

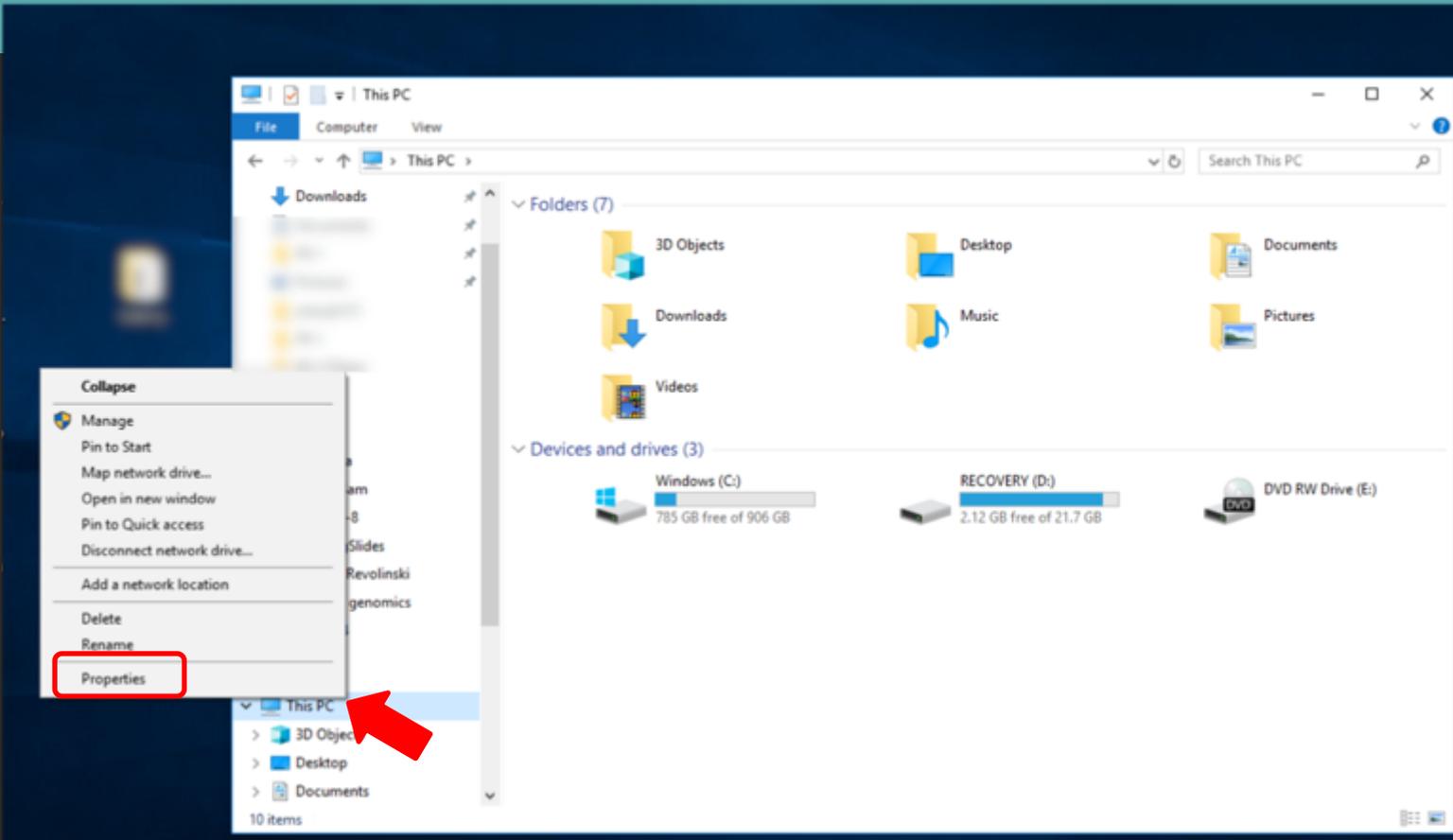
安裝工具與環境設定

Windows篇

學習目標

- 下載及安裝Java Development Kit SE 8 (JDK 8)
- 使用IDE(NetBeans 8.2)
- 下載及安裝軟體

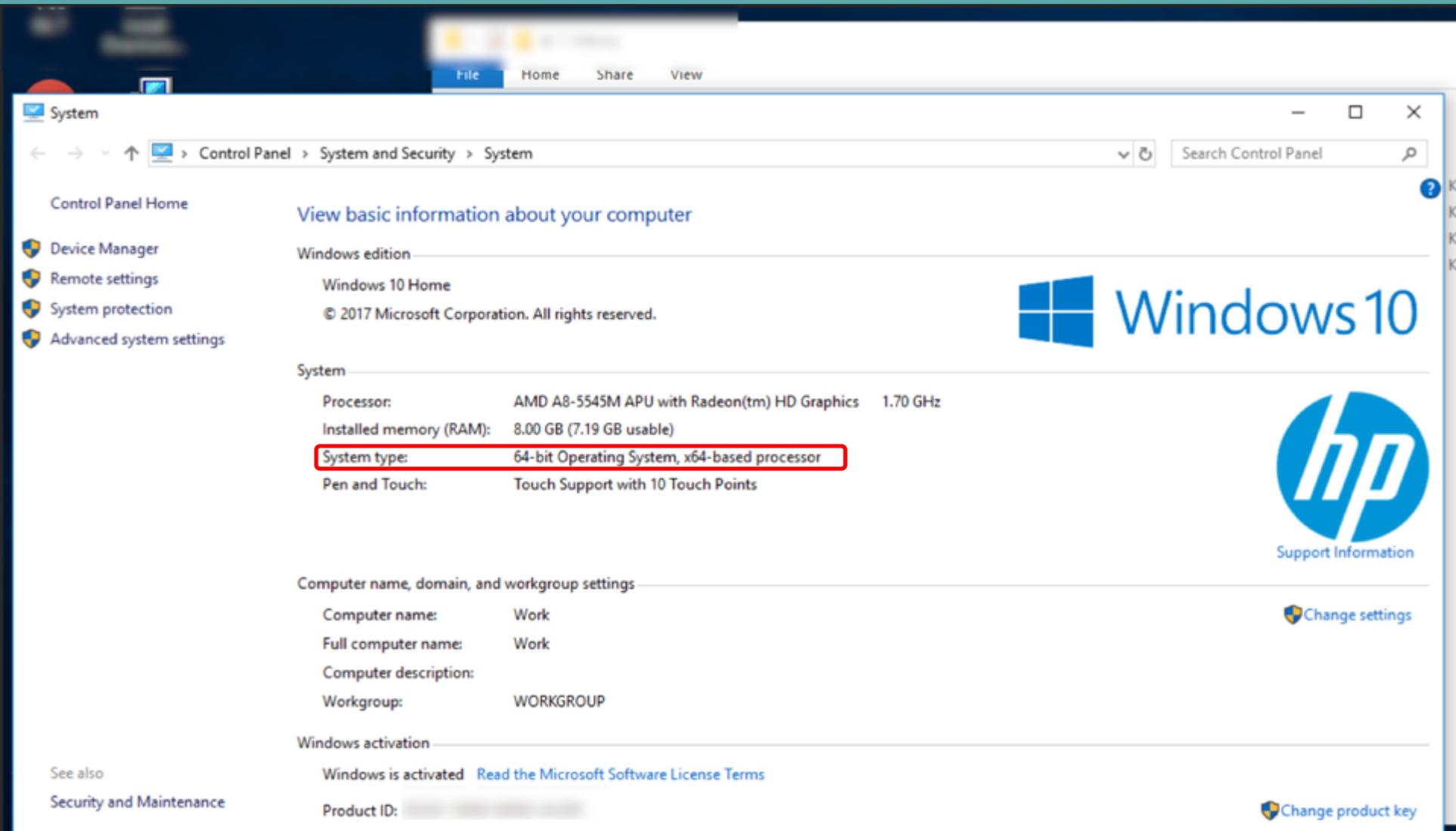
先確認Windows系統類型



通常瀏覽器可協助判斷作業系統的類型

進入下載頁面時就會提供相對應的版本下載連結，但若是需要自行判斷時，可以開啟檔案總管，在本機處點右鍵，選擇「內容」（Properties），即可得知

從這裡了解是否為x64處理器



The screenshot shows the Windows 10 System settings page. The breadcrumb navigation at the top reads: Control Panel > System and Security > System. The main heading is "View basic information about your computer".

Windows edition

- Windows 10 Home
- © 2017 Microsoft Corporation. All rights reserved.

System

Processor:	AMD A8-5545M APU with Radeon(tm) HD Graphics	1.70 GHz
Installed memory (RAM):	8.00 GB (7.19 GB usable)	
System type:	64-bit Operating System, x64-based processor	
Pen and Touch:	Touch Support with 10 Touch Points	

Computer name, domain, and workgroup settings

Computer name:	Work	Change settings
Full computer name:	Work	
Computer description:		
Workgroup:	WORKGROUP	

Windows activation

Windows is activated [Read the Microsoft Software License Terms](#)

Product ID: [blurred]

On the right side of the page, there is a Windows 10 logo, an HP logo with "Support Information" text, and a "Change product key" button.

下載Java Development Kit 8 (JDK 8)

請點選以下網址

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

The screenshot shows a web browser window displaying the Oracle Technology Network page for Java SE Development Kit 8 Downloads. The browser tabs include 'NetBeans IDE Download Started' and 'Java SE Development Kit 8 - Dow'. The address bar shows the URL: <https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>.

The page header features the Oracle logo, a search bar, 'Sign In', 'Country/Region', and 'Contact'. The breadcrumb trail reads: Oracle Technology Network / Java / Java SE / Downloads.

The main content area has tabs for Overview, Downloads, Documentation, Community, Technologies, and Training. The 'Downloads' tab is active, displaying the title 'Java SE Development Kit 8 Downloads' and a thank-you message for downloading the release. Below this, a yellow box highlights an 'Important Oracle JDK License Update' section, which states that the Oracle JDK License has changed for releases starting April 16, 2019. The update details the new Oracle Technology Network License Agreement for Oracle Java SE, noting that it is substantially different from prior licenses and permits certain uses, such as personal use and development use, at no cost. It also mentions that commercial license and support is available with a low cost Java SE Subscription and that Oracle also provides the latest OpenJDK release under the open source GPL License at jdk.java.net.

