



ak系列 – Environment (Java JDK8)



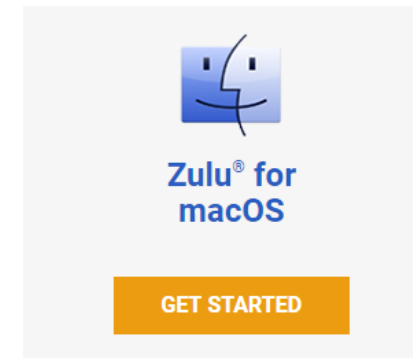
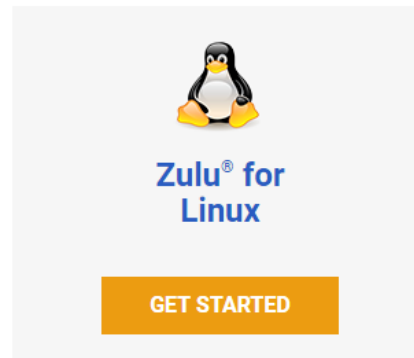
Install Java8 JDK

Step. 1 – Install OpenJDK



- Go to AZUL web site & base on O.S to download “OpenJDK 8”
 - Version: **8**
 - <https://www.azul.com/downloads/zulu/>

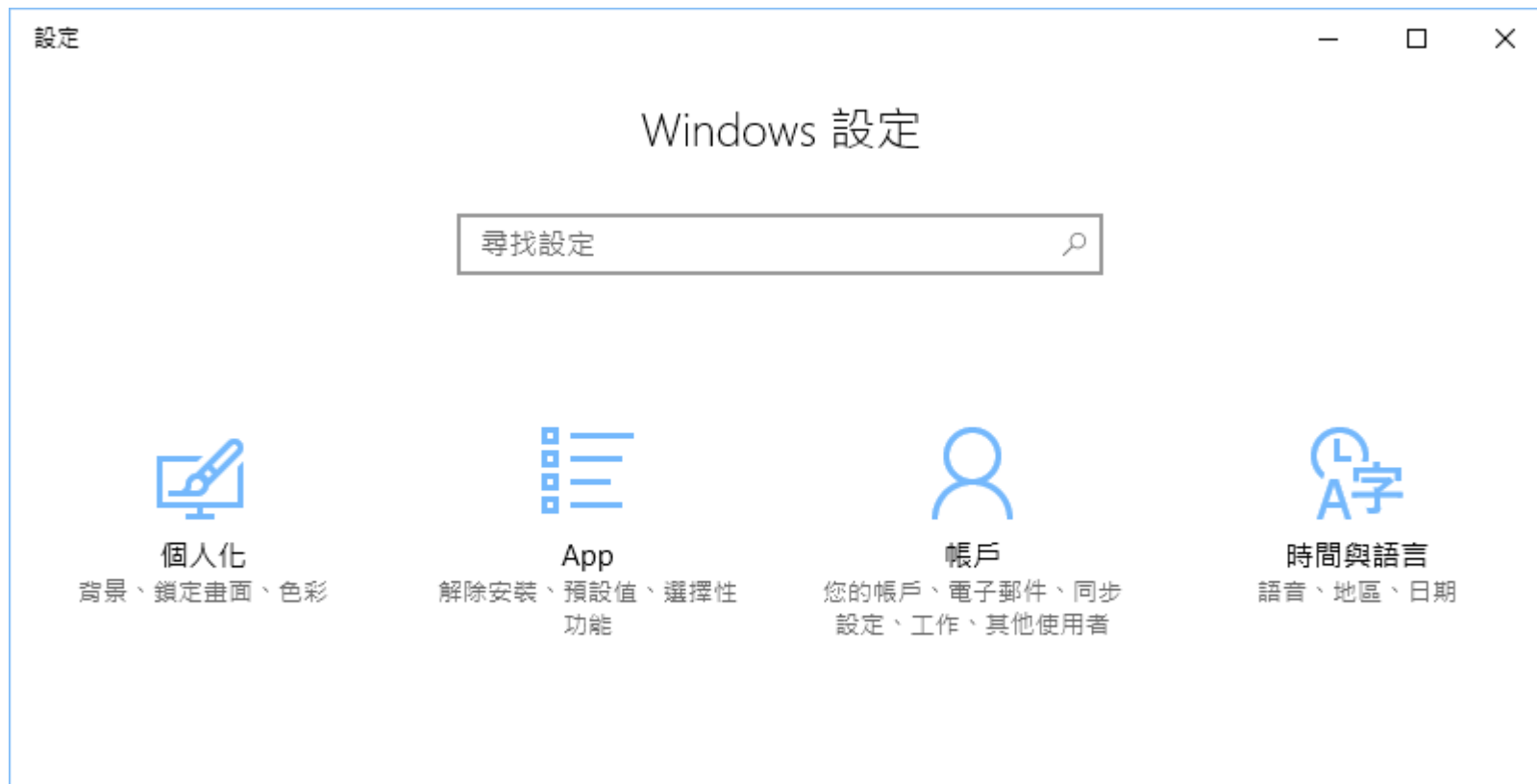
由於Kafka2.0已經不再support Java7, 因此一定要確認開發環境是 **Java 8**。



