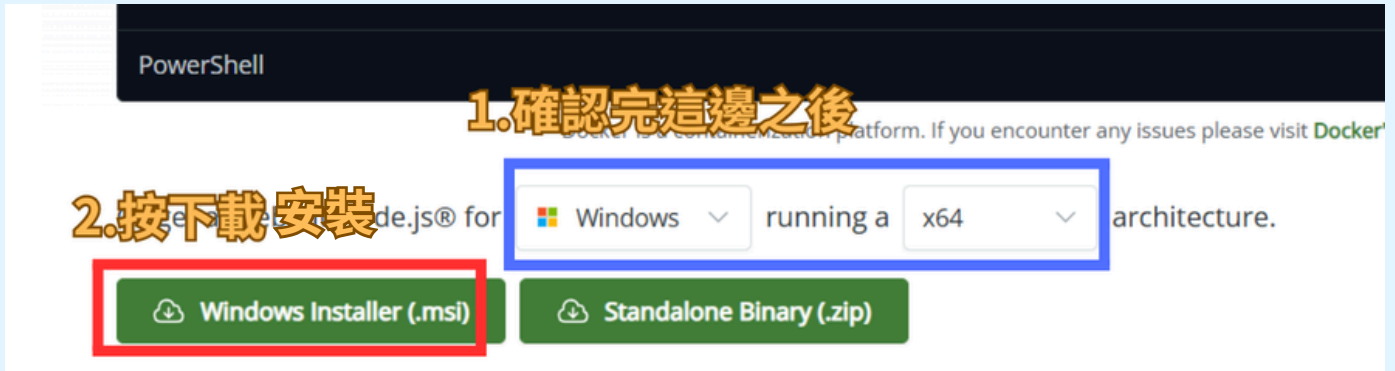


# 為你自己學AI - 程式設計(二)

## 下載工具

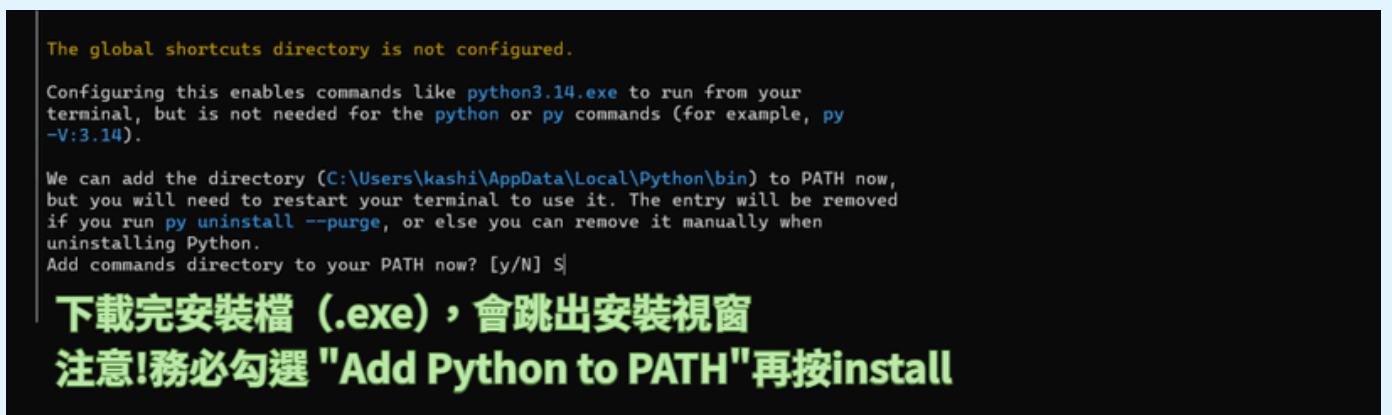
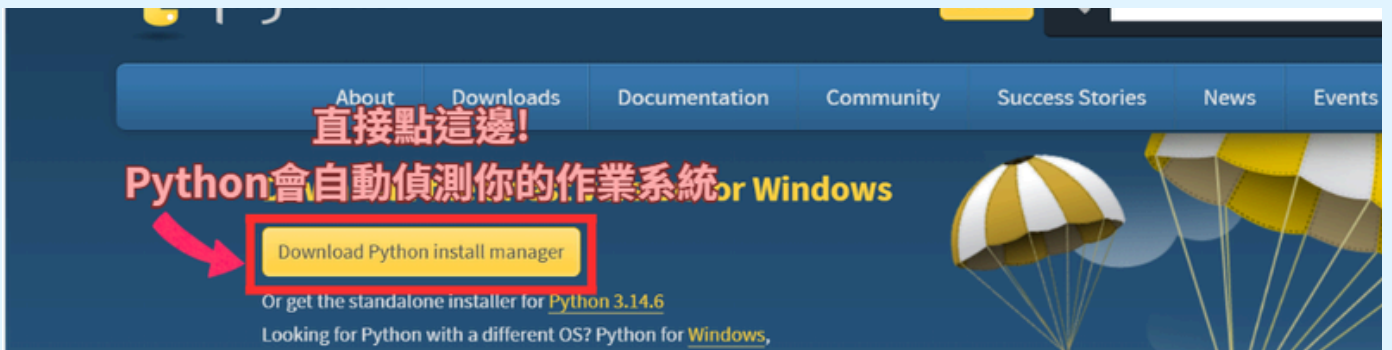
### 1. npm