On the right side of the page, there are two vertical lists of links. The first list, titled 'Java SDKs and Tools', includes links for Java SE, Java EE and Glassfish, Java ME, Java Card, NetBeans IDE, and Java Mission Control. The second list, titled 'Java Resources', includes links for Java APIs, Technical Articles, Demos and Videos, Forums, Java Magazine, Developer Training, Tutorials, and Java.com.

先點選接受其授權同意聲明

NetBeans IDE Download Started x Java SE Development Kit 8 - Dow x +

https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

Commercial license and support is available with a low cost [Java SE Subscription](#).

Oracle also provides the latest OpenJDK release under the open source [GPL License](#) at [jdk.java.net](#).

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 8u231 checksum

Java SE Development Kit 8u231

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

Accept License Agreement Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	72.9 MB	jdk-8u231-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	69.8 MB	jdk-8u231-linux-arm64-vfp-hflt.tar.gz
Linux x86	170.93 MB	jdk-8u231-linux-i586.rpm
Linux x86	185.75 MB	jdk-8u231-linux-i586.tar.gz
Linux x64	170.32 MB	jdk-8u231-linux-x64.rpm
Linux x64	185.16 MB	jdk-8u231-linux-x64.tar.gz
Mac OS X x64	253.4 MB	jdk-8u231-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	132.98 MB	jdk-8u231-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	94.16 MB	jdk-8u231-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	133.73 MB	jdk-8u231-solaris-x64.tar.Z
Solaris x64	91.96 MB	jdk-8u231-solaris-x64.tar.gz
Windows x86	200.22 MB	jdk-8u231-windows-i586.exe
Windows x64	210.18 MB	jdk-8u231-windows-x64.exe

Java SE Development Kit 8u231 Demos and Samples Downloads

[Developer Training](#)
[Tutorials](#)
[Java.com](#)

選擇Windows版

Commercial license and support is available with a low cost [Java SE Subscription](#).

Oracle also provides the latest OpenJDK release under the open source [GPL License](#) at [jdk.java.net](#).

