

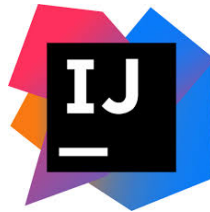


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DIPLOMADO
TESTING DE SOFTWARE

Configuración De Ambiente Automatización II





Requisitos	3
1) Descargar e instalar Git	3
2) Descargar e instalar JDK & JRE de JAVA 11	8
3) Descargar e Instalar Gradle 5 o versión superior (Binario)	11
4) Descargar e instalar IntelliJ IDEA (Community)	14
5) Descarga e instalar Android Studio (este descargara Android SDK y AVD manager)	17



Requisitos

1) Descargar e instalar Git

<https://gitforwindows.org/>





Git 2.23.0 Setup

Select Destination Location
Where should Git be installed?

Setup will install Git into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

At least 253,3 MB of free disk space is required.

<https://gitforwindows.org/>

Git 2.23.0 Setup

Select Components
Which components should be installed?

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

☐ Additional icons

... ☐ On the Desktop

☒ Windows Explorer integration

... ☒ Git Bash Here

... ☒ Git GUI Here

☒ Git LFS (Large File Support)

☒ Associate .git* configuration files with the default text editor

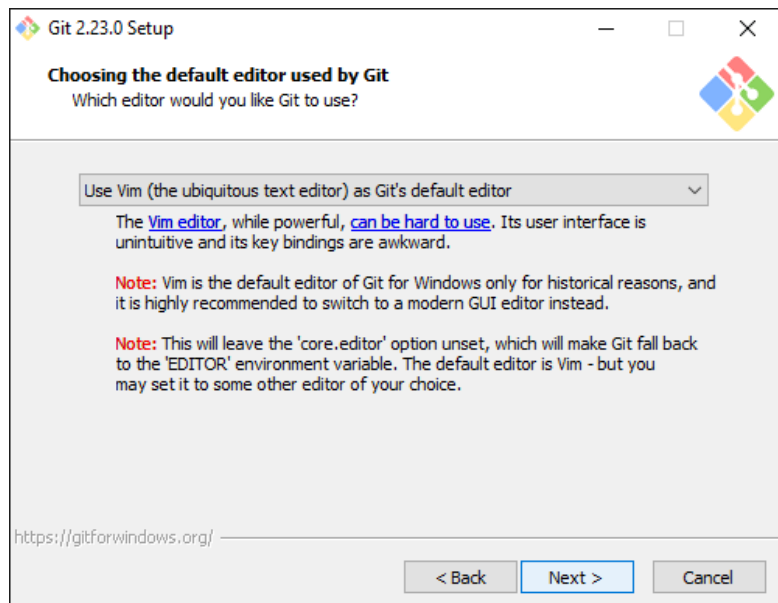
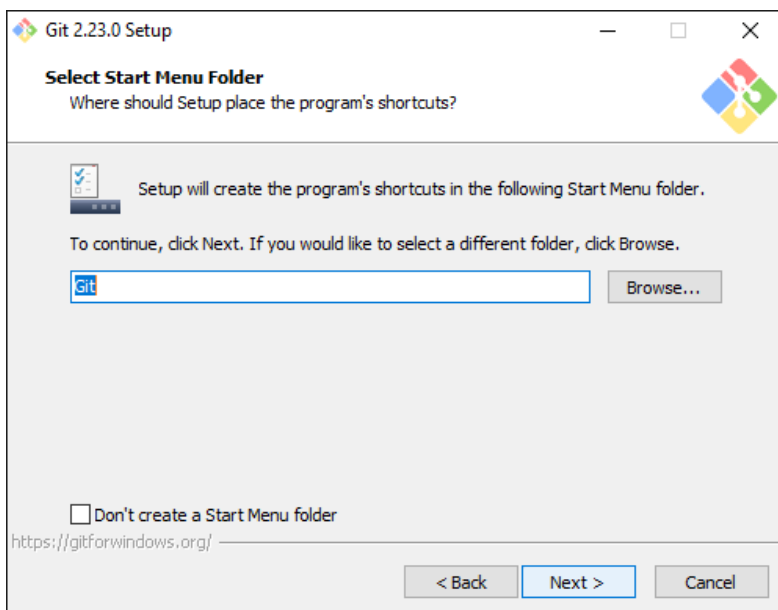
☒ Associate .sh files to be run with Bash

☐ Use a TrueType font in all console windows

☐ Check daily for Git for Windows updates

Current selection requires at least 253,0 MB of disk space.

<https://gitforwindows.org/>





Git 2.23.0 Setup

Adjusting your PATH environment
How would you like to use Git from the command line?

