

# Application development

with

Datecs JavaSDK

(Open Java Demo Projects)

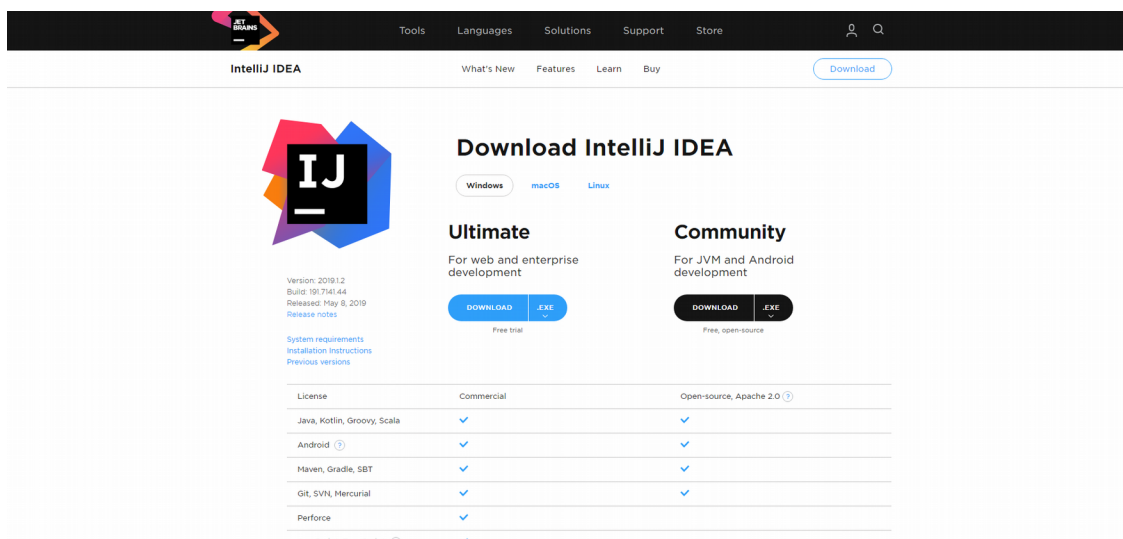
## I. Introduction:

This instruction explains the installation of the IntelliJ IDEA (Java IDE), It will help you open and compile the demo applications included in the package Datecs JavaSDK.

IntelliJ IDEA is a special programming environment or integrated development environment (IDE) largely meant for Java. This environment is used especially for the development of programs. It is developed by a company called JetBrains, which was formally called IntelliJ. It is available in two editions: the Community Edition, which is licensed by Apache 2.0, and a commercial edition known as the Ultimate Edition. Both can be used to create software that can be sold. What makes IntelliJ IDEA so different from its counterparts is its ease of use, flexibility and its solid design.

### 1. Download IntelliJ IDEA from <https://www.jetbrains.com/idea/>.

Open the page and download the version you want, the instruction that follows is for Windows.



**IntelliJ IDEA**

Version: 2019.1.2  
Build: 191.7141.44  
Released: May 8, 2019  
[Release notes](#)  
[System requirements](#)  
[Installation instructions](#)  
[Previous versions](#)

### Download IntelliJ IDEA

Windows macOS Linux

#### Ultimate

For web and enterprise development

[Download](#) [.EXE](#)

Free trial

#### Community

For JVM and Android development

[Download](#) [.EXE](#)

Free, open-source

License	Commercial	Open-source, Apache 2.0
Java, Kotlin, Groovy, Scala	✓	✓
Android	✓	✓
Maven, Gradle, SBT	✓	✓
Git, SVN, Mercurial	✓	✓
Perforce	✓	
JavaFX, TornadoFX	✓	

## 2. Run the idea **idea-2019.X.X.exe** - file that starts the Installation Wizard.

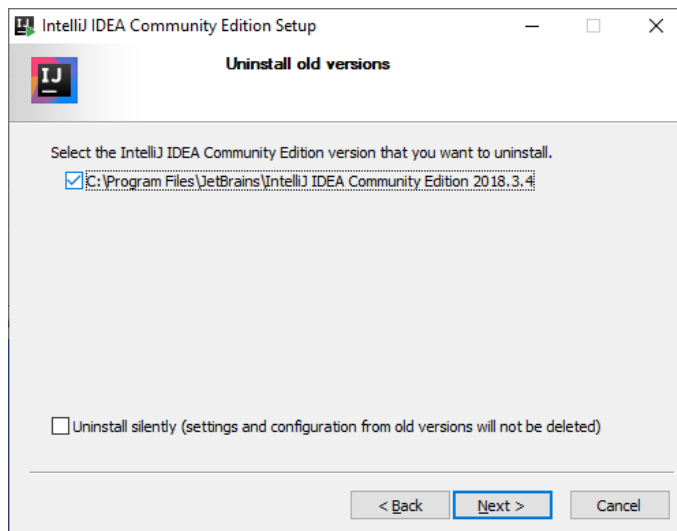
Follow all steps suggested by the wizard.

