

Turiba University

(Jyoti)

( IntelliJ Idea )

Professional Bachelors Degree

Computer System

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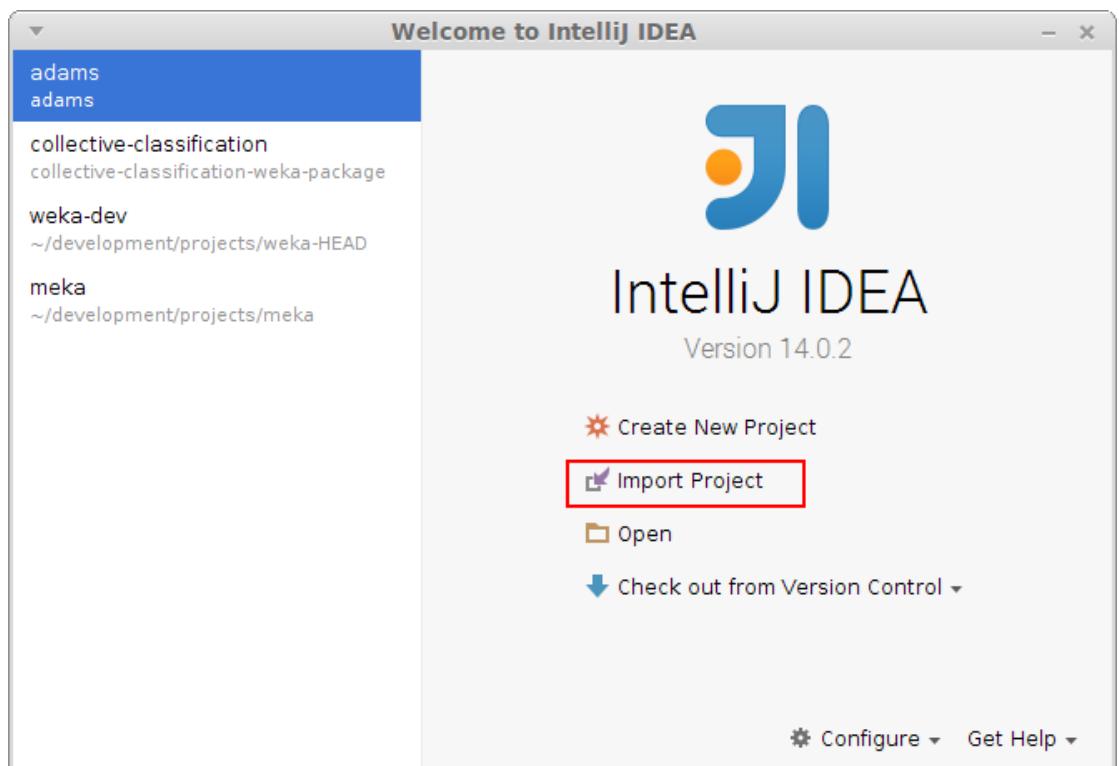
## I. What is IntelliJ IDEA ?

A Powerful IDE for Java and Multilanguage Development



**IntelliJ IDEA** is a professional **Integrated Development Environment (IDE)** developed by JetBrains.

- Designed primarily for **Java**, but supports:
- Kotlin
- Python



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- JavaScript

- SQL



## Many more via plugins

Known for:

- Smart code completion
- Deep static code analysis
- Productivity tools
- Integrated version control (Git)

Versions of IntelliJ IDEA

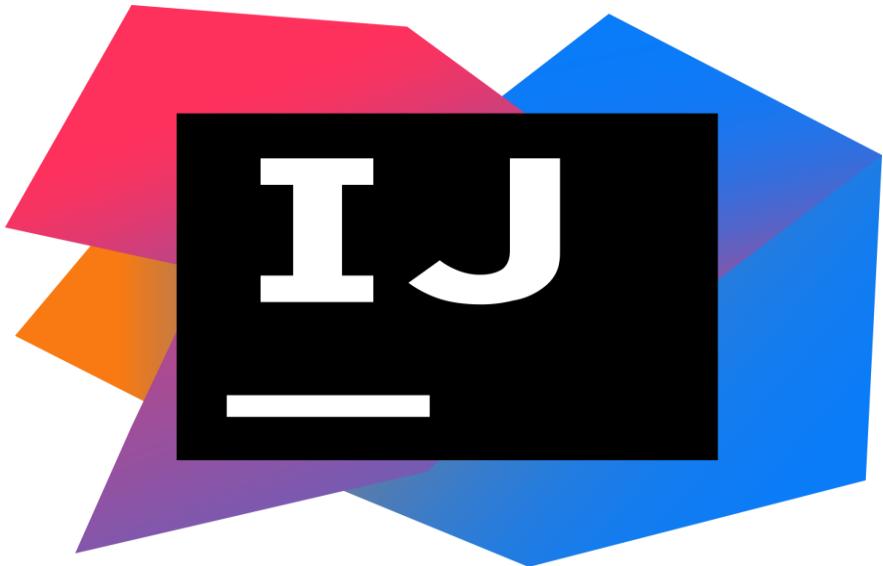
### 1. Community Edition (Free)