☐ **Use Git from Git Bash only**
This is the most cautious choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.

☒ **Git from the command line and also from 3rd-party software**
(Recommended) This option adds only some minimal Git wrappers to your PATH to avoid cluttering your environment with optional Unix tools. You will be able to use Git from Git Bash, the Command Prompt and the Windows PowerShell as well as any third-party software looking for Git in PATH.

☐ **Use Git and optional Unix tools from the Command Prompt**
Both Git and the optional Unix tools will be added to your PATH.
Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.

<https://gitforwindows.org/>

< Back Next > Cancel

Git 2.23.0 Setup

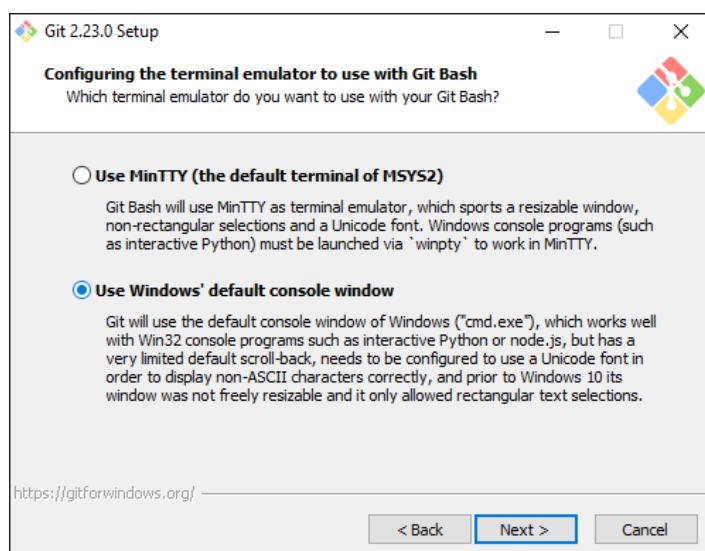
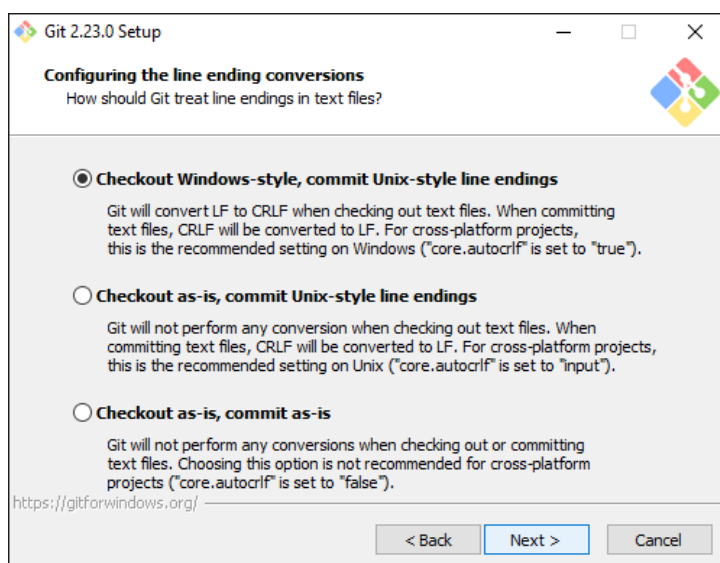
Choosing HTTPS transport backend
Which SSL/TLS library would you like Git to use for HTTPS connections?

☒ **Use the OpenSSL library**
Server certificates will be validated using the ca-bundle.crt file.

☐ **Use the native Windows Secure Channel library**
Server certificates will be validated using Windows Certificate Stores. This option also allows you to use your company's internal Root CA certificates distributed e.g. via Active Directory Domain Services.

<https://gitforwindows.org/>

< Back Next > Cancel



- Verificación de la instalación de GIT, abrir una terminal y ejecutar :

git --version

```
C:\Windows\system32\cmd.exe

Microsoft Windows [Versión 10.0.17763.864]
(c) 2018 Microsoft Corporation. Todos los derechos reservados.

C:\Users\Eynar>git --version
git version 2.23.0.windows.1
```



2) Descargar e instalar JDK & JRE de JAVA 8/11 o superior (preferiblemente Java 11)