點擊此連結下載: <https://nodejs.org/en/download>



### 2. Python

點擊此連結下載: <https://www.python.org/downloads/>



### 最終確認:

打開cmd 輸入 `python`

確認是否出現Python 3.x.x 的版本資訊 若有則代表你成功安裝了!

```
Microsoft Windows [版本 10.0.26200.8037]
(c) Microsoft Corporation. 著作權所有，並保留一切權利。

C:\Users\kashi>python
Python 3.14.6 (tags/v3.14.6:c63aec6, Jun 10 2026, 10:26:10) [MSC v.1944 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> |
```

成功會出現的畫面

### 3. OpenSpec + Antigravity CLI

#### 1 安裝 OpenSpec

打開CMD, 輸入指令下載OpenSpec

```
npm install -g @fission-ai/openspec@latest
```

#### 2 安裝 Antigravity CLI

點擊此連結下載 Antigravity CLI (下載後請先登入設定好):

<https://antigravity.google/product/antigravity-cli>



### 3 初始化OpenSpec(記得先創一個新的資料夾!)

```
C:\Users\kashi>mkdir your_openspec_project 1.在電腦創一個新的資料夾
```

```
C:\Users\kashi>cd your_openspec_project 2.找到這個資料夾
```

```
C:\Users\kashi\your_openspec_project>openspec init 3.初始化
```

```
Welcome to OpenSpec
A lightweight spec-driven framework

++++
#####
#####
#####
++++
This setup will configure:
  • Agent Skills for AI tools
  • /opsx:* slash commands

Quick start after setup:
  /opsx:new      Create a change
  /opsx:continue Next artifact
  /opsx:apply    Implement tasks

Press Enter to select tools
```

成功會出現的畫面

按下Enter，程式就會在資料夾裡面幫你吧OpenSpec的基礎設定檔都建立好囉！

### 4 為這個專案設定Antigravity為輔助開發工具

```
C:\Users\kashi\Desktop\OpenSpec>openspec init
? Select tools to set up (30 available)
Selected: Antigravity
Search: [type to filter]
↑↓ navigate • Space toggle • Backspace remove • Enter confirm
  ○ Amazon Q Developer
  > ● Antigravity (selected)
  ○ Auggie (Augment CLI)
  ○ Bob Shell
  ○ Claude Code
```

✓ 點選antigravity

按下Enter並輸入

```
agy init
```

若是出現以下畫面就代表環境設置成功~

```
C:\Users\kashi\Desktop\OpenSpec>agy init
```



```
Antigravity CLI 1.0.16
kashin122@gmail.com (Google AI Pro)
Gemini 3.5 Flash (Medium)
~/Desktop/OpenSpec
```

確認有順利登入自己的帳號!