如何在Windows平台上安裝OpenJDK



Step 1. 打開Windows的設定



Step 2. 點選“應用程式與功能”

The screenshot shows the Windows Settings application, specifically the 'Apps & Features' section. The left sidebar contains navigation options: '首頁' (Home), '應用程式與功能' (Apps & Features), '預設應用程式' (Default apps), '離線地圖' (Offline maps), '適用於網站的 App' (Apps for websites), and '視訊播放' (Video playback). The '應用程式與功能' option is selected and highlighted in blue. The main content area is titled '應用程式與功能' and includes a sub-header '正在安裝應用程式' (Installing apps). Below this, there is a dropdown menu set to '允許來自各處的應用程式' (Allow apps from everywhere). The '應用程式與功能' section is further divided into '管理選用功能' (Manage optional features) and a search bar. The search bar contains the text 'java' and is highlighted with a red rectangle. A green dashed arrow points from a blue circle with the number '2' to the search bar. A green speech bubble with the text '鍵入“java”' (Type 'java') points to the search bar. Below the search bar, there are filters for '排序方式: 名稱' (Sort by: Name) and '篩選依據: 所有磁碟機' (Filter by: All drives). A yellow dashed box highlights the message '找不到任何可在這裡顯示的內容。請仔細檢查您的搜尋條件。' (No content found that can be displayed here. Please carefully check your search criteria.). A red speech bubble with the text '尚未安裝過 Java' (Java has not been installed yet) points to the search results area.

設定

首頁

尋找設定

App

應用程式與功能

預設應用程式

離線地圖

適用於網站的 App

視訊播放

應用程式與功能

正在安裝應用程式

選擇您可以從何處取得應用程式。僅安裝來自市集的應用程式有助於保護您的電腦並確保電腦運作順暢。

允許來自各處的應用程式

管理選用功能

依磁碟機搜尋、排序及篩選。若要解除安裝或移動應用程式，請從清單中選取該應用程式。

java

排序方式: 名稱 篩選依據: 所有磁碟機

找不到任何可在這裡顯示的內容。請仔細檢查您的搜尋條件。

鍵入“java”

2

尚未安裝過 Java

Step 3. 點選“應用程式與功能”



Step 4. 安裝"Azul版本的OpenJDK"

- <https://www.azul.com/downloads/zulu/zulu-windows/>
- <https://www.azul.com/products/zulu-and-zulu-enterprise/zulu-terms-of-use/>

如果沒有安裝過JDK8
或者想降低使用Oracle
Java可能的license問
題!

Archive

| Java Version | Platform | Version | OpenJDK™ Version | |
|--------------|----------|--|---|---|
| 8 | Server | 2016 2016-Nano 2012R2 2012 2008R2 64-bit x86 | 8u192 Checksum (MD5): 2a8ff91f97fda23045c9d0882c6993b6 JSE 8 Certificate | DOWNLOAD .ZIP |
| | Client | 10 8.1 8 7 64-bit x86 | Checksum (MD5): e5017fb5b959e935ab8d9e8b46c66fbd JSE 8 Certificate | DOWNLOAD .MSI |

鍵入下載
OpenJDK (8u163)