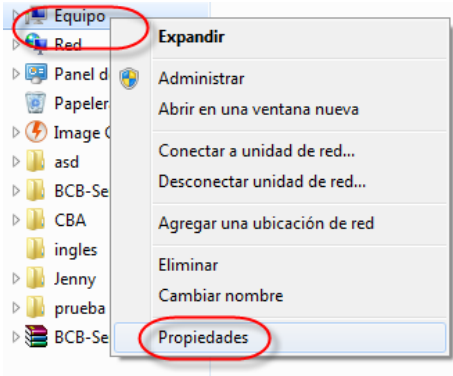
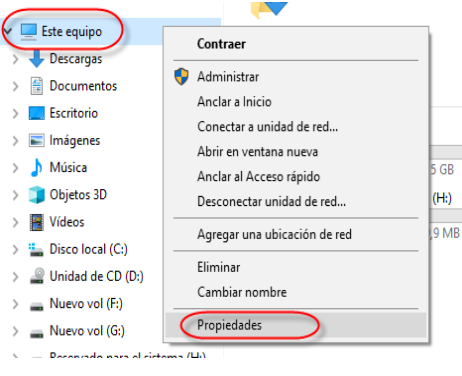
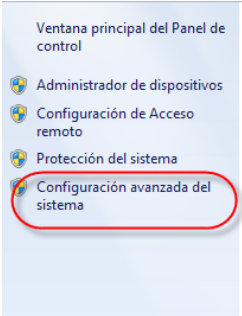
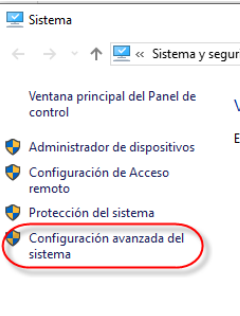
<https://www.oracle.com/java/technologies/javase/jdk8-downloads.html>

<https://www.oracle.com/java/technologies/javase-jre8-downloads.html>

Descargue el instalador para su sistema operativo, instale con las opciones por defecto y configure las variables de entorno.

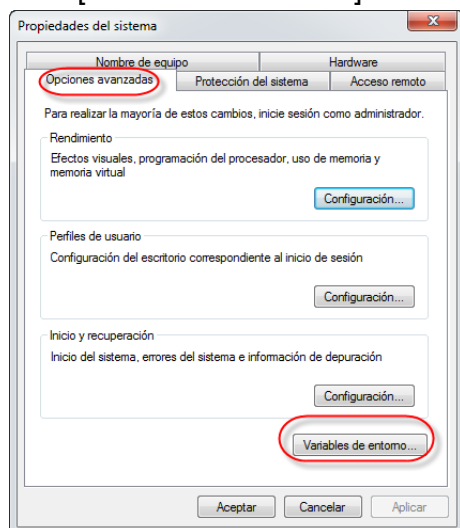
Configuración y Verificación de JAVA

- Configuración de Variables De Entorno

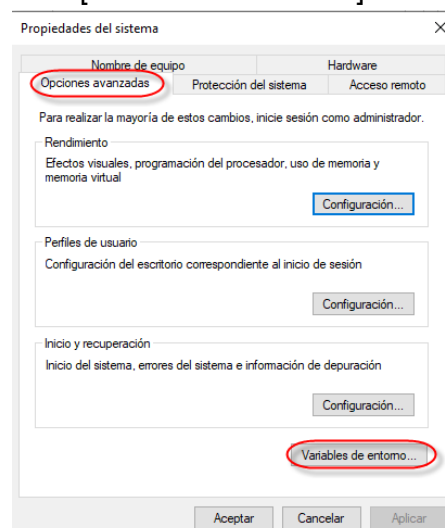
Windows 7	Windows 10
<p>Ir Explorador de carpetas, Click Derecho sobre Equipo, Click Propiedades</p> 	<p>Ir Explorador de carpetas, Click Derecho sobre Equipo, Click Propiedades</p> 
<p>Click [Configuración avanzada del sistema]</p>  <p>Ver información básica acerca del equipo</p> <p>Edición de Windows</p> <p>Windows 7 Ultimate</p> <p>Copyright © 2009 Microsoft Corporation. Reservados todos los derechos.</p> <p>Service Pack 1</p> <p>Sistema</p>	<p>Click [Configuración avanzada del sistema]</p>  <p>Ver información básica acerca del equipo</p> <p>Edición de Windows</p> <p>Windows 10</p>



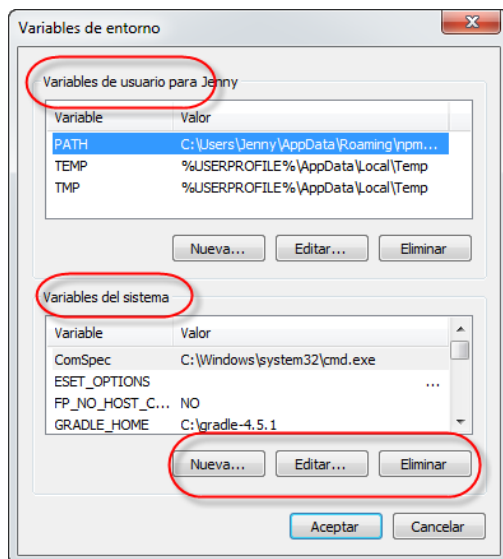
Click [Variables de entorno]