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 8u231 checksum

Java SE Development Kit 8u231

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

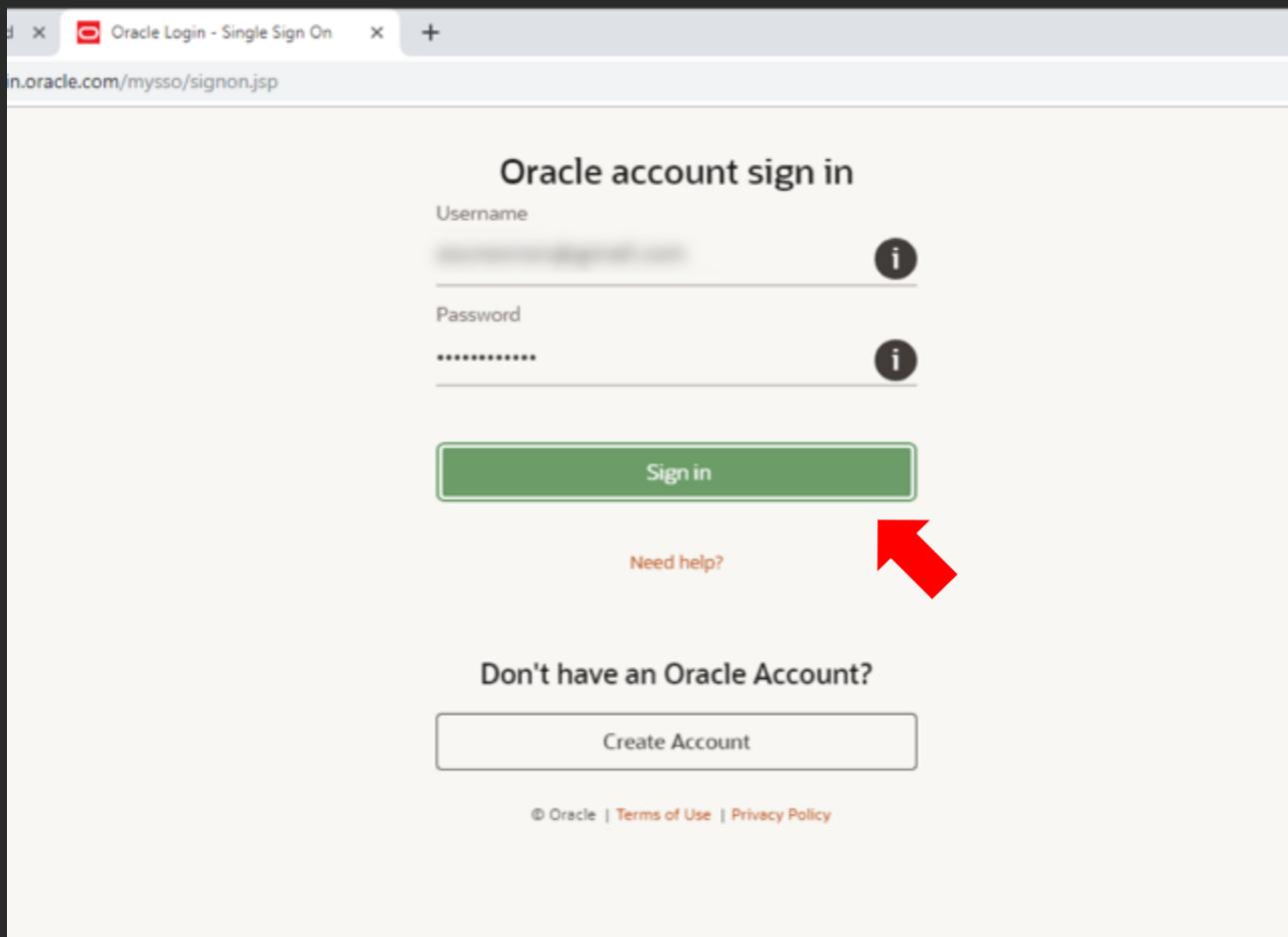
Accept License Agreement Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	72.9 MB	jdk-8u231-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	69.8 MB	jdk-8u231-linux-arm64-vfp-hflt.tar.gz
Linux x86	170.93 MB	jdk-8u231-linux-i586.rpm
Linux x86	185.75 MB	jdk-8u231-linux-i586.tar.gz
Linux x64	170.32 MB	jdk-8u231-linux-x64.rpm
Linux x64	185.16 MB	jdk-8u231-linux-x64.tar.gz
Mac OS X x64	253.4 MB	jdk-8u231-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	132.98 MB	jdk-8u231-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	94.16 MB	jdk-8u231-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	133.73 MB	jdk-8u231-solaris-x64.tar.Z
Solaris x64	91.96 MB	jdk-8u231-solaris-x64.tar.gz
Windows x86	200.22 MB	jdk-8u231-windows-i586.exe
Windows x64	219.18 MB	jdk-8u231-windows-x64.exe