1

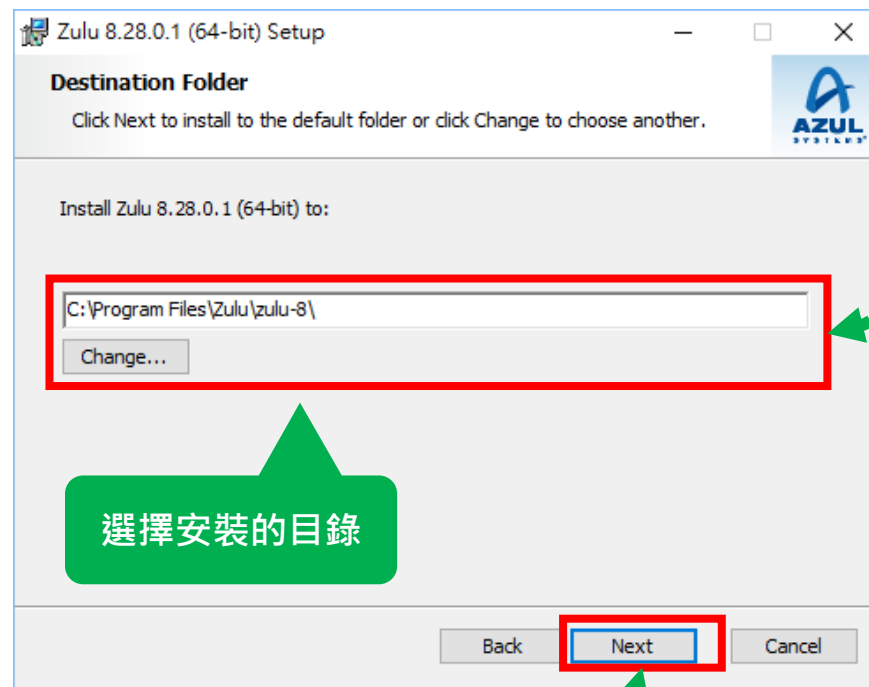
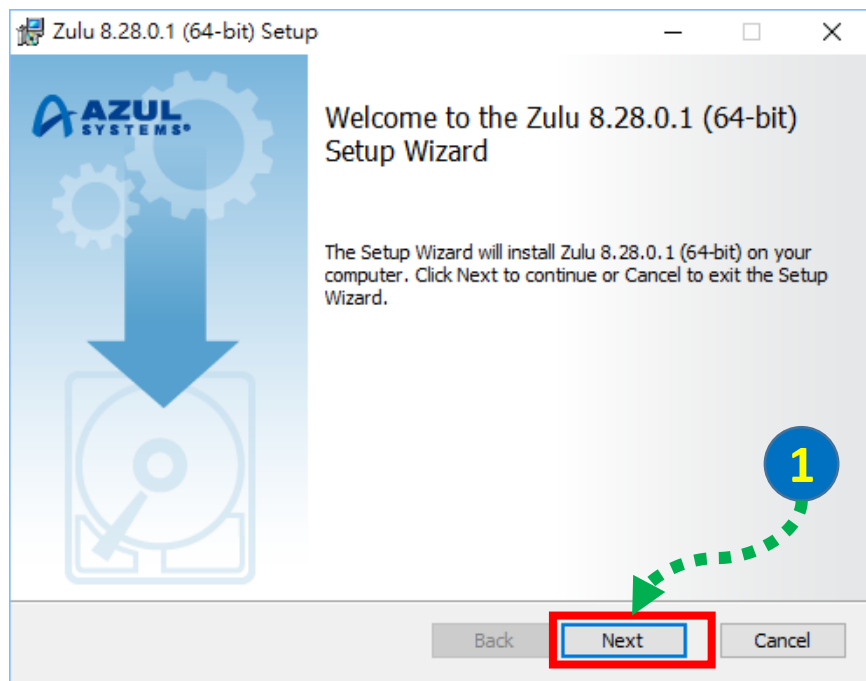
Zulu® Terms of Use

Thank you for your interest in Zulu or Zulu Embedded.