- Open-source
- Java, Kotlin, Groovy, Android support

### 2. Ultimate Edition (Paid)

- All Community features +
  - Spring, Jakarta EE, Micronaut
  - Database tools
  - JavaScript/Node.js

- Web frameworks (React, Angular)



## System Requirements (General)

- **OS:** Windows, macOS, Linux
- **RAM:** 8 GB minimum (16 GB recommended)
- **Storage:** ~3 GB for installation
- **JDK:** Bundled with IDE, or you can install a custom JDK

## How to Download IntelliJ IDEA

Go to the JetBrains website:

<https://www.jetbrains.com/idea>

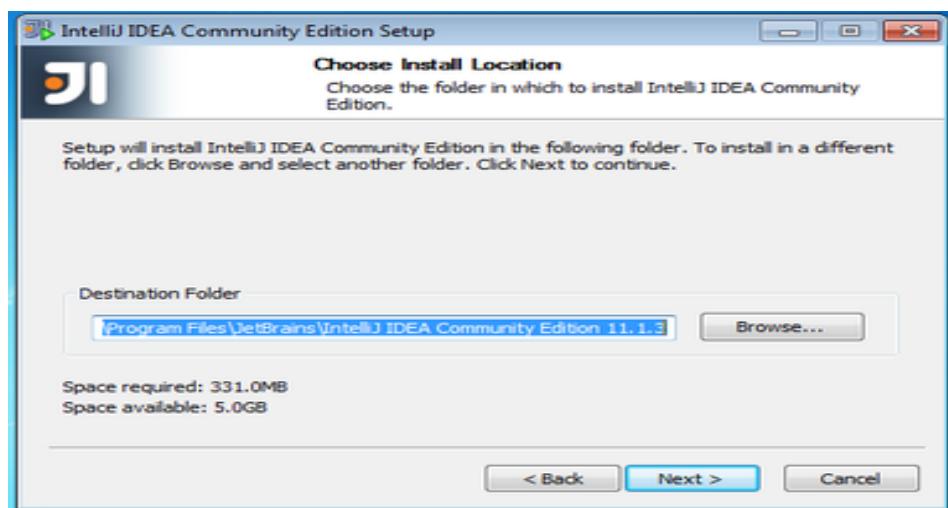
1. Select **Community** or **Ultimate** edition
2. Click **Download**
3. Choose your operating system
4. Run the downloaded installer



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## Installation (Windows)

1. Launch the .exe installer
2. Accept the license agreement
3. Choose installation location
4. (Optional) Select:
  5. Add “Open Folder as Project”
  6. Create Desktop Shortcut
  7. Update PATH
8. Click **Install**



# First Launch Setup

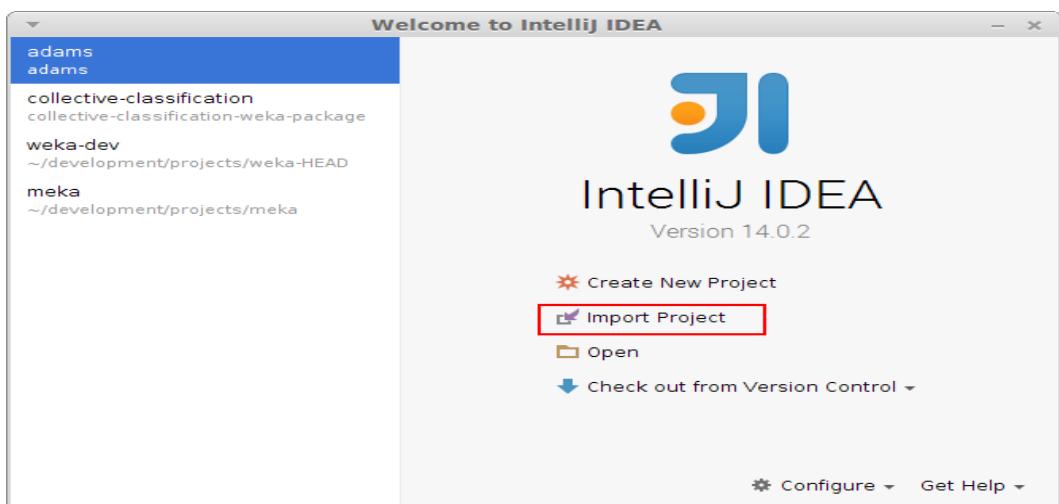
- Choose **UI Theme**: Light or Dark
- Select default plugins
- Import settings (optional)
- Choose **JDK version**:

IDE may install a recommended JDK automatically

- Configure Version Control (Git optional)

# Creating a New Project

- Open IntelliJ IDEA
- Click **New Project**
- Choose project type (Java/Kotlin/etc.)
- Select **JDK version**
- Choose project template
- Set project location
- Click **Create**



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