Java SE Development Kit 8u231 Demos and Samples Downloads

選擇符合自己電腦中對應的Windows系統類型的安裝案來下載
本次示範是選擇x64版本

若跳出帳戶登入要求，請依照步驟登入或申請新帳戶加入



Oracle Login - Single Sign On

in.oracle.com/mysso/signon.jsp

Oracle account sign in

Username

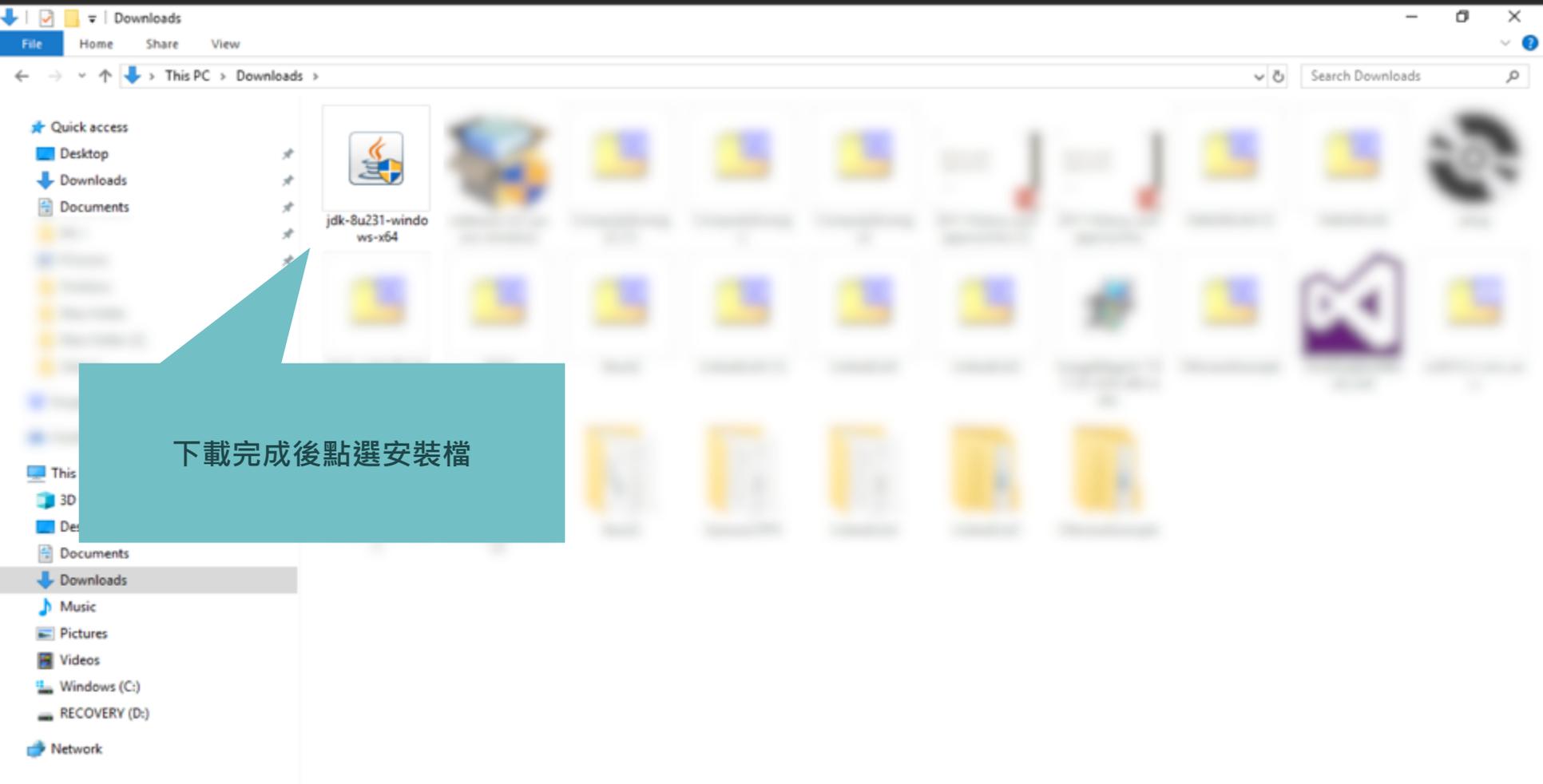
Password

[Need help?](#)

Don't have an Oracle Account?

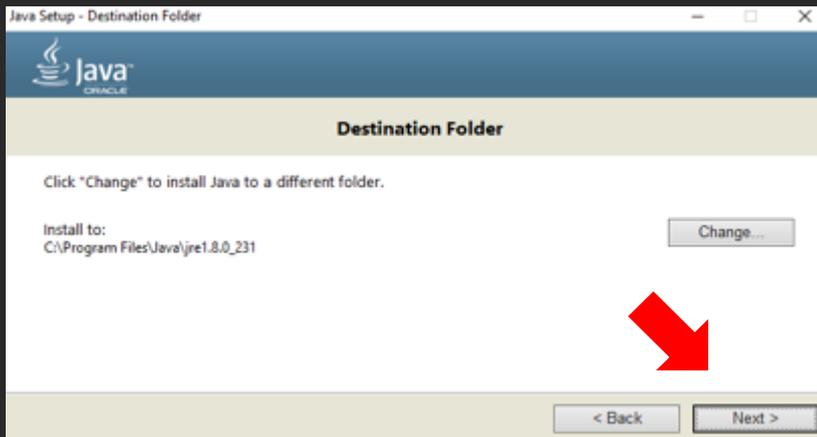
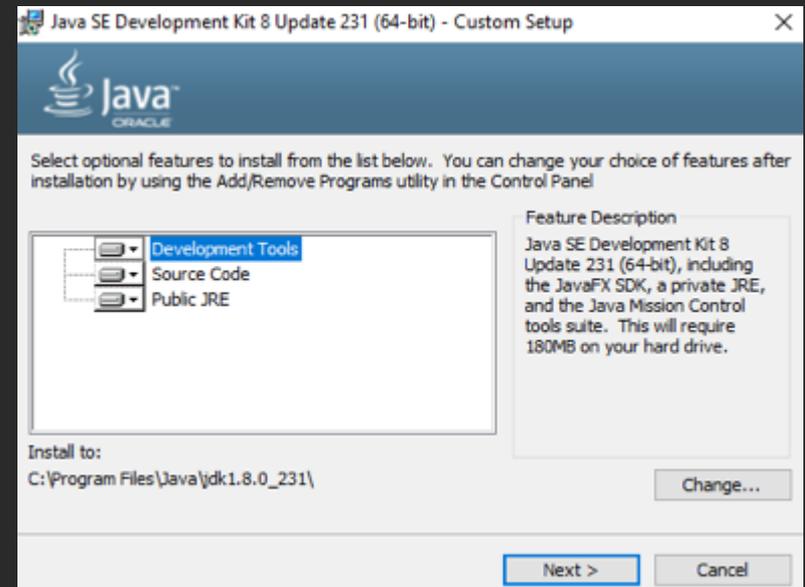
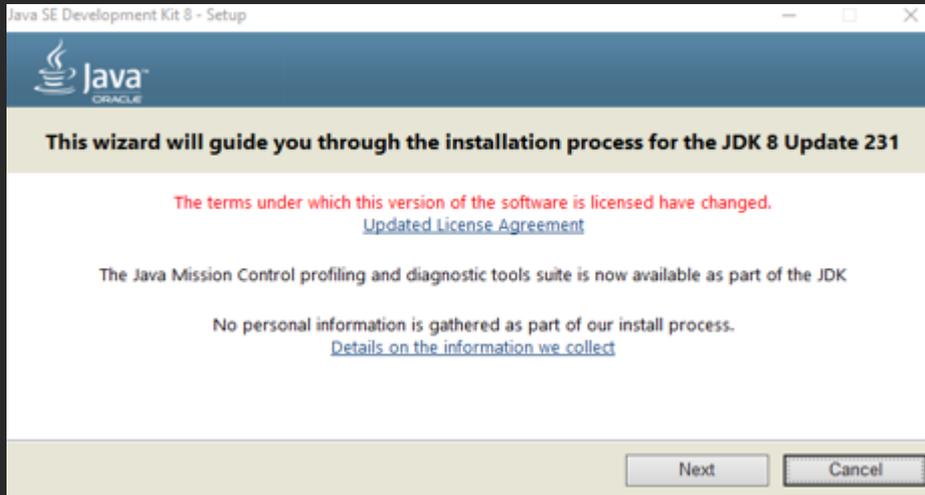
[Create Account](#)