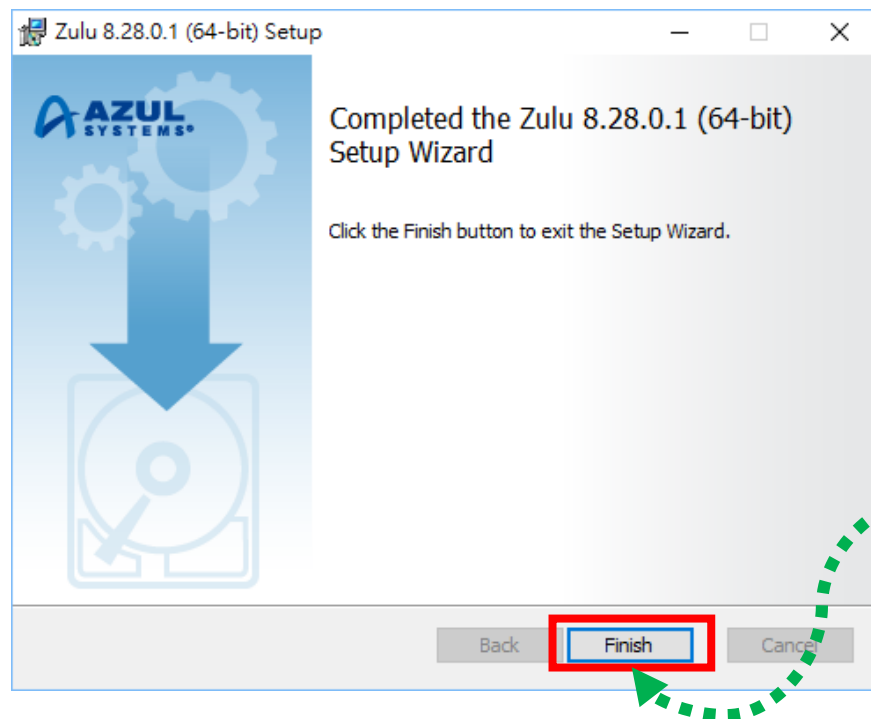
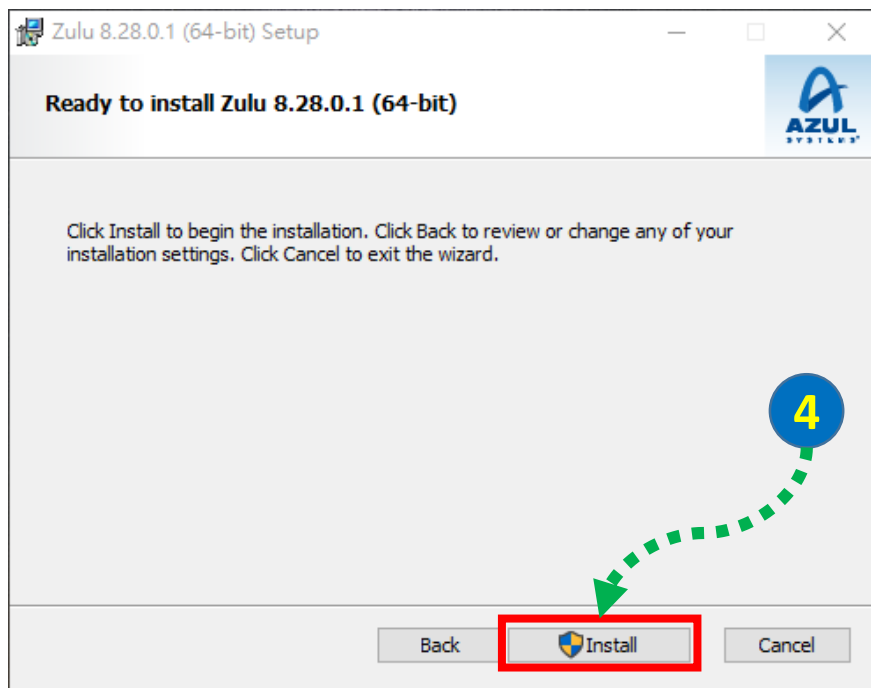
Zulu is copyrighted software based on OpenJDK (<http://openjdk.java.net/>) and is 100% open source. By downloading, installing, or otherwise using Zulu, you hereby agree as follows:

- Zulu is provided "AS IS" and without warranty of any kind, express or implied, including without limitation any warranty of merchantability, fitness for a particular purpose, or noninfringement, each of which are hereby expressly disclaimed. You acknowledge and agree that any use of Zulu is at your sole risk.
- Azul will not be liable to you (whether under contract, tort, strict liability, negligence, or any other legal or equitable theory) for (i) any indirect, incidental, consequential, special, punitive, or reliance damages relating to your download, use or installation of Zulu (including without limitation any loss of or damage to data or systems), or (ii) for any direct damages in excess of (in the aggregate) one hundred U.S. dollars (\$100). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.
- Azul is not obligated to provide you with any support for Zulu (unless you have entered into a separate written agreement for such support, in which case such separate agreement shall apply).
- You also represent and warrant that you do not intend to distribute the software in a manner that is not compliant with relevant export control laws or regulations administered by the U.S. Commerce Department, OFAC, or any other government agency.