## 3. System requirements

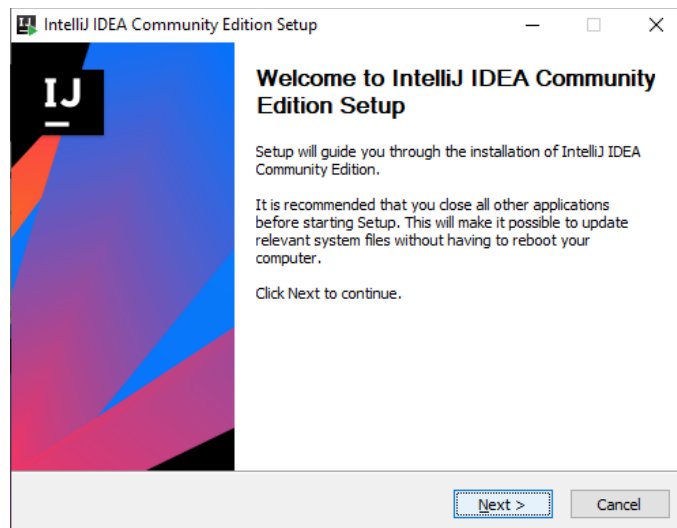
- 64-bit versions of Microsoft Windows 10, 8, 7 (SP1)
- macOS 10.11 or higher for MAC
- GNOME or KDE desktop for Linux
- 4 GB RAM minimum, 8 GB RAM recommended
- 25 GB hard disk space, SSD recommended
- 1024x768 minimum screen resolution

#### 4. Uninstall of old versions.

If you have an old IDE version, the wizard installer will offer you to remove it. The demo apps that are included in the package do not depend on the IDE version but we try to develop only on the latest versions.

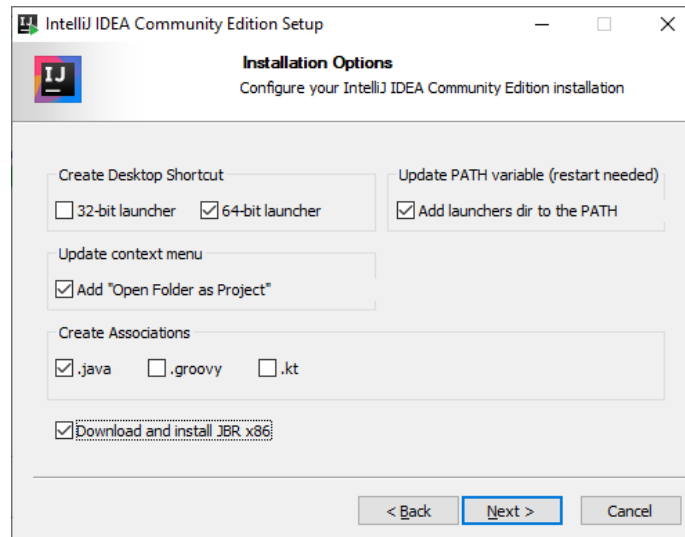


#### 5. IntelliJ Install



Click the next button to begin.

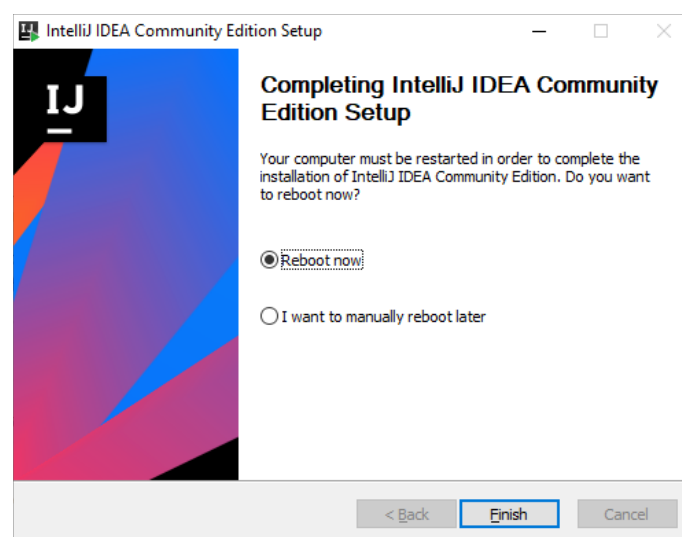
6. Create a desktop shortcut or any file type associations, or simply click next to accept the default values.



**Add “Open Folder as Project”** ,It will allow you to open the project folders from the explorer by right-button mouse menu.

**Download and install JBR x86** - This option should only be used if your are working on 32-bit OS that doesn't allow running 64-bit JDK. Otherwise, there is no need to select this option.

7. Restart the Windows to update settings.



## 8. Open Datecs JavaSDK Demo Project

Go to the folder where the projects from the Datecs JavaSDK demo have been extracted.

### List of all supported device by Demo Project DevicesGroup\_AB:

ECR: DP-05,DP-15,DP-25, DP-35 , WP-50, DP-150

Fiscal Printers: FP-800,FP-2000,FP-650,SK1-21F,SK1-31F,FMP-10,FP-550,FP-700

### List of all supported device by Demo Project DevicesGroup\_C:

FMP-350X, FMP-55X,FP-700X,WP-500X,WP-50X,DP-25X,DP-150X

By selecting the project you want to open and by right-clicking on the menu choose **Open Folder as IntelliJ IDEA project**.

