

檢查清單

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- ☐ JBoss Devstudio 安裝與設定
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各軟體安裝步驟

1.Java SDK 1.8 安裝

a.下載JAVA SDK 而非 JRE，下載網

址：<http://www.oracle.com/technetwork/java/javase/downloads/index.html>。

These releases includes important security fixes. Oracle strongly recommends that all Java SE 7 users upgrade to one of these releases. Learn more ▶	
<ul style="list-style-type: none">▪ Installation Instructions▪ Release Notes▪ Oracle License▪ Java SE Products▪ Third Party Licenses▪ Certified System Configurations▪ Readme Files<ul style="list-style-type: none">▪ JDK Readme▪ JRE Readme	JDK DOWNLOAD ↓
	Server JRE DOWNLOAD ↓
	JRE DOWNLOAD ↓
Early Access Releases Early access versions of future releases of the JDK and the JRE are available for testing. These early access releases include future update and future major releases. These releases are licensed only for testing, not for use in production.	DOWNLOAD ↓

b.根據作業系統來選擇，windows則是根據64或是32來選擇對應的版本。

Java SE Development Kit 8 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- [Java Developer Newsletter](#): From your Oracle account, select **Subscriptions**, expand **Technology**, and subscribe to **Java**.
- [Java Developer Day hands-on workshops \(free\) and other events](#)
- [Java Magazine](#)

JDK 8u101 [Checksum](#)

JDK 8u102 [Checksum](#)

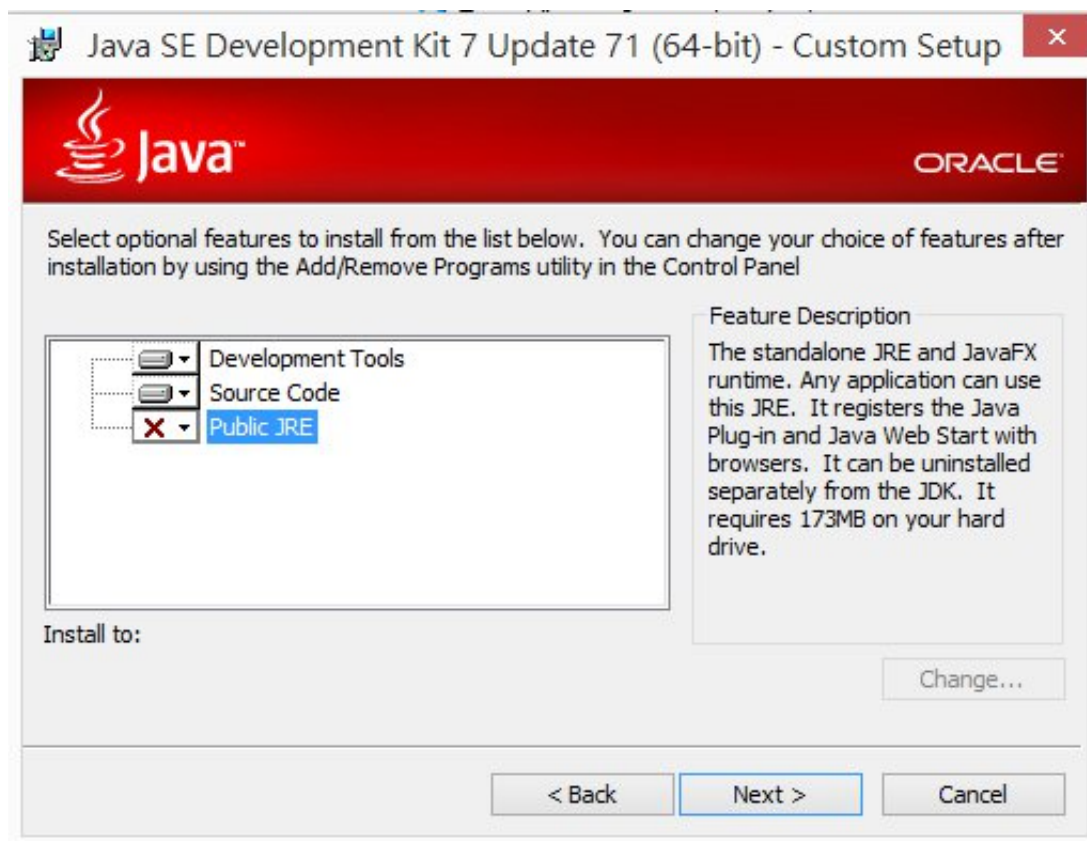
Java SE Development Kit 8u101

You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

☐ Accept License Agreement ☒ Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.77 MB	jdk-8u101-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.72 MB	jdk-8u101-linux-arm64-vfp-hflt.tar.gz
Linux x86	160.28 MB	jdk-8u101-linux-i586.rpm
Linux x86	174.96 MB	jdk-8u101-linux-i586.tar.gz
Linux x64	158.27 MB	jdk-8u101-linux-x64.rpm
Linux x64	172.95 MB	jdk-8u101-linux-x64.tar.gz
Mac OS X	227.36 MB	jdk-8u101-macosx-x64.dmg
Solaris SPARC 64-bit	139.66 MB	jdk-8u101-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	98.96 MB	jdk-8u101-solaris-sparcv9.tar.gz
Solaris x64	140.33 MB	jdk-8u101-solaris-x64.tar.Z
Solaris x64	96.78 MB	jdk-8u101-solaris-x64.tar.gz
Windows x86	188.32 MB	jdk-8u101-windows-i586.exe
Windows x64	193.68 MB	jdk-8u101-windows-x64.exe

c. 安裝的時候不要安裝Public JRE，已免影響到現有系統上的Java環境。




2.JBoss EAP 7 安裝與設定

a..下載ZIP File 而非 Installer，下載網址

<http://developers.redhat.com/products/eap/download/>。

Download JBoss EAP for Development Use

To download JBoss EAP you must have an account and accept the terms and conditions of the [Red Hat Developer Program](#) which provides no-cost subscriptions for development use only.