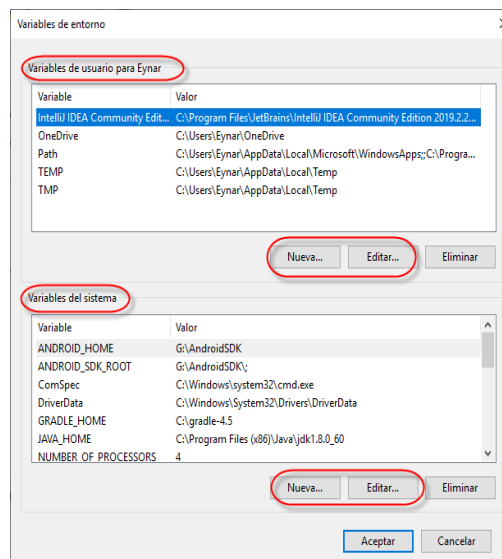
Click [Variables de entorno]



Sección De Variables de Entorno



Sección De Variables de Entorno



- Agregar la variable **JAVA_HOME** donde debe contener la ruta del **JDK** de **Java**

JAVA_HOME = C:\Program Files (x86)\Java\jdk1.8.0_60

Windows 7

Windows 10



--	--

- Actualizar la variable **PATH** donde se debe agregar la ruta del **JRE/bin** y del **JDK/bin**

Windows 7	Windows 10

- Verificar la configuración de JAVA

Abrir una consola y ejecutar el comando :

java -version



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Versión 10.0.17763.864]
(c) 2018 Microsoft Corporation. Todos los derechos reservados.

C:\Users\Eynar>java -version
java version "1.8.0_60"
Java(TM) SE Runtime Environment (build 1.8.0_60-b27)
Java HotSpot(TM) Client VM (build 25.60-b23, mixed mode)
```

Ejecutar el siguiente comando :

javac -version

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Versión 10.0.17763.864]
(c) 2018 Microsoft Corporation. Todos los derechos reservados.

C:\Users\Eynar>javac -version
javac 1.8.0_60

C:\Users\Eynar>_
```

3) Descargar e Instalar Gradle 5 o versión superior (Binario)

<https://gradle.org/releases/>

v6.6.1

Aug 25, 2020

- Download: **binary-only** or complete (checksums)
- User Manual
- API Javadoc
- DSL Reference
- Release Notes

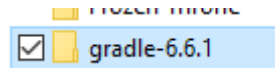
Descomprimir el Archivo ZIP en alguna ruta



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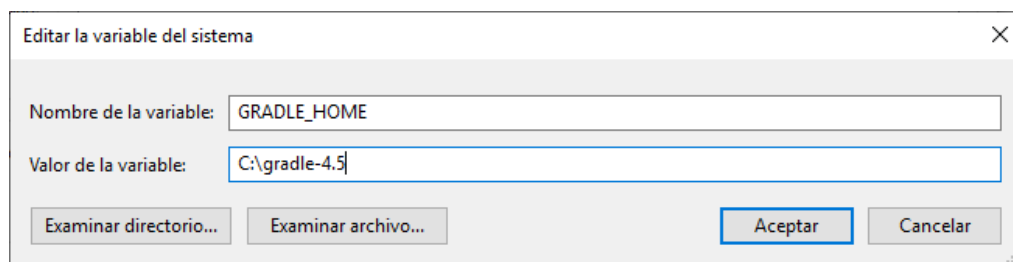


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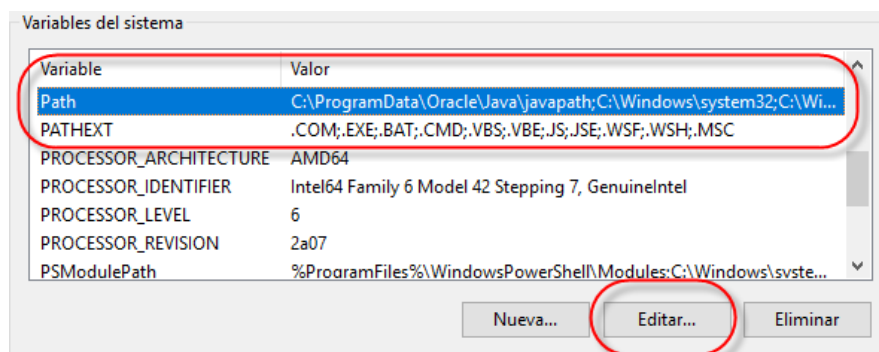
Agregar la variable **GRADLE_HOME** en variables de entorno la ruta de la carpeta descompresada