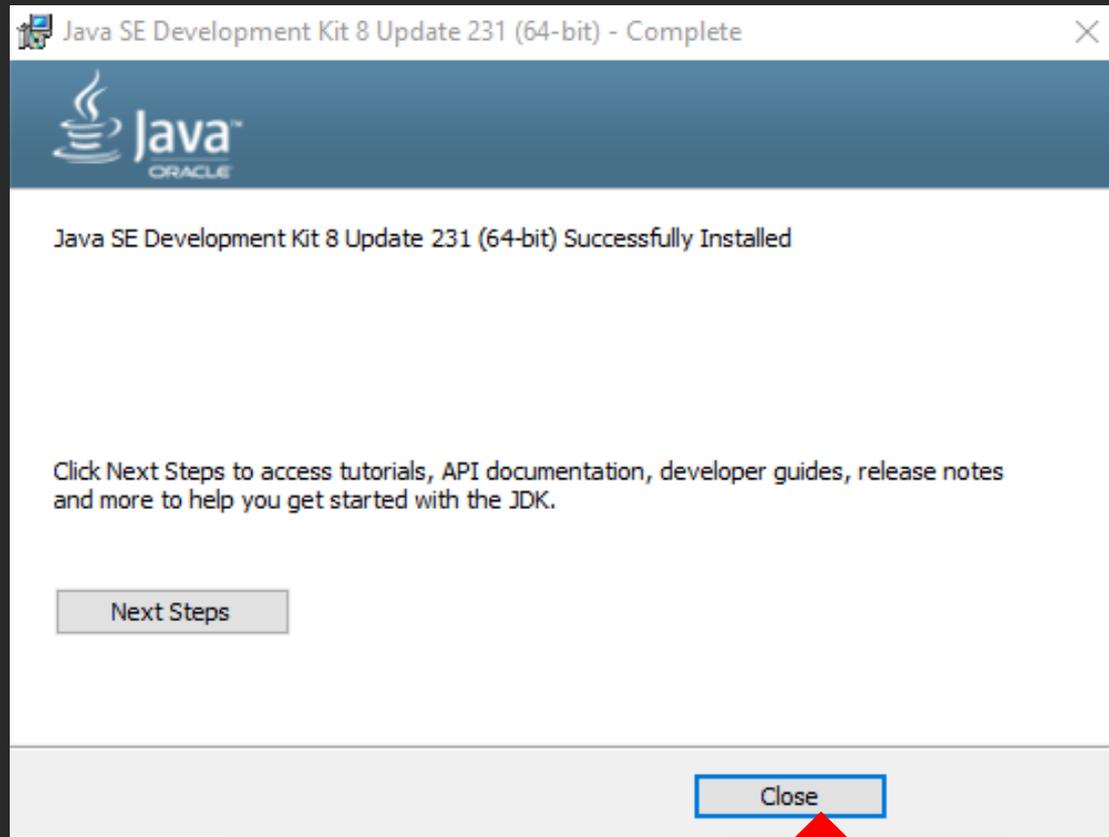
© Oracle | [Terms of Use](#) | [Privacy Policy](#)



下載完成後點選安裝檔

點選安裝，並遵循以下指示





等待系統安裝完成後，按Close結束

安裝NetBeans

- NetBeans是由Apache軟體基金會及甲骨文公司開發維護的JAVA IDE
 - 其擴充平台亦可用於開發其他語言，如C、C++、PHP及JavaScript等



下載位置

- 由NetBeans.org/download可下載
- 此課程使用8.2 JAVASE版本，下載網址如下：
<https://netbeans.org/downloads/8.2/rc/>

NetBeans IDE 8.2 RC Download

8.1 | 8.2 RC | Development | Archive

Email address (optional):

Subscribe to newsletters: Monthly Weekly
 NetBeans can contact me at this address

IDE Language: Platform:

Note: Greyed out technologies are not supported for this platform.

NetBeans IDE Download Bundles

Supported technologies *	Java SE	Java EE	HTML5/JavaScript	PHP	C/C++	All
NetBeans Platform SDK	•	•				•
Java SE	•	•				•
Java FX	•	•				•
Java EE		•				•
Java ME						•
HTML5/JavaScript		•	•	•		•
PHP			•	•		•
C/C++					•	•
Groovy						•
Java Card™ 3 Connected						•
Bundled servers						
GlassFish Server Open Source Edition 4.1.1		•				•
Apache Tomcat 8.0.27		•				•

Download | Download | Download x86 | Download x86 | Download x86 | Download x64 | Download x64 | Download x64 | Download

請點此下載

NetBeans IDE Download Started

HOME / Download

NetBeans IDE 8.2 Download Started

Your download should start automatically.
If not, [download it here.](#)

NetBeans 8.2 Java SE Installer for Mac OS X/English (en)
netbeans-8.2-javase-macosx.dmg (115.9 MB)
SHA-256: 91652f03d8abba0ae9d76a612ed909c9f82e4f138cbd510f5d3679280323011b

[Release Notes](#) | [Installation Instructions](#)

Important Legal Information:
NetBeans Community Distributions are available under a Dual License consisting of the Common Development and Distribution License (CDDL) v1.0 and GNU General Public License (GPL) v2. Such distributions include additional components under separate licenses identified in the License file. See the Third Party License file for external components included in NetBeans and their associated licenses.