 **DOWNLOAD**

Enterprise Application Platform 7.0.0

ALL DOWNLOADS

Version	Release Date	Description	Download
7.0.0	2016-05-10	Application Platform	Installer (176 MB) ZIP File (156 MB)
		Maven Repository	Maven Repository (258 MB)
		Quickstarts	Quickstarts (13 MB)
		Javadoc	Javadoc (139 MB)
		Source Code	Source Code (21 MB)

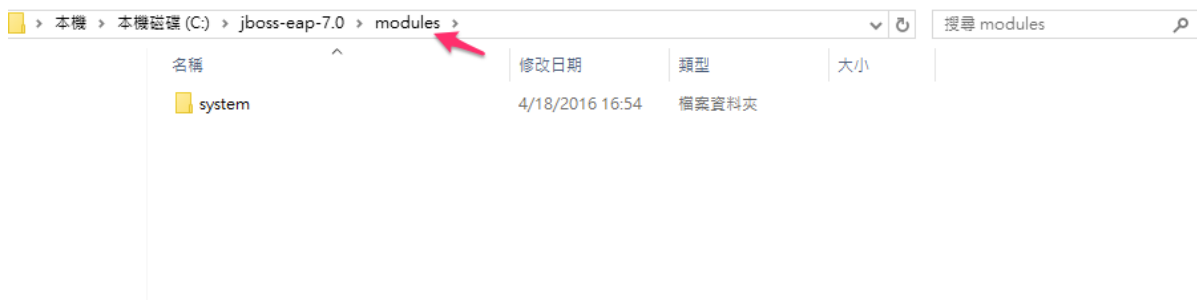
[View Older Downloads](#) ▾

b.解壓縮後放置在任意槽的根目錄下，建議是D槽。




c.將Jboss EAP需要的資料庫連線驅動程式與資料庫連線配置拷貝至剛剛解壓縮出來的 jboss-eap-7.0目錄下。

共用H槽下有 com 目錄(裡面是DB2, AS400, EDB的jdbc驅動程式)，請拷貝到下面的目錄：



共用H槽下有 standalone.xml 檔案(裡面已經將 DB2, AS400, EDB的jdbc驅動程式載入，並配置好了各自的資料庫連線設定)，請拷貝到下面的目錄，請先將原有目錄下的 standalone.xml 備份：

本機磁碟 (C:) > jboss-eap-7.0 > standalone > configuration					▼	🔄	搜尋 configuration
名稱	修改日期	類型	大小				
📄 application-roles.properties	4/18/2016 16:54	PROPERTIES 檔案	1 KB				
📄 application-users.properties	4/18/2016 16:54	PROPERTIES 檔案	1 KB				
📄 logging.properties	4/18/2016 16:54	PROPERTIES 檔案	3 KB				
📄 mgmt-groups.properties	4/18/2016 16:54	PROPERTIES 檔案	1 KB				
📄 mgmt-users.properties	4/18/2016 16:54	PROPERTIES 檔案	2 KB				
📄 standalone.xml 	4/18/2016 16:54	XML Document	21 KB				
📄 standalone-full.xml	4/18/2016 16:54	XML Document	24 KB				
📄 standalone-full-ha.xml	4/18/2016 16:54	XML Document	27 KB				
📄 standalone-ha.xml	4/18/2016 16:54	XML Document	24 KB				

d.只需要於jboss-eap-7.0目錄下的bin目錄下鍵入下面指令，就可以啟動JBoss EAP，記得使用命令列工具：

磁碟 (C:) > jboss-eap-7.0 > bin >					搜尋 bir
名稱	修改日期	類型	大小		
domain.bat	4/18/2016 16:54	Windows 批次檔案	6 KB		
domain.conf	4/18/2016 16:54	CONF 檔案	3 KB		
domain.conf.bat	4/18/2016 16:54	Windows 批次檔案	4 KB		
domain.conf.ps1	4/18/2016 16:54	Windows PowerS...	3 KB		
domain.ps1	4/18/2016 16:54	Windows PowerS...	3 KB		
domain.sh	4/18/2016 16:54	SH 檔案	11 KB		
jboss-cli.bat	4/18/2016 16:54	Windows 批次檔案	3 KB		
jboss-cli.ps1	4/18/2016 16:54	Windows PowerS...	1 KB		
jboss-cli.sh	4/18/2016 16:54	SH 檔案	3 KB		
jboss-cli.xml	4/18/2016 16:54	XML Document	2 KB		
jboss-cli-logging.properties	4/18/2016 16:54	PROPERTIES 檔案	2 KB		
jconsole.bat	4/18/2016 16:54	Windows 批次檔案	2 KB		
jconsole.ps1	4/18/2016 16:54	Windows PowerS...	1 KB		
jconsole.sh	4/18/2016 16:54	SH 檔案	3 KB		
jdr.bat	4/18/2016 16:54	Windows 批次檔案	2 KB		
jdr.ps1	4/18/2016 16:54	Windows PowerS...	1 KB		
jdr.sh	4/18/2016 16:54	SH 檔案	2 KB		
launcher.jar	4/18/2016 16:54	JAR 檔案	45 KB		
product.conf	4/18/2016 16:54	CONF 檔案	1 KB		
service.bat	4/18/2016 16:54	Windows 批次檔案	17 KB		
standalone.bat	4/18/2016 16:54	Windows 批次檔案	9 KB		
standalone.conf	4/18/2016 16:54	CONF 檔案	3 KB		
standalone.conf.bat	4/18/2016 16:54	Windows 批次檔案	3 KB		
standalone.conf.ps1	4/18/2016 16:54	Windows PowerS...	3 KB		
standalone.ps1	4/18/2016 16:54	Windows PowerS...	2 KB		
standalone.sh	4/18/2016 16:54	SH 檔案	12 KB		
vault.bat	4/18/2016 16:54	Windows 批次檔案	2 KB		
vault.ps1	4/18/2016 16:54	Windows PowerS...	1 KB		