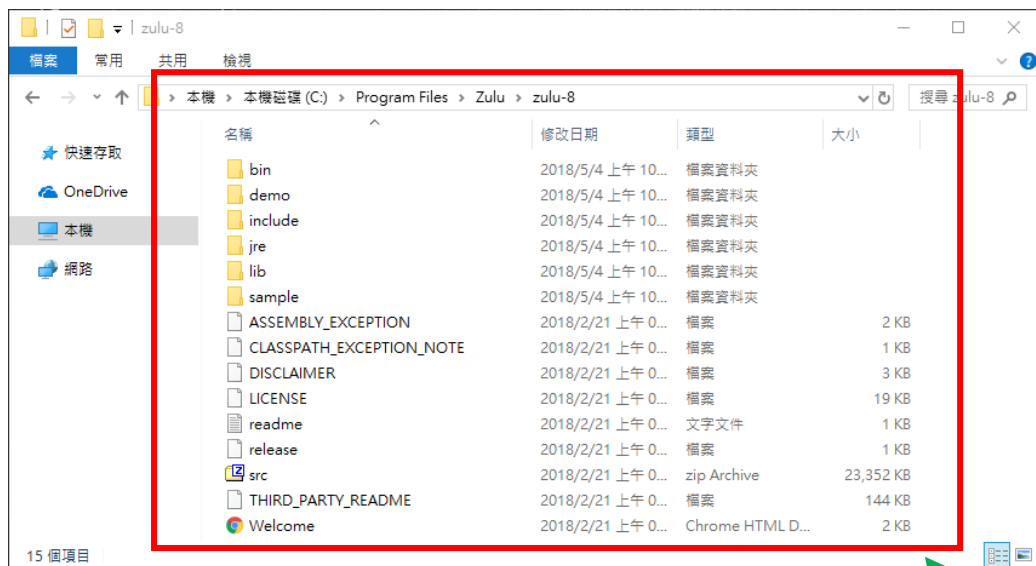
Step 5. 安裝“Azul版本的OpenJDK”



Step 6. 安裝“Azul版本的OpenJDK”