GRADLE_HOME =C:\gradle-6.6.1

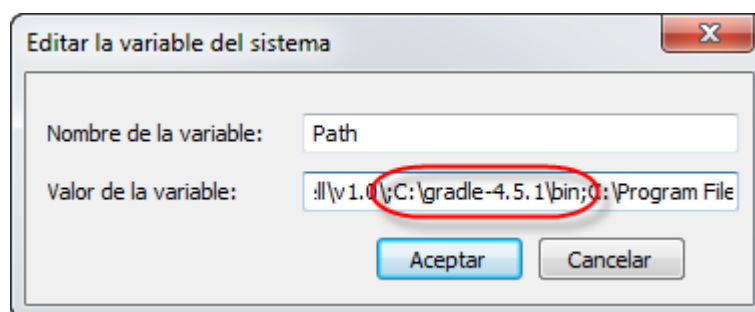


Agregar la ruta la ruta de **GRADLE/bin** en la variable de entorno **PATH**

windows 10



windows 7



Verificación

Abrir una consola y ejecutar

gradle -version

```
C:\Users\Eynar>gradle -version

-----
Gradle 6.6.1
-----

Build time:   2020-08-25 16:29:12 UTC
Revision:     f2d1fb54a951d8b11d25748e4711bec8d128d7e3

Kotlin:       1.3.72
Groovy:       2.5.12
Ant:          Apache Ant(TM) version 1.10.8 compiled on May 10 2020
JVM:          1.8.0_60 (Oracle Corporation 25.60-b23)
OS:           Windows 10 10.0 x86
```

4) Descargar e instalar IntelliJ IDEA (Community)

<https://www.jetbrains.com/es-es/idea/download/#section=windows>



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Descargar IntelliJ IDEA

[Windows](#) [Mac](#) [Linux](#)

Ultimate

Para desarrollo web y empresarial

Descargar

.exe ▼

Prueba gratis de 30 días

Community

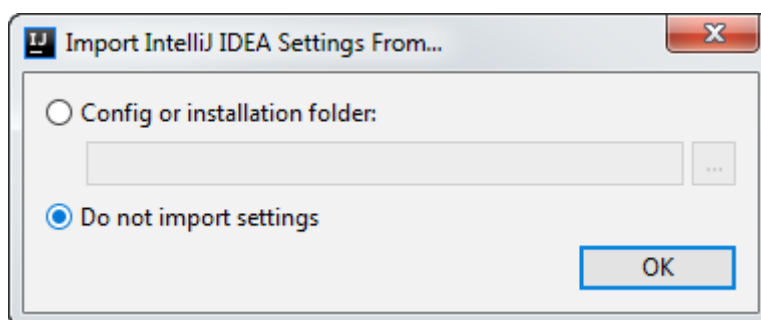
Para desarrollo de JVM y Android

Descargar

.exe ▼

Gratis, código abierto

No importar ningún setting previo





A dialog box titled "JetBrains Privacy Policy" with a close button (X) in the top right corner. The text inside reads: "Please read and accept these terms and conditions. Scroll down for full text:" followed by a scrollable area containing the "JetBrains Privacy Policy" text. At the bottom, there is a checkbox labeled "I confirm that I have read and accept the terms of this User Agreement" and two buttons: "Continue" and "Reject and Exit".

Please read and accept these terms and conditions. Scroll down for full text:

JetBrains Privacy Policy

Version 2.1, last updated: July 23, 2018

In this Privacy Policy, we describe the types of data, including personal data (collectively, "data"), that we and our associated companies collect from you when you use JetBrains Websites and certain JetBrains products and services as described in this Privacy Policy (collectively, our "services"), how we and our associated companies use and disclose that data, and your options to access or update your data.

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☒ I confirm that I have read and accept the terms of this User Agreement

[Continue](#) [Reject and Exit](#)

A dialog box titled "Customize IntelliJ IDEA" with a close button (X) in the top right corner. It shows the "Set UI theme" section with two options: "Darcula" (selected) and "Light". Below the theme selection, there are two side-by-side code editors showing the same Java code. The left editor is in the Darcula theme, and the right editor is in the Light theme. Both editors have a "Breakpoints" window open, showing a list of breakpoints with checkboxes for "Line Breakpoints", "Java Exception Breakpoints", and "Any Exception". The "Line Breakpoints" checkbox is checked in both. At the bottom, there are two buttons: "Skip Remaining and Set Defaults" and "Next: Default plugins".