standalone.bat

啟動過程都正常時，可以透過 <http://localhost:9990/> 此網址連進JBoss EAP的網頁管理畫面，對剛剛配置好的資料庫連線進行驗證：

3.Maven 3.3.9 安裝與設定

a..下載Maven 3.3.9，下載網址 <https://maven.apache.org/download.cgi>。

Downloading Apache Maven 3.3.9

Apache Maven 3.3.9 is the latest release and recommended version for all users.

The currently selected download mirror is <http://ftp.mirror.tw/pub/apache/>. If you encounter a problem with this mirror, please select another mirror. If all mirrors are failing, there are *backup* mirrors (at the end of the mirrors list) that should be available. You may also consult the [complete list of mirrors](#).

Other mirrors:

System Requirements

Java Development Kit (JDK)	Maven 3.3 requires JDK 1.7 or above to execute - it still allows you to build against 1.3 and other JDK versions by Using Toolchains
Memory	No minimum requirement
Disk	Approximately 10MB is required for the Maven installation itself. In addition to that, additional disk space will be used for your local Maven repository. The size of your local repository will vary depending on usage but expect at least 500MB.
Operating System	No minimum requirement. Start up scripts are included as shell scripts and Windows batch files.

Files

Maven is distributed in several formats for your convenience. Simply pick a ready-made binary distribution archive and follow the [installation instructions](#). Use a source archive if you intend to build Maven yourself.

In order to guard against corrupted downloads/installations, it is highly recommended to [verify the signature](#) of the release bundles against the public [KEYS](#) used by the Apache Maven developers.

	Link	Checksum	Signature
Binary tar.gz archive	apache-maven-3.3.9-bin.tar.gz	apache-maven-3.3.9-bin.tar.gz.md5	apache-maven-3.3.9-bin.tar.gz.asc
Binary zip archive	apache-maven-3.3.9-bin.zip	apache-maven-3.3.9-bin.zip.md5	apache-maven-3.3.9-bin.zip.asc
Source tar.gz archive	apache-maven-3.3.9-src.tar.gz	apache-maven-3.3.9-src.tar.gz.md5	apache-maven-3.3.9-src.tar.gz.asc

b.解壓縮後放置在任意槽的根目錄下，建議是D槽。

本機磁碟 (C:) > apache-maven-3.3.9 >					搜尋 apache-n
名稱	修改日期	類型	大小		
bin	9/27/2016 20:41	檔案資料夾			
boot	9/27/2016 20:41	檔案資料夾			
conf	11/11/2015 00:38	檔案資料夾			
lib	11/11/2015 00:44	檔案資料夾			
LICENSE	11/11/2015 00:44	檔案	19 KB		
NOTICE	11/11/2015 00:44	檔案	1 KB		
README.txt	11/11/2015 00:38	文字文件	3 KB		

c.共用H槽下有 settings.xml.new (裡面是配置好，指向內部私有的Nexus Server與本地Maven庫的路徑)，請拷貝到下面的目錄，先備份原有的settings.xml 後再將 settings.xml.new 改名為 settings.xml：

磁碟 (C:) > apache-maven-3.3.9 > conf >

名稱	修改日期	類型	大小
logging	11/11/2015 00:38	檔案資料夾	
settings.xml	11/11/2015 00:38	XML Document	10 KB
toolchains.xml	11/11/2015 00:38	XML Document	4 KB

4.JBoss Devstudio 安裝與設定

a..下載Boss Developer Studio 10.1.0，下載網址

<http://developers.redhat.com/products/devstudio/download/>。

RED HAT JBOSS DEVELOPER STUDIO

A development environment with superior support for your entire development lifecycle.

OVERVIEW ▶

GET STARTED ▶

DOCS AND APIS ▶

LEARN ▶

COMMUNITY ▶

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BUZZ ▶

HELP ▶

Download JBoss Developer Studio for Development Use

To download JBoss Developer Studio you must have an account and accept the terms and conditions of the [Red Hat Developer Program](#) which provides no-cost subscriptions for development use only.

