

【SDKMAN】安裝管理JAVA

來源: <https://blog.miniasp.com/post/2022/09/17/Useful-tool-SDKMAN>

透過 SDKMAN 安裝JAVA

```
#安裝 SDKMAN
curl -s "https://get.sdkman.io" | bash
#首次手動載入 SDKMAN 工具 (預設安裝過程已經設定好 ~/.bashrc 啟動定義檔)
source ~/.bashrc
#檢查 SDKMAN 版本
sdk version
```

安裝 OpenJDK 17

```
#先列出所有 SDKMAN 中支援的 Java 版本
sdk ls java
```

Available Java Versions for macOS 64bit

Vendor	Use	Version	Dist	Status	Identifier
Corretto		20.0.2	amzn		20.0.2-amzn
		20.0.1	amzn		20.0.1-amzn
		17.0.8	amzn		17.0.8-amzn
		17.0.7	amzn		17.0.7-amzn
		11.0.20	amzn		11.0.20-amzn
		11.0.19	amzn		11.0.19-amzn
		8.0.382	amzn		8.0.382-amzn
		8.0.372	amzn		8.0.372-amzn
Gluon		22.1.0.1.r17	gln		22.1.0.1.r17-gln
		22.1.0.1.r11	gln		22.1.0.1.r11-gln
		22.0.0.3.r17	gln		22.0.0.3.r17-gln
		22.0.0.3.r11	gln		22.0.0.3.r11-gln
GraalVM CE		20.0.2	graalce		20.0.2-graalce
		20.0.1	graalce		20.0.1-graalce
		17.0.8	graalce		17.0.8-graalce
		17.0.7	graalce		17.0.7-graalce
GraalVM Oracle		20.0.2	graal		20.0.2-graal
		20.0.1	graal		20.0.1-graal
		17.0.8	graal		17.0.8-graal
		17.0.7	graal		17.0.7-graal
Java.net		22.ea.9	open		22.ea.9-open
		22.ea.8	open		22.ea.8-open
		22.ea.7	open		22.ea.7-open
		22.ea.6	open		22.ea.6-open
		22.ea.5	open		22.ea.5-open
		22.ea.4	open		22.ea.4-open
		22.ea.3	open		22.ea.3-open
		21.ea.34	open		21.ea.34-open
		21.ea.33	open		21.ea.33-open
		21.ea.32	open		21.ea.32-open
		21.ea.31	open		21.ea.31-open
		21.ea.30	open		21.ea.30-open
		21.ea.29	open		21.ea.29-open
		21.ea.28	open		21.ea.28-open
		20.0.2	open		20.0.2-open
		19.ea.1.pma	open		19.ea.1.pma-open
JetBrains		17.0.7	jbr		17.0.7-jbr
		11.0.14.1	jbr		11.0.14.1-jbr

Omit Identifier to install default version 17.0.8-tem:

```
$ sdk install java
```

Use TAB completion to discover available versions

```
$ sdk install java [TAB]
Or install a specific version by Identifier:
$ sdk install java 17.0.8-tem
Hit Q to exit this list view
=====
```

安裝 JetBranins 17.0.7

```
sdk install java 17.0.7-jbr
```

透過 SDKMAN 管理多個 JDK 版本

```
#先安裝 11.0.14.1-jbr 版本
sdk install java 11.0.14.1-jbr

#####

Downloading: java 11.0.14.1-jbr

In progress...

#####
100.0%#####
100.0%

Repackaging Java 11.0.14.1-jbr...

Done repackaging...
Cleaning up residual files...

Installing: java 11.0.14.1-jbr
Done installing!
#選 n 不要變成預設版本
Do you want java 11.0.14.1-jbr to be set as default? (Y/n): n
```

```
#在目前shell 切換版本
sdk use java 11.0.14.1-jbr

#如果要設為預設版本
sdk default java 11.0.14.1-jbr

#確認版本可以透過 sdk current java 或 java -version 確認版本
```

透過 SDKMAN 管理更新、升級、移除

```
#查看是否有更新版本
sdk update

#升級版本
sdk upgrade

# 移除特定版本
# 記得將預設版本切換到現有版本
sdk default java 17.0.4.1-ms
sdk uninstall java 8.0.345-zulu
```

更新 SDKMAN 到最新版

```
sdk selfupdate
```

快速安裝springboot

```
curl -s "https://get.sdkman.io" | bash
source ~/.bashrc

sdk install java 17.0.4.1-ms
sdk install maven
sdk install springboot
```

🕒 修訂版本 #5

★ 由 treeman 建立於 7 🏆 2023 17:58:06

✎ 由 treeman 更新於 7 🏆 2023 18:51:30