UI Themes — Default plugins — Featured plugins

Set UI theme

☒ Darcula ☐ Light

module > src > HelloWorld

1: Project

7: Structure

Breakpoints

Line Breakpoints

Java Exception Breakpoints

Any Exception

You can change the UI theme later in Settings | Appearance & Behavior | Appearance. Additional themes are available in Settings | Plugins.

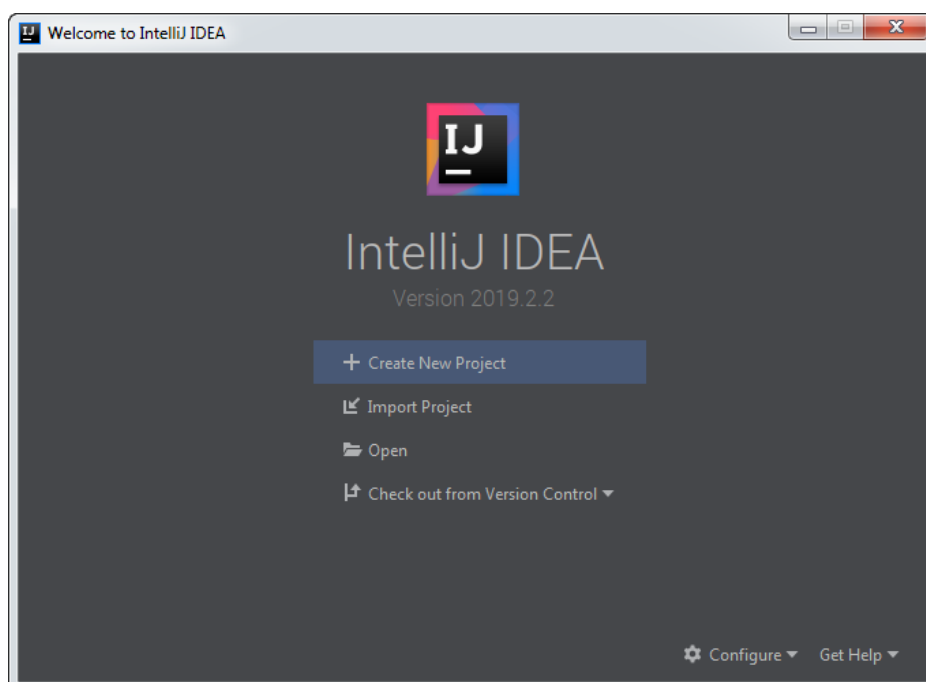
[Skip Remaining and Set Defaults](#) [Next: Default plugins](#)



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5) Descarga e instalar Android Studio (este descargara Android SDK y AVD manager)

nota: si no desea instalar android studio puede descargar directamente android SDK. y AVD manager.

