between you and Anaconda, Inc. ("Anaconda") and governs your use of Anaconda Distribution (which was formerly known as Anaconda Individual Edition).

Subject to the terms of this Agreement, Anaconda hereby grants you a non-exclusive, non-transferable license to:

* Install and use the Anaconda Distribution (which was formerly known as Anaconda Individual Edition),

* Modify and create derivative works of sample source code delivered in Anaconda Distribution from Anaconda's repository, and;

* Redistribute code files in source (if provided to you by Anaconda as source) and binary forms, with or without modification subject to the requirements set forth below, and;

save

back

continue

打印...

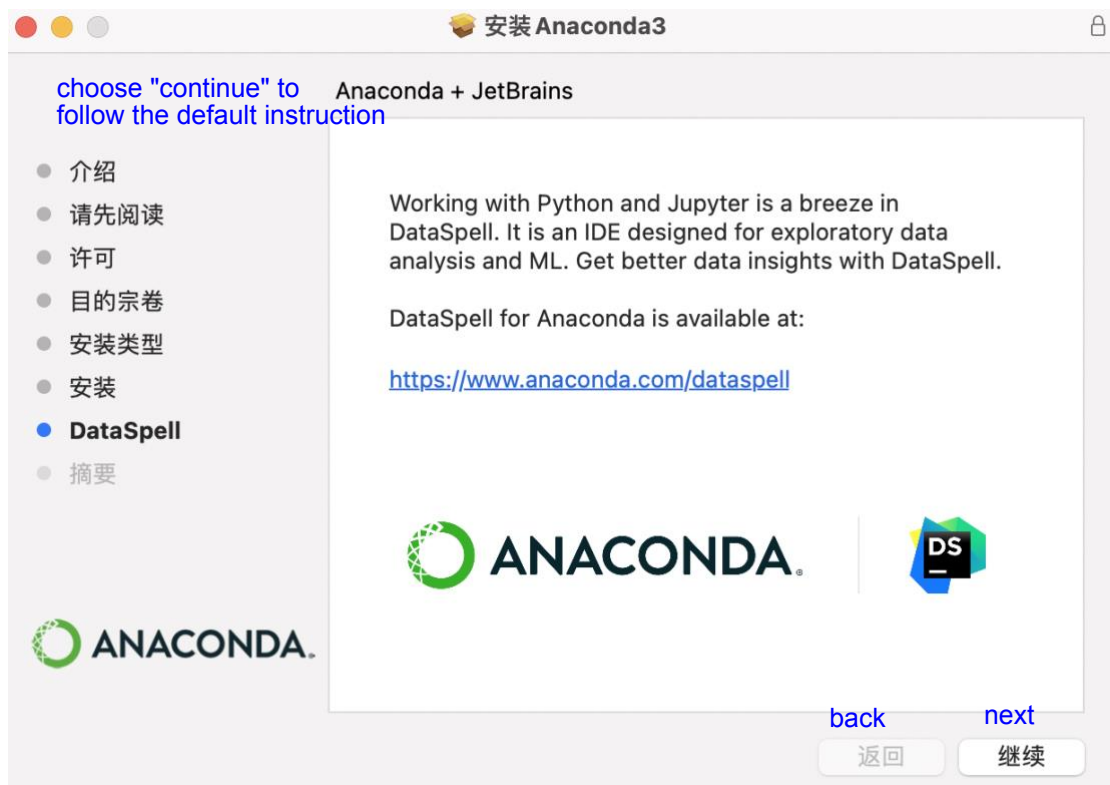
存储...

返回

继续



Finish !



Step 2.

Verify whether the installation is successful or not:

Command: `conda -version`

If the terminal returns:

`conda 4.13.0`

It proves your installation is successful.

Don't worry if the terminal returns "`conda command not found`". Try the following instructions:

- 1) type "`vi ~/.bash_profile`" in your terminal
- 2) Add the following content to the window that appears: `export PATH="/opt/anaconda3/bin:$PATH"` The content in front of `anaconda3/bin` is the installation path on your computer
- 3) type "`source $HOME/.bash_profile`"
- 4) type "`source ~/.bash_profile`"
- 5) After this operation, enter "`conda -version`" again to see the version of your conda displayed

6) You may also meet a problem here, that is, every time you reopen the terminal and enter the conda command, it still shows "`conda command not found`". You need to re-enter "`source ~/.bash_profile`" to enter base and then use conda. solution is as follows

7) Enter `echo 'export PATH="/opt/anaconda3/bin:$PATH"' >> ~/.zshrc` on the command line. The part before anaconda is the path you installed, then enter "`source ~/.zshrc`"

Step 3: Then we install anaconda-navigator for a better user experience.