[Download](#)

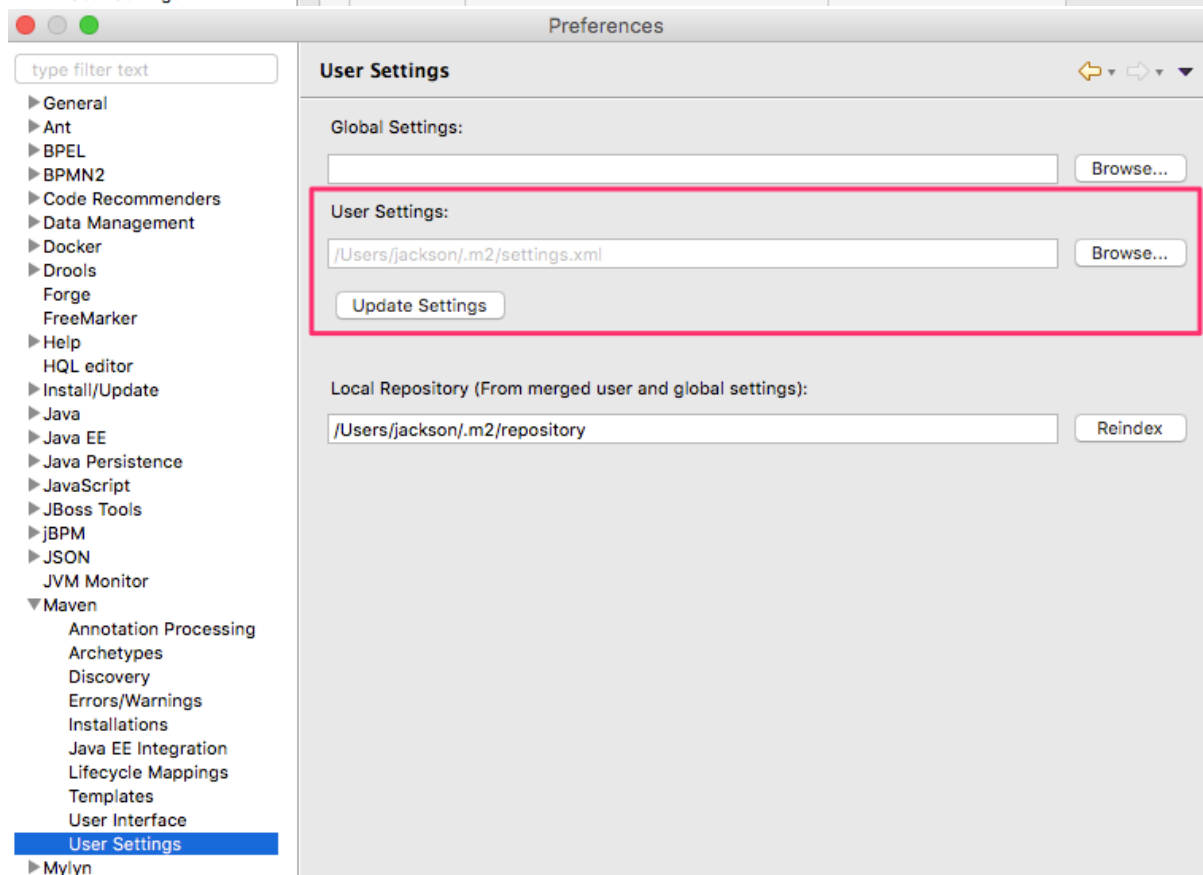
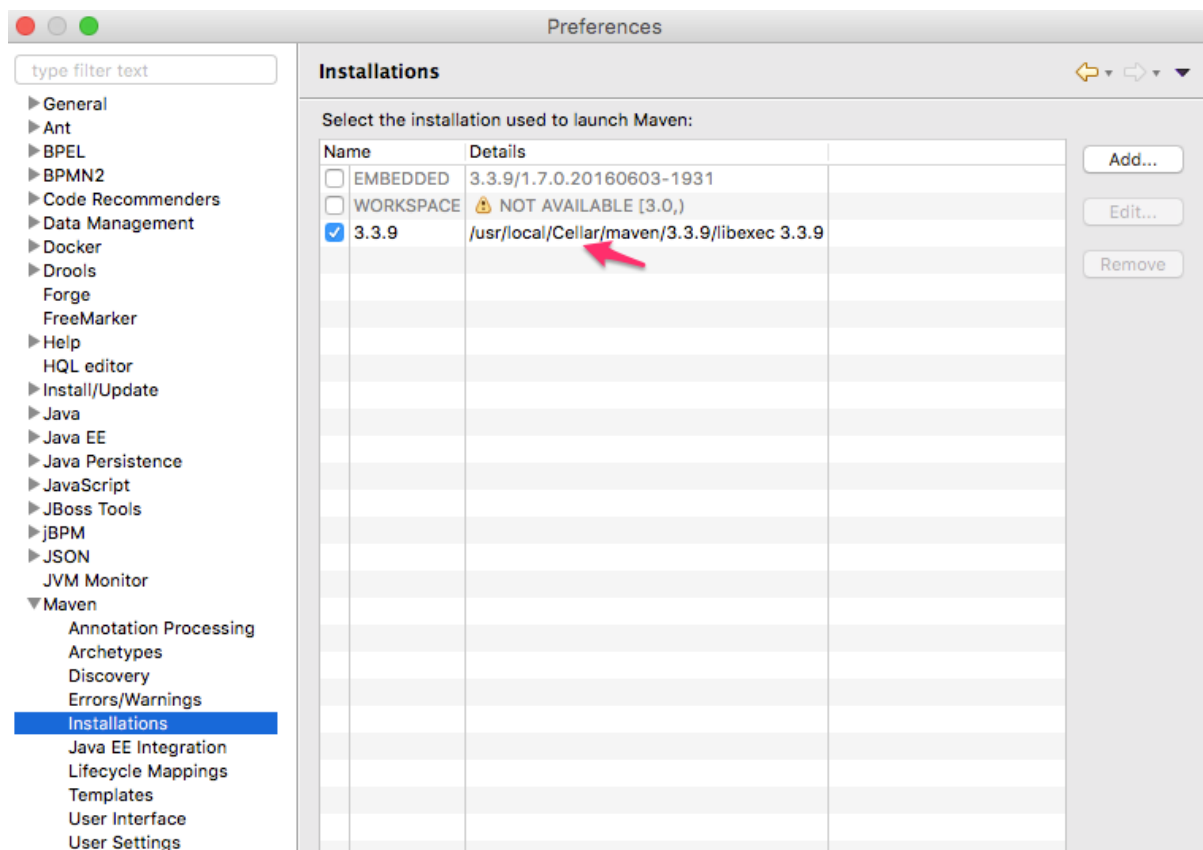
JBoss Developer Studio 10.1.0