Find Out More

- Plugins**
Contributed by the NetBeans community and 3rd party vendors.
- Tutorials**
Written and recorded by the NetBeans community and professionals.
- Training**
Courses to help you improve your skills.
- Support**
Flexible support options to help you stay focused on innovation.

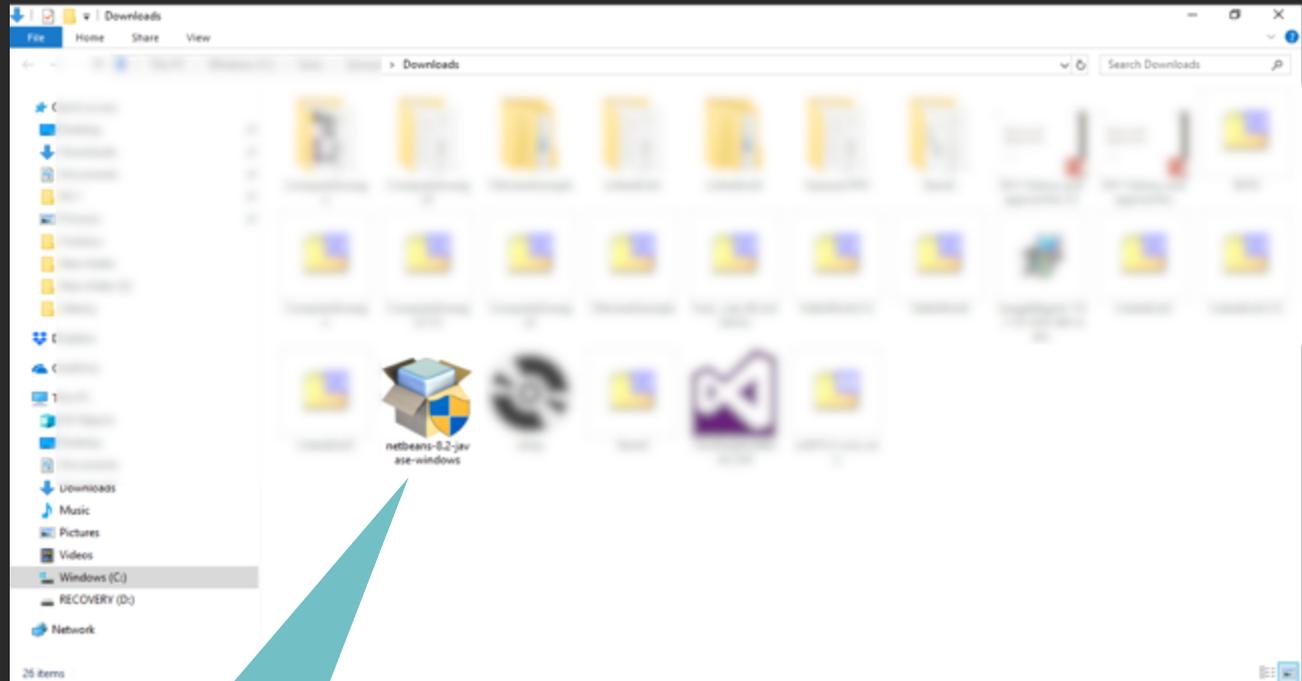
SiteMap | About Us | Contact | Legal & Licences

netbeans-8.2-....dmg 8.0/116 MB, 1 min left

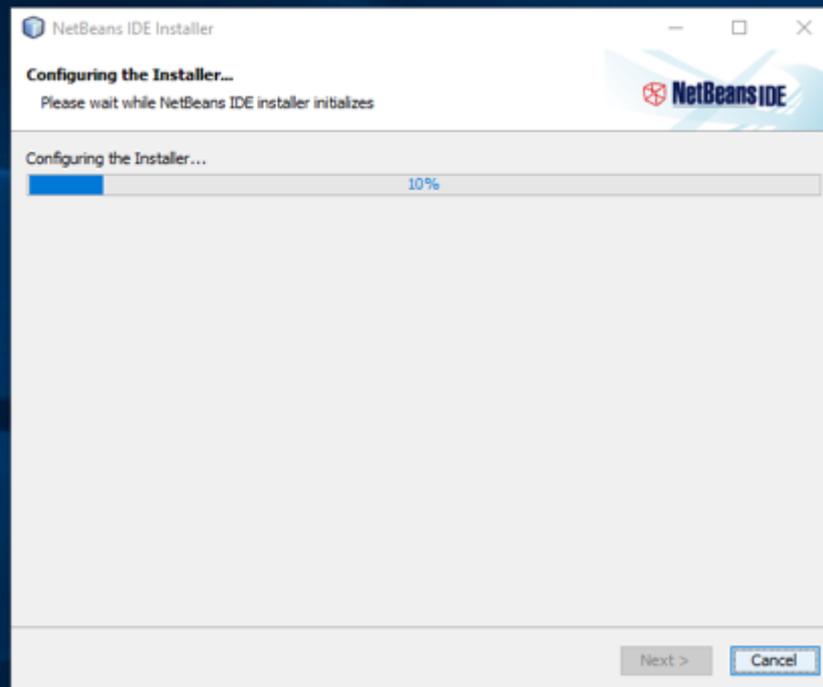
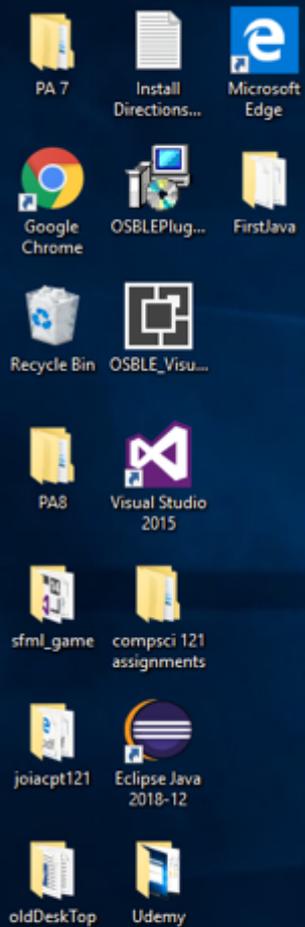
Show All

點選後檔案會開始自動下載，若沒有開始下載可點選頁面上的download it here

下載完成後請點選安裝程式，系統會開始安裝



接著點兩下這個圖示
接著按照指示開始安裝



等待設定安裝程式

NetBeans IDE Installer



Welcome to the NetBeans IDE 8.2 Installer

The installer will install the NetBeans IDE with the Java SE pack.

