

本機環境建置操作手冊

環境的選擇

- 原生Python
 - 優：Windows安裝簡單、Mac與Linux系統內建
 - 缺：套件管理不易、許多套件需要自行處理相容性問題
- 整合式環境Anaconda
 - 優：可針對不同的專案建立專屬環境、自動處理套件相依的問題
 - 缺：系統資源佔用較大

Anaconda的安裝

- <https://www.anaconda.com/>

Anaconda Installers

Windows 

MacOS 

Linux 

Python 3.8

64-Bit Graphical Installer (457 MB)

32-Bit Graphical Installer (403 MB)

Python 3.8

64-Bit Graphical Installer (435 MB)

64-Bit Command Line Installer (428 MB)

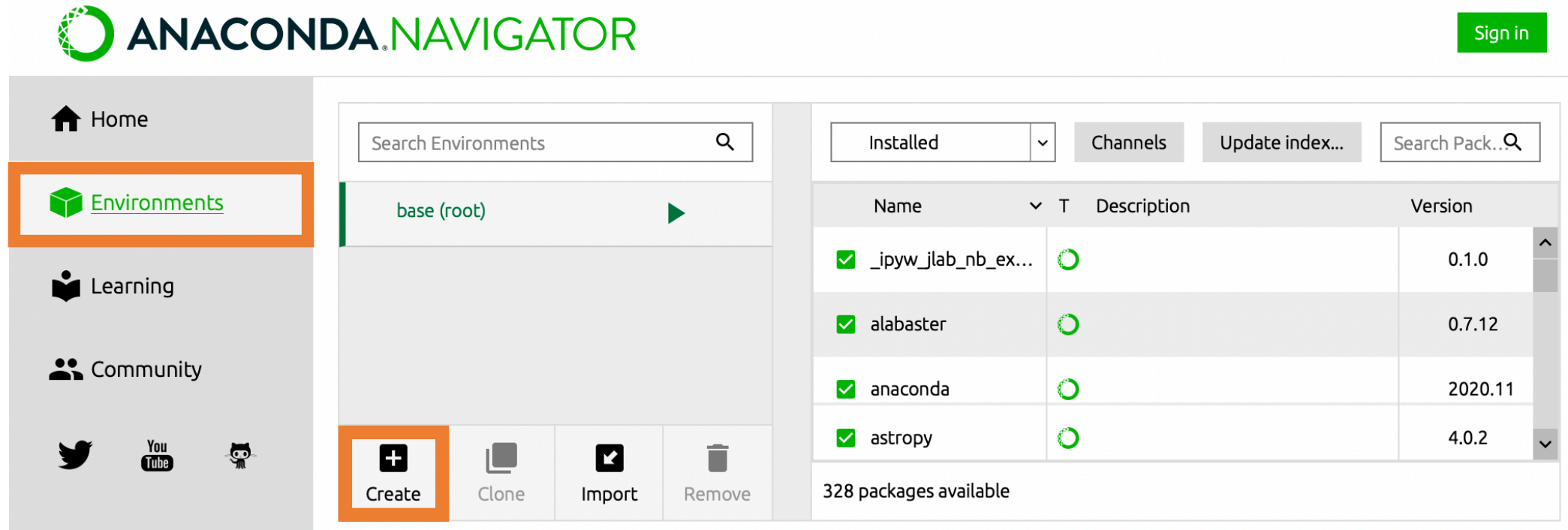
Python 3.8

64-Bit (x86) Installer (529 MB)

64-Bit (Power8 and Power9) Installer (279 MB)

環境建置

- <https://www.anaconda.com/products/individual>



The screenshot displays the Anaconda Navigator web interface. The top navigation bar includes the Anaconda Navigator logo and a 'Sign in' button. The left sidebar contains navigation links for 'Home', 'Environments' (highlighted with an orange box), 'Learning', and 'Community', along with social media icons for Twitter, YouTube, and GitHub. The main content area is divided into two panels. The left panel shows a search bar for 'Search Environments' and a list of environments, with 'base (root)' selected. Below this is a toolbar with 'Create' (highlighted with an orange box), 'Clone', 'Import', and 'Remove' buttons. The right panel shows a table of installed packages with columns for Name, Description, and Version. The table lists four packages: _ipyw_jlab_nb_ex..., alabaster, anaconda, and astropy, all with version 0.1.0, 0.7.12, 2020.11, and 4.0.2 respectively. A '328 packages available' message is shown at the bottom of the right panel.

ANACONDA.NAVIGATOR

Sign in

Home

Environments

Learning

Community

Twitter YouTube GitHub

Search Environments

base (root)

Create Clone Import Remove

Installed Channels Update index... Search Pack...

Name	T	Description	Version
✓ _ipyw_jlab_nb_ex...	○		0.1.0
✓ alabaster	○		0.7.12
✓ anaconda	○		2020.11
✓ astropy	○		4.0.2

328 packages available

環境建置

Create new environment

X

Name:

L1

Location:

/Users/jerry/opt/anaconda3/envs/L1

Packages:

☒ Python

3.8

▼

☐ R

r

▼

Cancel

Create

Jupyter的安裝與使用

Search Environments

base (root)

L1

+

Create

Clone

Import

Remove

Not installed

Channels

Update index...

jupyter

Name	T	Description	Version
<input type="checkbox"/> hdijupyterutils			0.18.0
<input checked="" type="checkbox"/> jupyter			1.0.0
<input type="checkbox"/> jupyter_console			6.4.0

12 packages available matching "jupyter" 1 package selected

Apply

Clear

Jupyter的安裝與使用

Install Packages

X

22 packages will be installed

	Name	Unlink	Link	Channel	
1	jupyter	-	1.0.0	pkgs/main	^
2	*dbus	-	1.13.18	pkgs/main	
3	*expat	-	2.3.0	pkgs/main	
4	*gettext	-	0.21.0	pkgs/main	
5	*glib	-	2.68.1	pkgs/main	
6	*icu	-	58.2	pkgs/main	v

* indicates the package is a dependency of a selected package

Cancel

Apply

Jupyter的安裝與使用