Step 7. OpenJDK 安裝完成確認



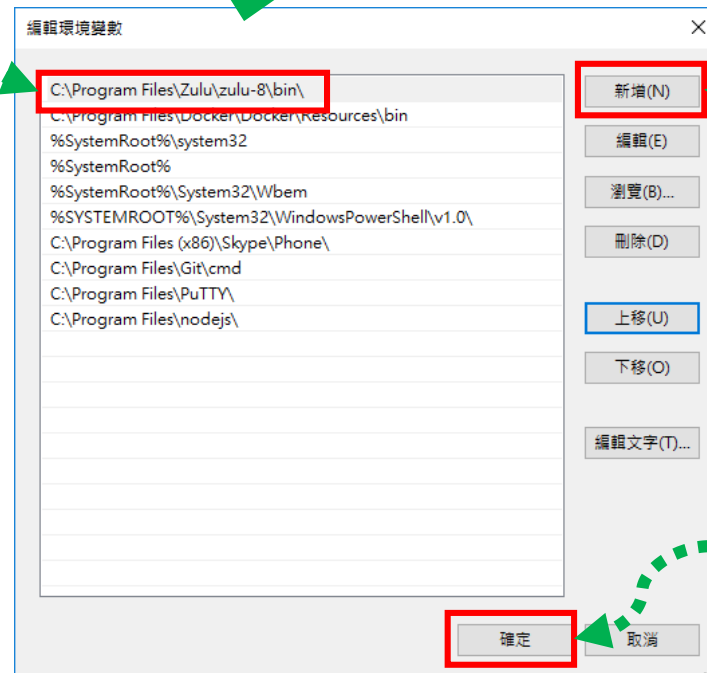
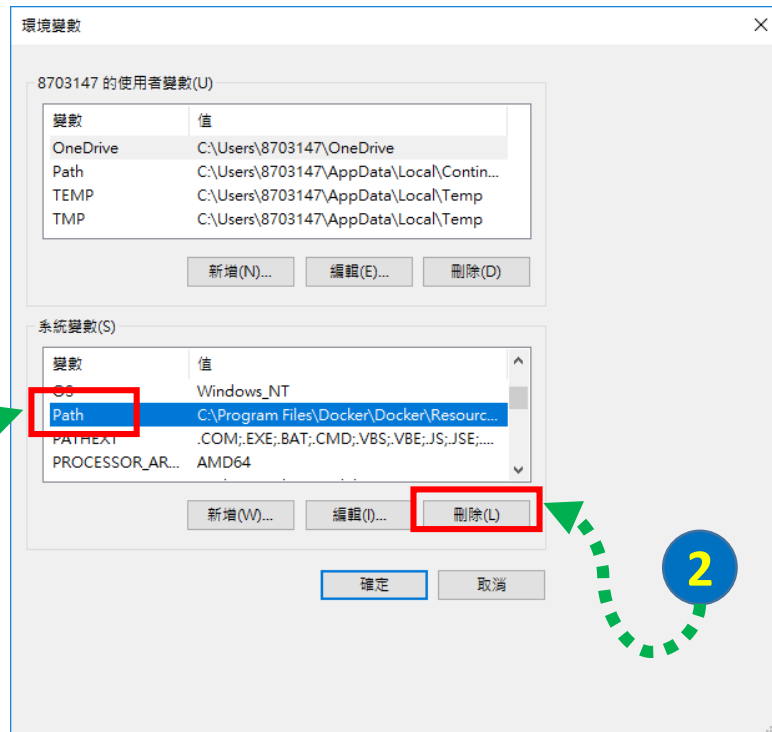
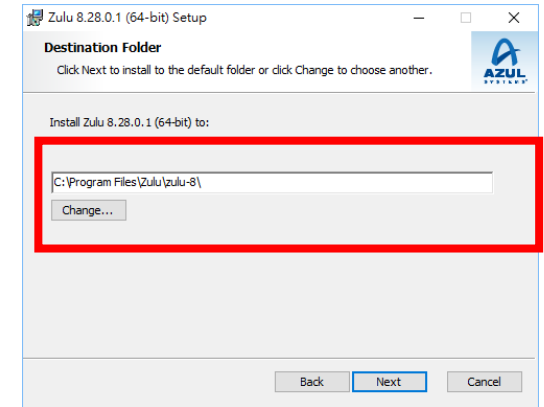
打開一個Command的
terminal, 然後鍵入:
Java -version

```
> java -version
openjdk version "1.8.0_163"
OpenJDK Runtime Environment (Zulu 8.28.0.1-win64) (build 1.8.0_163-b01)
OpenJDK 64-Bit Server VM (Zulu 8.28.0.1-win64) (build 25.163-b01, mixed mode)
```