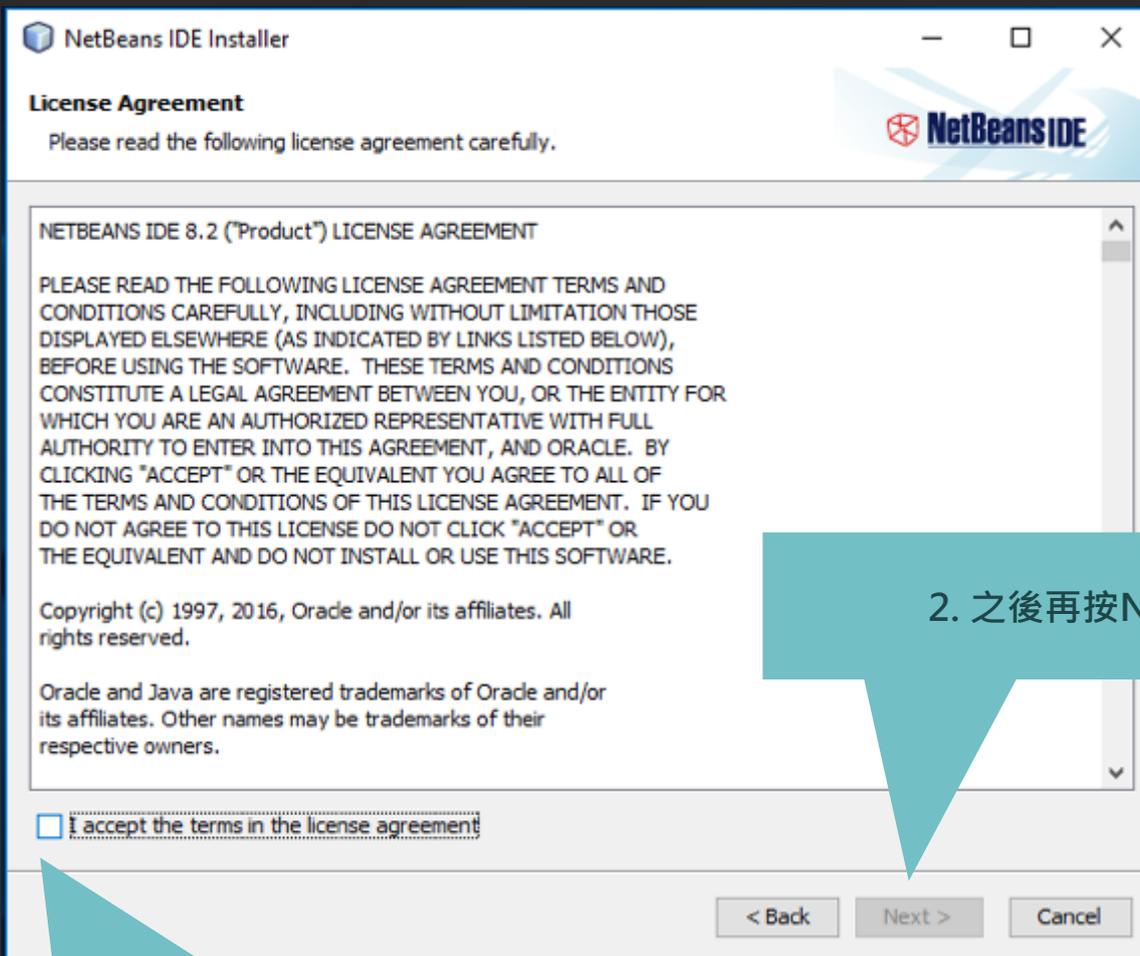


Installation Size: 343.3 MB

Next >

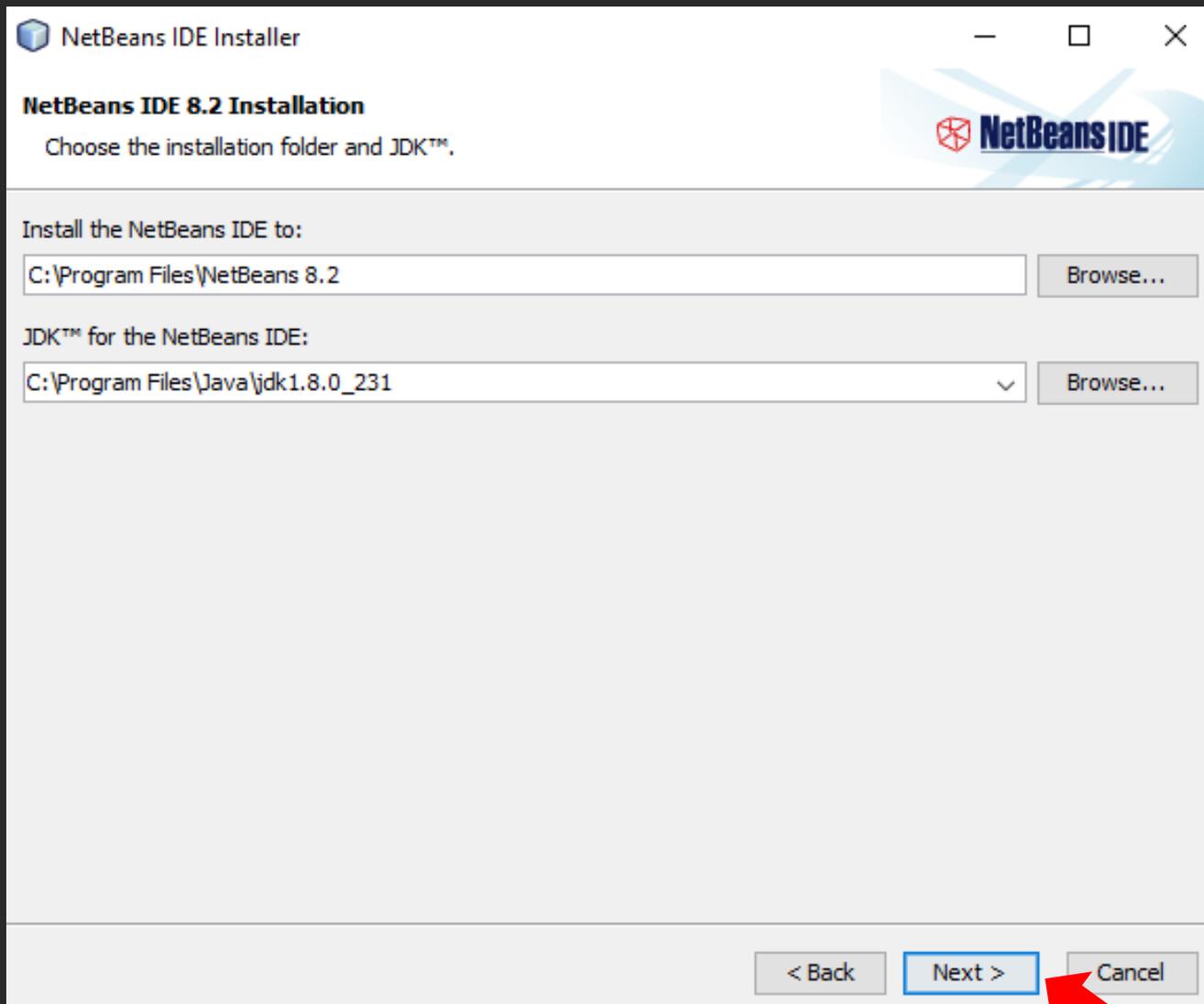
Cancel



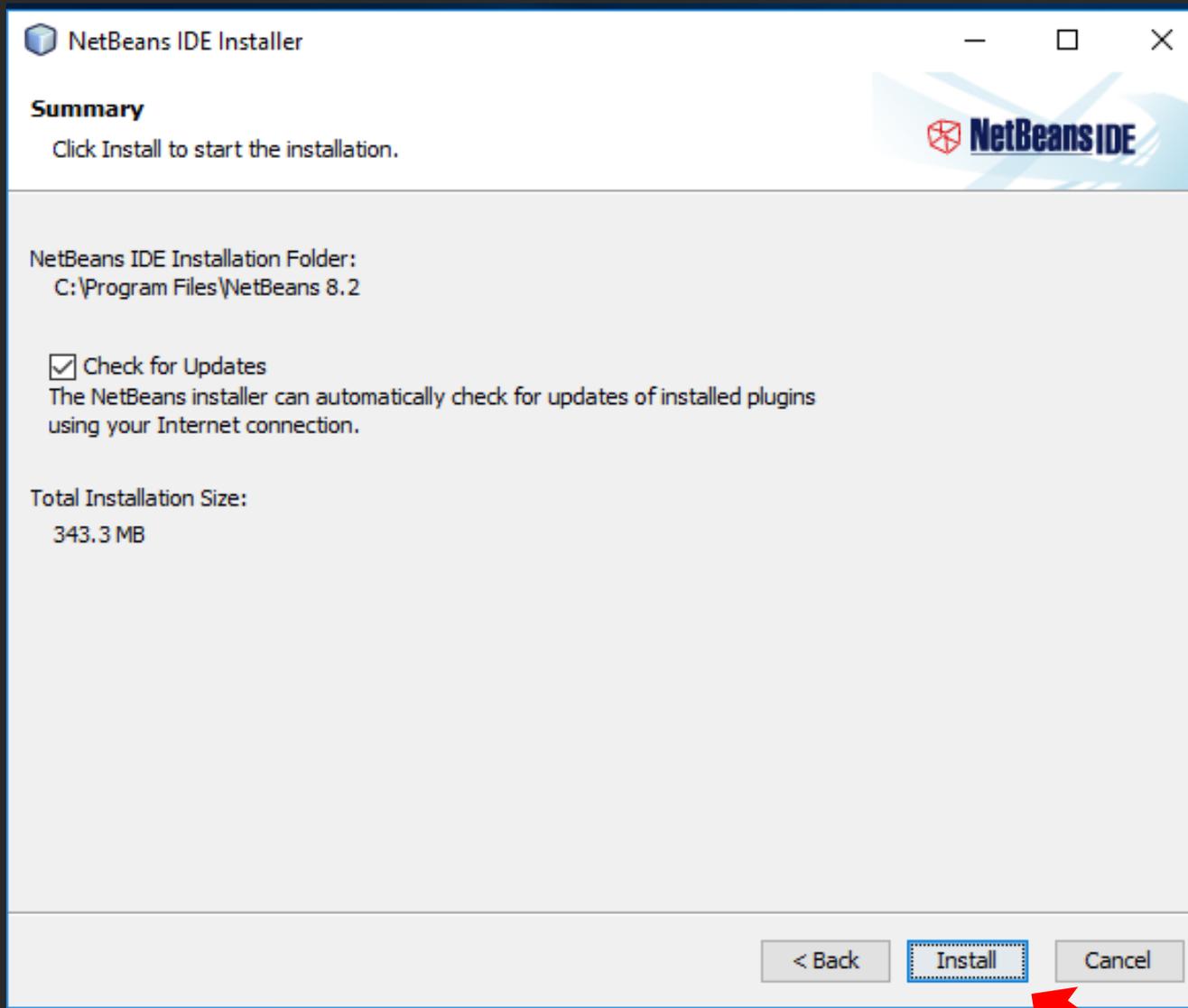


2. 之後再按Next

1. 先勾選授權同意條款



確認安裝在硬碟的位置，再按Next繼續



按Install開始安裝

Setup Complete

Click Finish to finish the NetBeans IDE setup.



Installation completed successfully.

31 updates successfully installed.

To launch the IDE, use either the Start menu or the NetBeans desktop icon.

To change installed components and add NetBeans plugins, use Plugin Manager that is an integral part of NetBeans IDE.

Contribute to the NetBeans project by providing anonymous usage data

- If you agree to participate, the IDE will keep track of the high-level features you use
- The collected anonymous data will be submitted to a usage statistics database at netbeans.org server

The usage statistics will help the development team to better understand user requirements and prioritize improvements in future releases. We cannot and will not reverse-engineer that collected data to find specific details concerning your projects. See [more information](#).

Finish



安裝成功

測試你的NetBeans

- 安裝完成後，桌面會出現捷徑
- 請記得參照第六單元_1後續步驟進行測試