Version	Release Date	Description	Download
10.1.0	2016-09-14	Installer	Stand-Alone (536 MB) With EAP (692 MB)
		JBoss Central Zip	JBoss Central Zip (157 MB)
		Update Site Zip	Update Site Zip (558 MB)
		Source Code	Source Code (223 MB) on GitHub

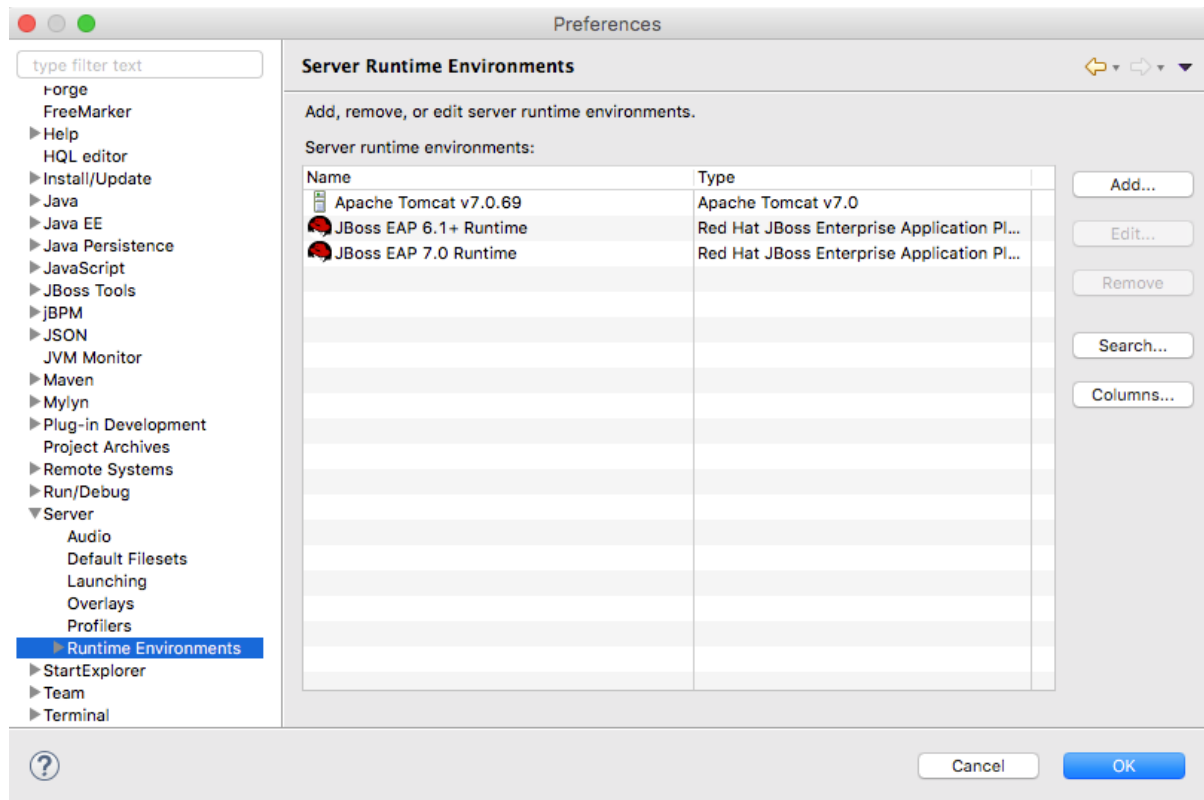
[View Older Downloads](#)