看到openjdk version
"1.8.0_163"即代表
openjdk安裝成功

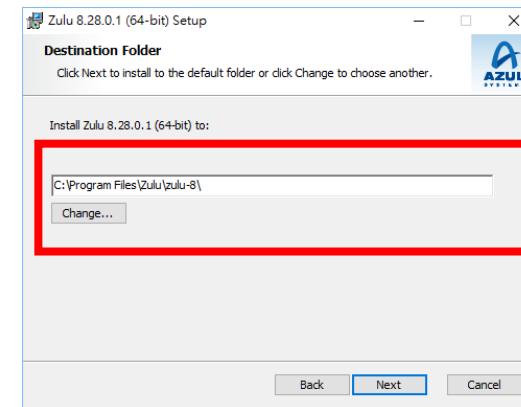
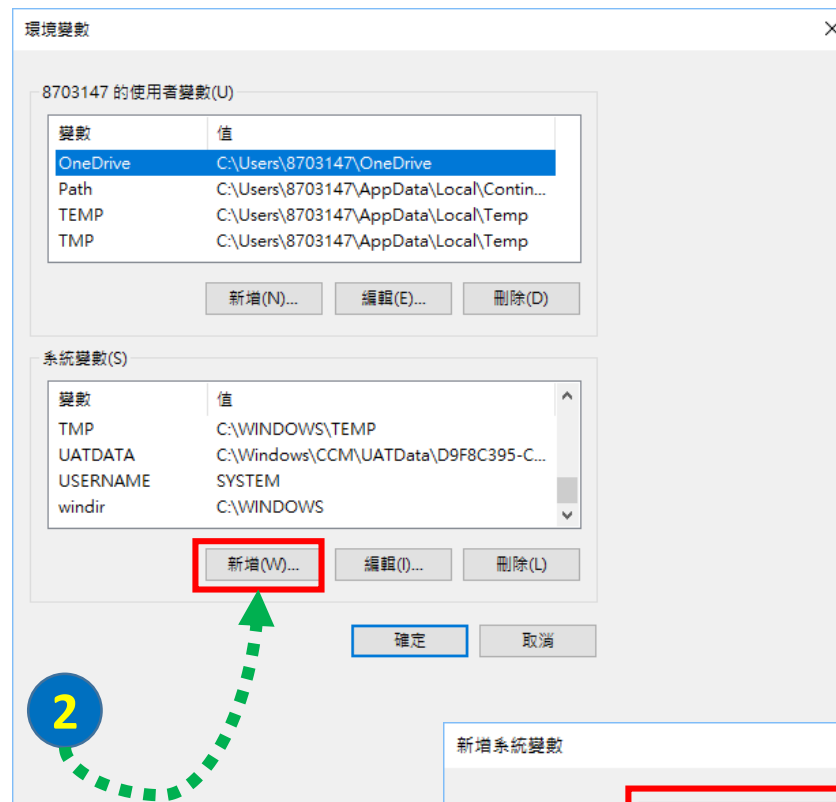
在安裝目錄裡會看到
zulu-8的JDK相關檔案

Step 8. 設定環境變數

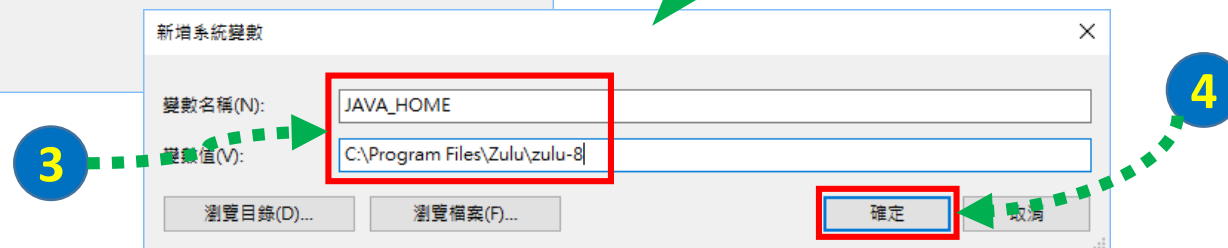


把JDK的bin路徑加到"Path"的環境變數中, 並提升在前面

Step 9. 設定環境變數



設定"JAVA_HOME"的值
指向Step6所安裝的目錄



Step 10.重新啟動電腦

- 重啟後所有的Java相關程式或IDE不需要重新設定即可繼續運行
- 有些IDE會指定JDK安裝路徑→ 重新指向OpenJDK的路徑即可



如何在Mac OS平台上安裝OpenJDK



Step. 1 – Install OpenJDK

- Go to AZUL web site & base on O.S to download “OpenJDK 8”
 - Version: **8**
 - <https://www.azul.com/downloads/zulu/>

The screenshot shows the Azul Zulu download page. The 'Zulu® for macOS' section is highlighted with a red box. Below it, the macOS version selection table is shown, with the '8' version and '.DMG' download option highlighted with a red box.

| Version | Architecture | Checksum (MD5) | Download |
|-------------------|--------------|---|---|
| 8 | MacOS | 9d51846273d68a27cccf5e91afe725f5 JSE 8 Certificate | DOWNLOAD .ZIP |
| 10.13 High Sierra | 8u181 | 5b90a2782a3c60d4a87e9c51762b8495 JSE 8 Certificate | DOWNLOAD .DMG |
| 10.12 Sierra | | | |
| 10.11 El Capitan | | | |
| 10.10 Yosemite | | | |

如何在Ubuntu平台上安裝OpenJDK



Step. 1 – Install OpenJDK

- Open a terminal and type in below command

```
$ sudo apt install openjdk-8-jdk
```

- Verify OpenJDK 8 installed properly

```
$ java -version
```

```
openjdk version "1.8.0_181"
```