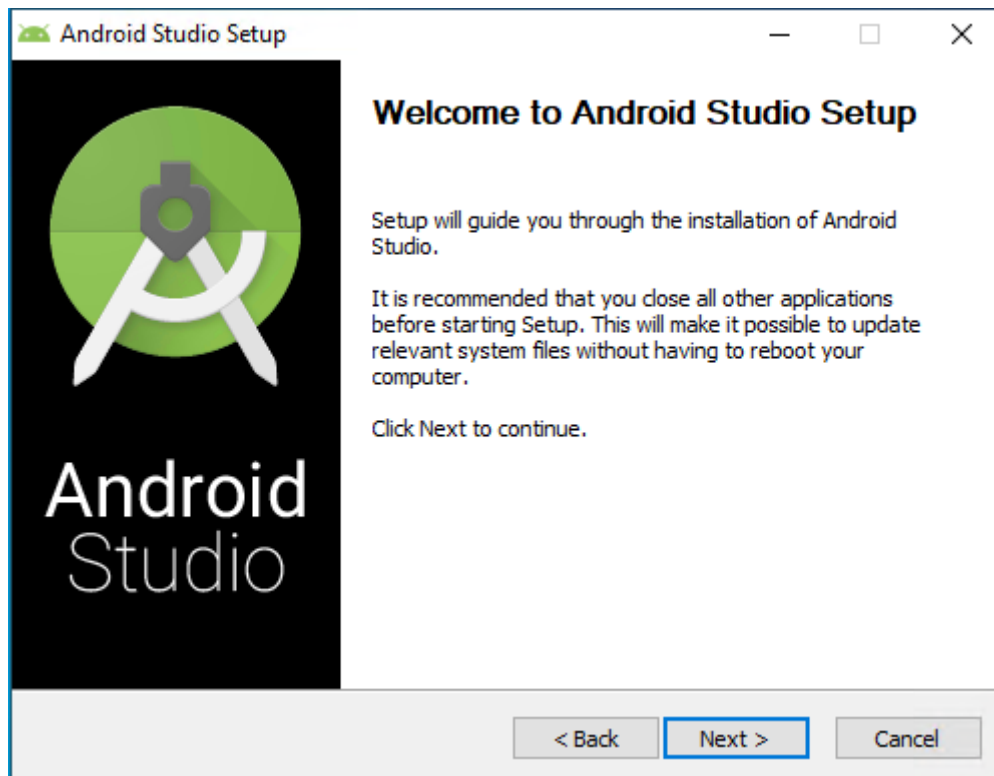
<https://developer.android.com/studio>



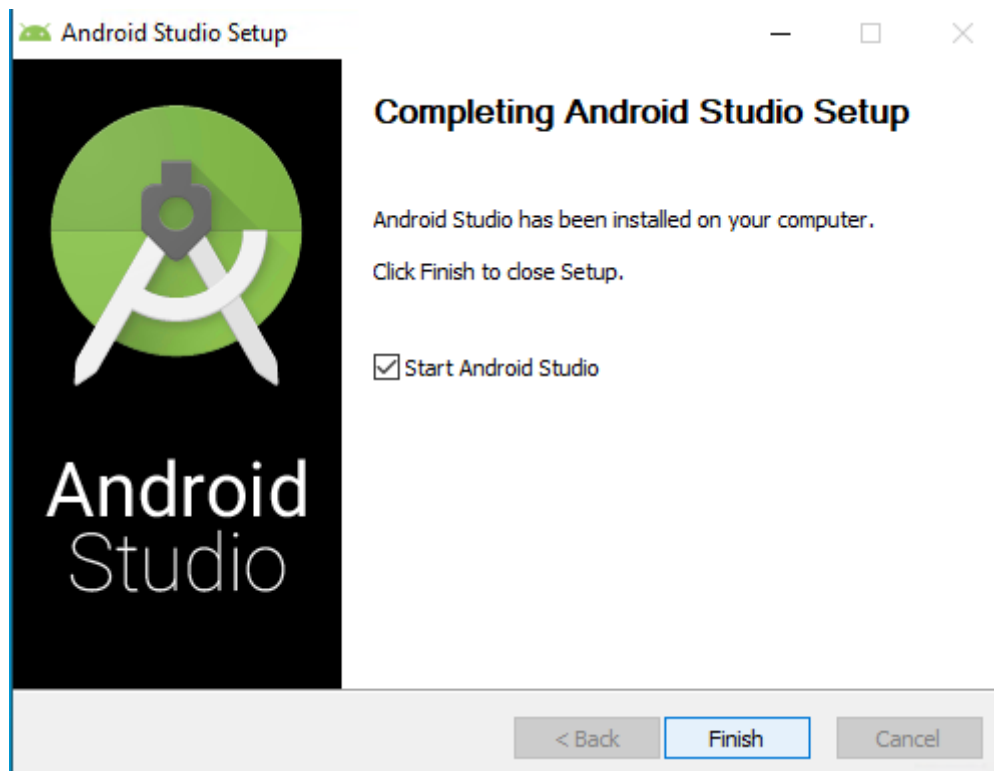
Provides the fastest tools for building apps on every type of device

DOWNLOAD ANDROID STUDIO

4.0.1 for Windows 64-bit (871 MB)