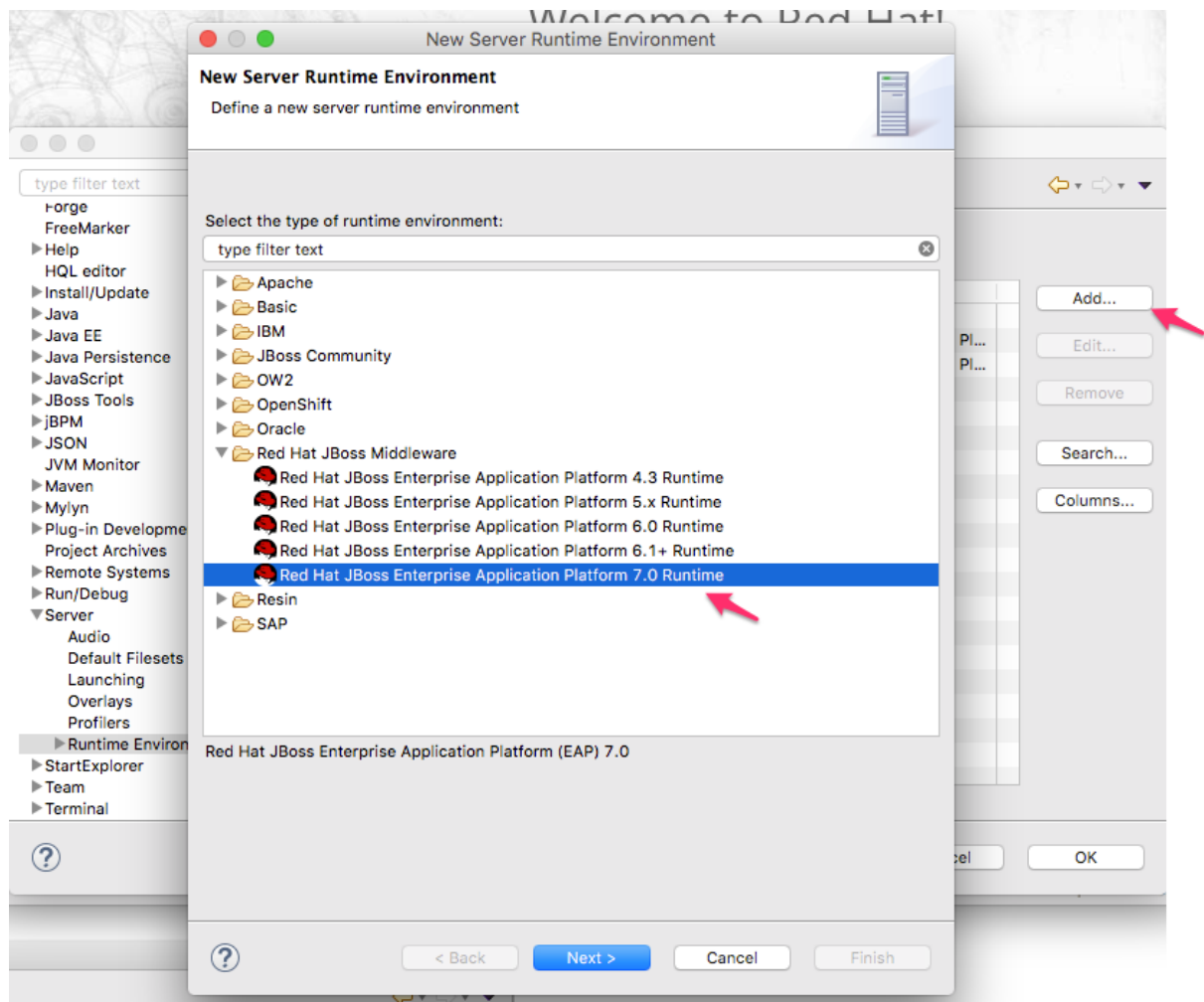
b.下載後，執行安裝即可。

c.調整IDE內的Maven配置，指向前述所安裝的Maven路徑，並更改setting讀取的位置，指向前述更換後的setting.xml (記得按下 Update Setting，並重開IDE 確保讀取新的設定檔)。