Command: "`conda install anaconda-navigator`"



Step 4: Common conda commands :

Conda -version

Conda install xxxpackage

conda create -n ENV_NAME python=3.8.8

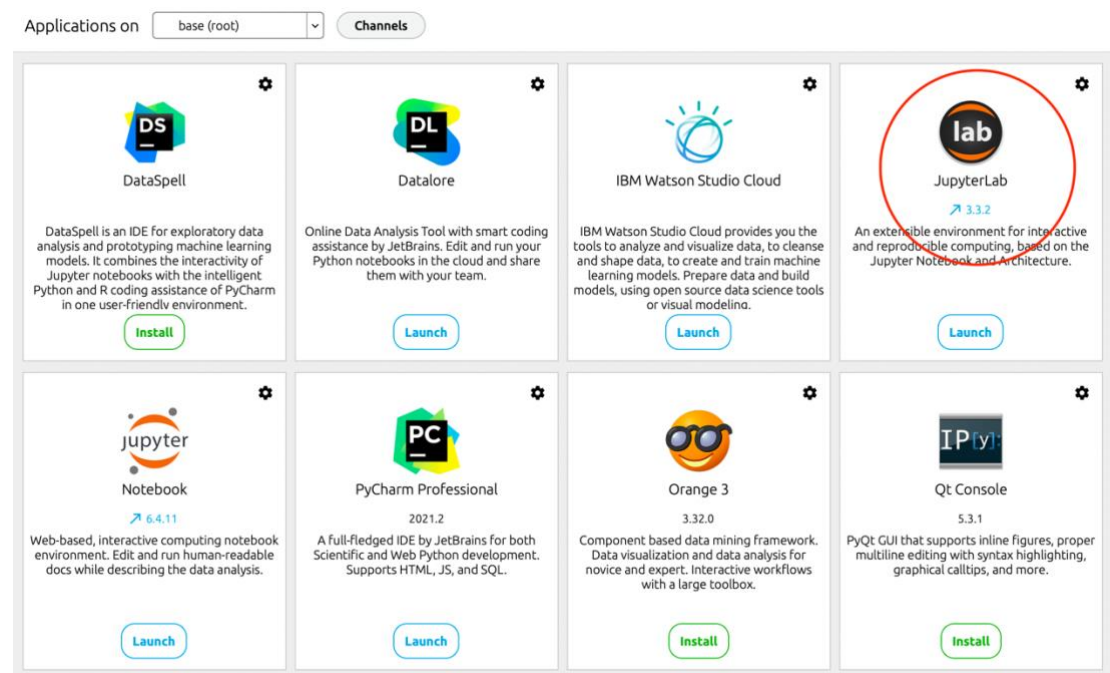
conda activate ENV_NAME

Reference: <https://docs.conda.io/projects/conda/en/latest/commands.html#conda-general-commands>

Step5: launch jupyter notebook/ other usage

Method 1:

Open anaconda-Navigator:



Method 2:

Through terminal: type "jupyter notebook"

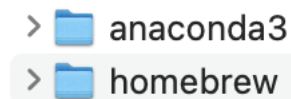
```
[(base) yaoyuxuan@shenqixiaoxiongdeMacBook-Pro ~ % jupyter notebook
[I 2022-08-29 23:54:09.568 LabApp] JupyterLab extension loaded from /opt/anaconda3/lib/python3.9/site-packages/jupyterlab
[I 2022-08-29 23:54:09.568 LabApp] JupyterLab application directory is /opt/anaconda3/share/jupyter/lab
[I 23:54:09.571 NotebookApp] 端口 8888 已经被占用, 请尝试其他端口。
[I 23:54:09.572 NotebookApp] notebooks 运行所在的本地路径: /Users/yaoyuxuan
[I 23:54:09.572 NotebookApp] Jupyter Notebook 6.4.11 is running at:
[I 23:54:09.572 NotebookApp] http://localhost:8889/?token=827906bbebe5474359c9acc5ea203a1f212d6c873e5f68b
or http://127.0.0.1:8889/?token=827906bbebe5474359c9acc5ea203a1f212d6c873e5f68b
[I 23:54:09.572 NotebookApp] 使用 Control-C 停止此服务器并关闭所有内核 (连续操作两次便可跳过确认界面)。
[C 23:54:09.575 NotebookApp]



To access the notebook, open this file in a browser:
file:///Users/yaoyuxuan/Library/Jupyter/runtime/nbserver-10189-open.html
Or copy and paste one of these URLs:
http://localhost:8889/?token=827906bbebe5474359c9acc5ea203a1f212d6c873e5f68b
or http://127.0.0.1:8889/?token=827906bbebe5474359c9acc5ea203a1f212d6c873e5f68b
```

How to Uninstall Anaconda:

Method1:

Find the original installation location with a shortcut command :
e.g: “Command+⌘+G”, delete the whole package of anaconda3



>  anaconda3
>  homebrew

Method 2:

Please execute the following command lines in terminal step by step

a) Delete related configuration

```
>>> conda install anaconda-clean
```

```
>>> anaconda-clean
```

```
>>> rm -r /Users/scottyuan/.anaconda_backup/....(your own location, once you  
execute the second command, it will be automatically returned by terminal)
```

b) Delete the folder

```
>>> rm -rf /anaconda3
```

c) Delete environment variable

```
>>> vi ~/.bash_profile
```

d) delete hidden files

```
>>> rm -rf ~/.condarc ~/.conda ~/.continuum
```