Todas las opciones marcadas por defecto



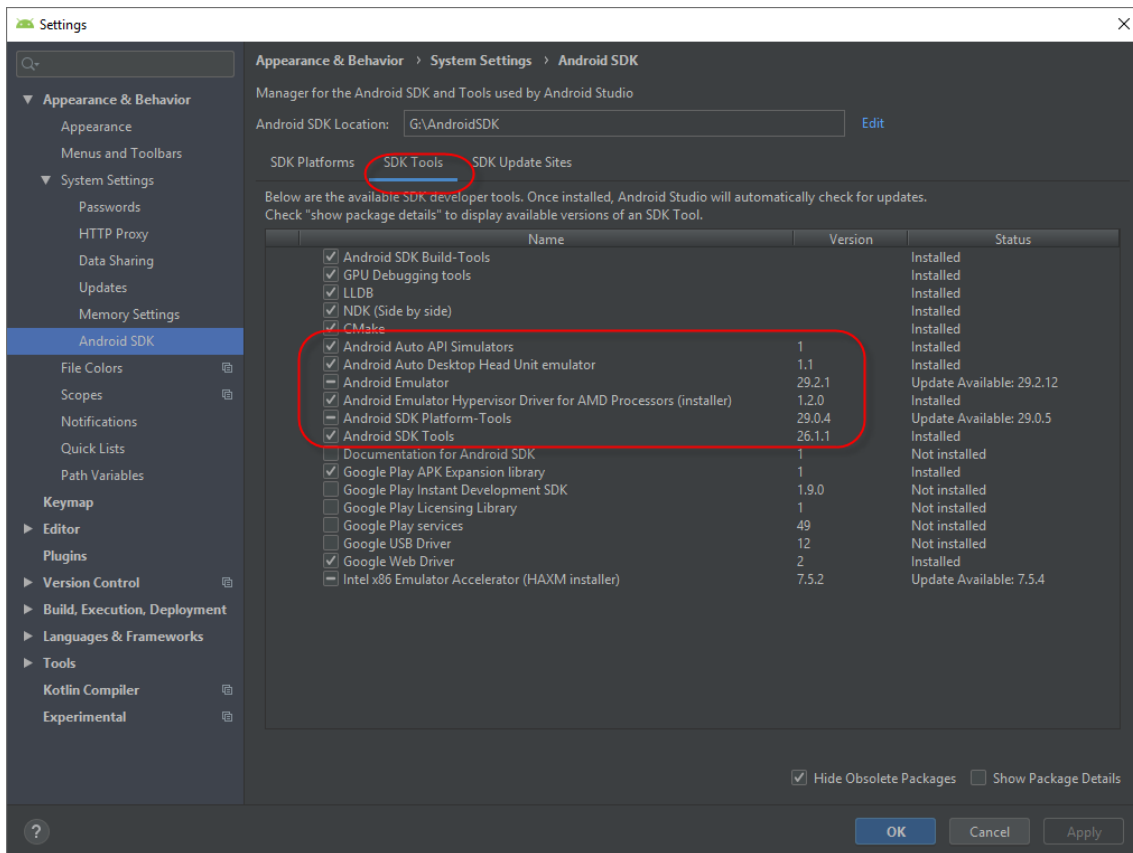


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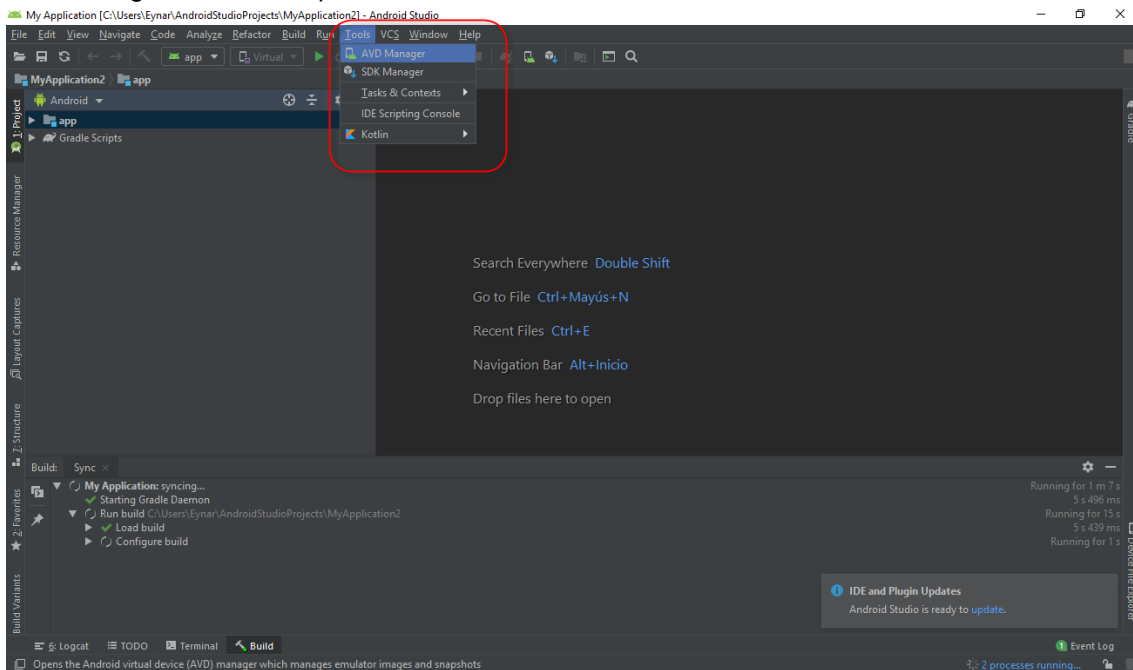


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Abrir Setting and go to Android SDK to install some tools (AVD Manager)



AVD Manager debería ser parte del menú tools





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Crear Algún Dispositivo Virtual