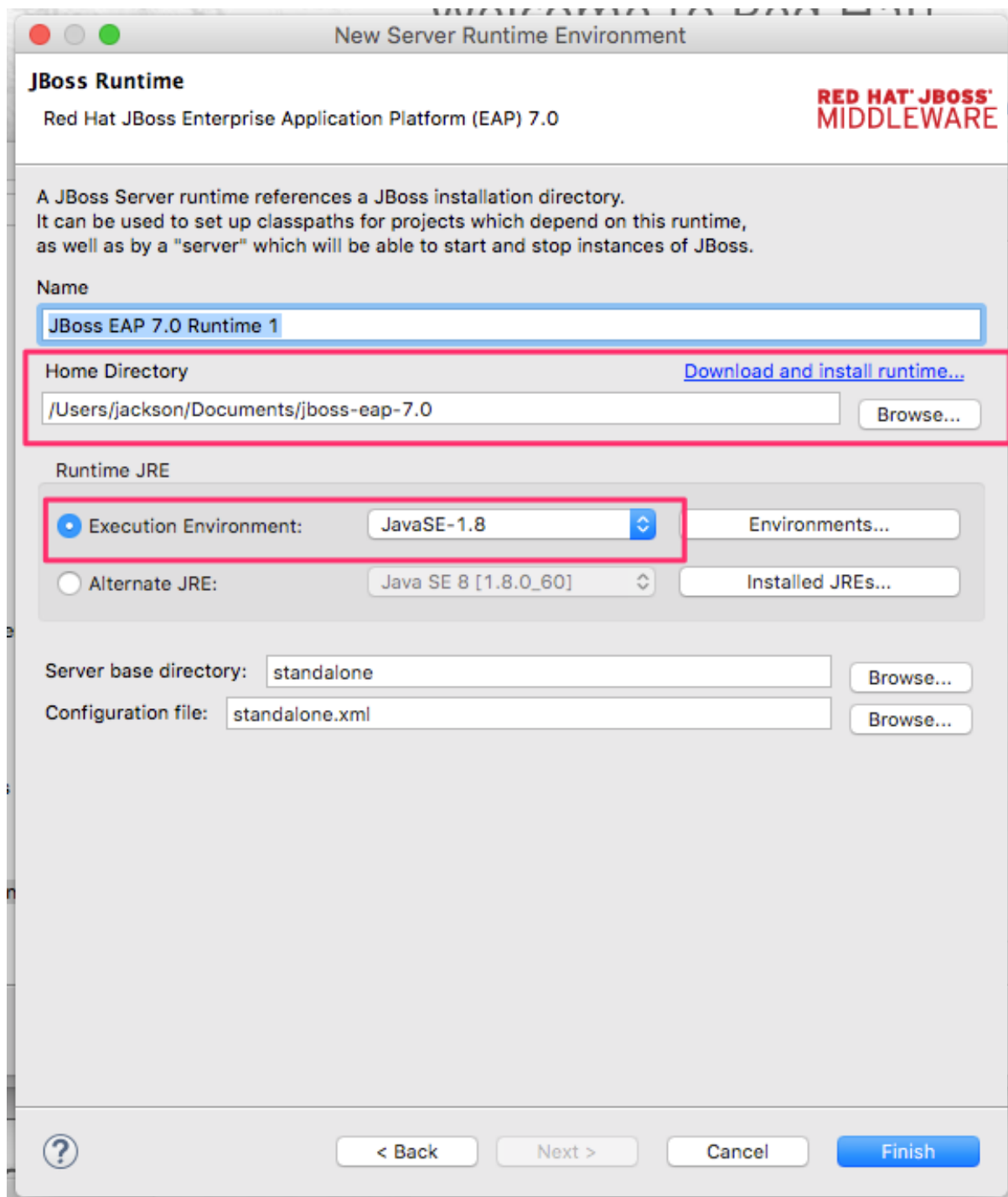


d.在IDE中安装新的JBoss EAP 7 Server Runtime Environments。

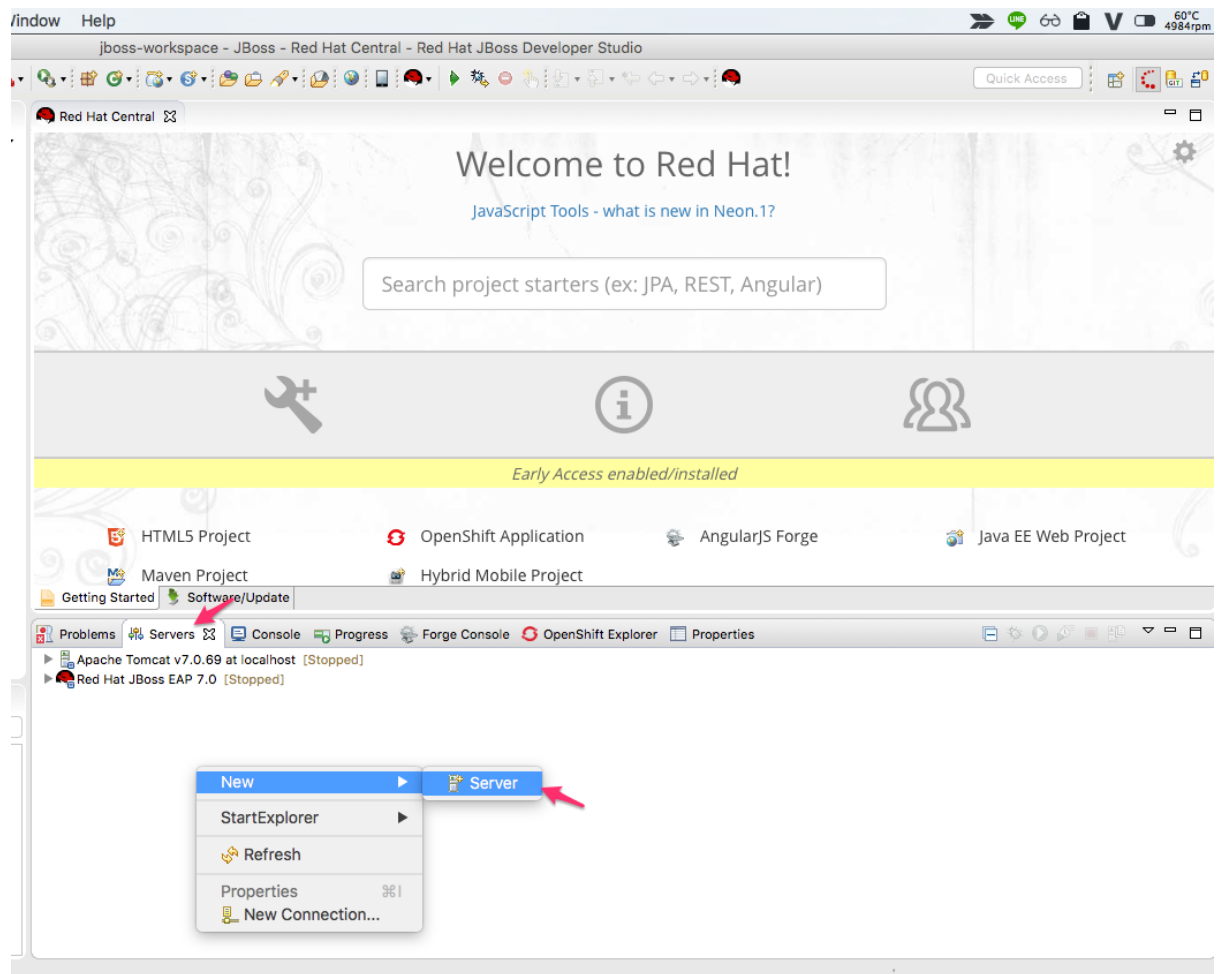


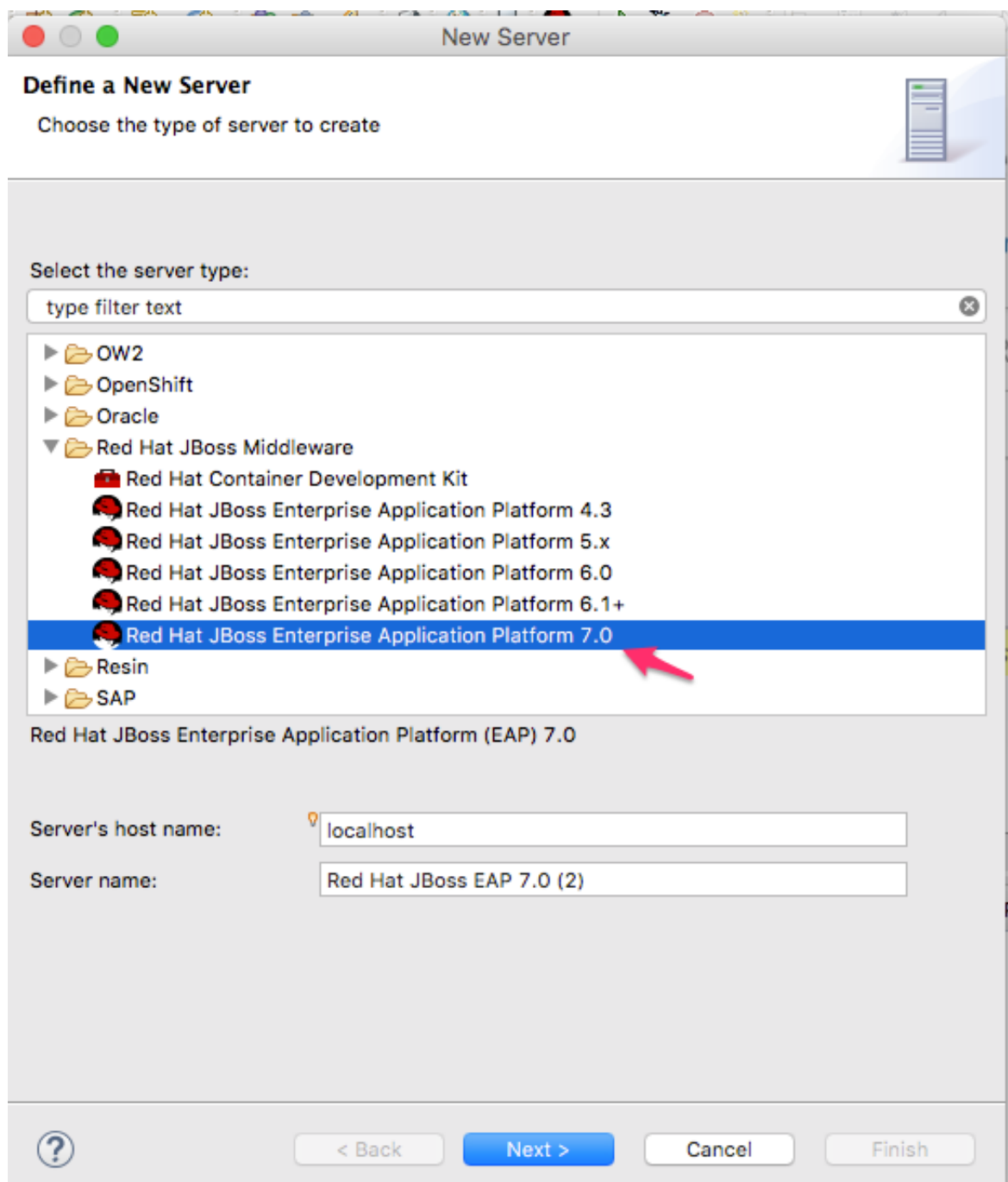


挑選 Home Directory時，請指到前述解壓縮的jboss-eap-7.0的目錄，並在設定Runtime JRE時使用JavaSE-1.8。



d. 建立一個可佈署的Server。





請參照下面畫面，都用預設的值即可，然後按下Finish。

New Server

Create a new Server Adapter

Red Hat JBoss Enterprise Application Platform (EAP) 7.0

RED HAT JBOSS MIDDLEWARE

A Server Adapter manages starting and stopping instances of your server. It manages command line arguments and keeps track of which modules have been deployed.

The server is:

☒ Local

☐ Remote

Controlled by:

☒ Filesystem and shell operations

☐ Management Operations

☐ Server lifecycle is externally managed.

The selected profile requires a runtime.

☒ Assign a runtime to this server

JBoss EAP 7.0 Runtime

Runtime Details

JRE:

/Library/Java/JavaVirtualMachines/jdk1.8.0_60.jdk/Contents/Home

Home Directory:

/Users/jackson/Documents/jboss-eap-7.0

Base Directory:

standalone

Configuration File:

standalone.xml

?

< Back

Next >

Cancel

Finish