

# Java Intro – Installation Notes

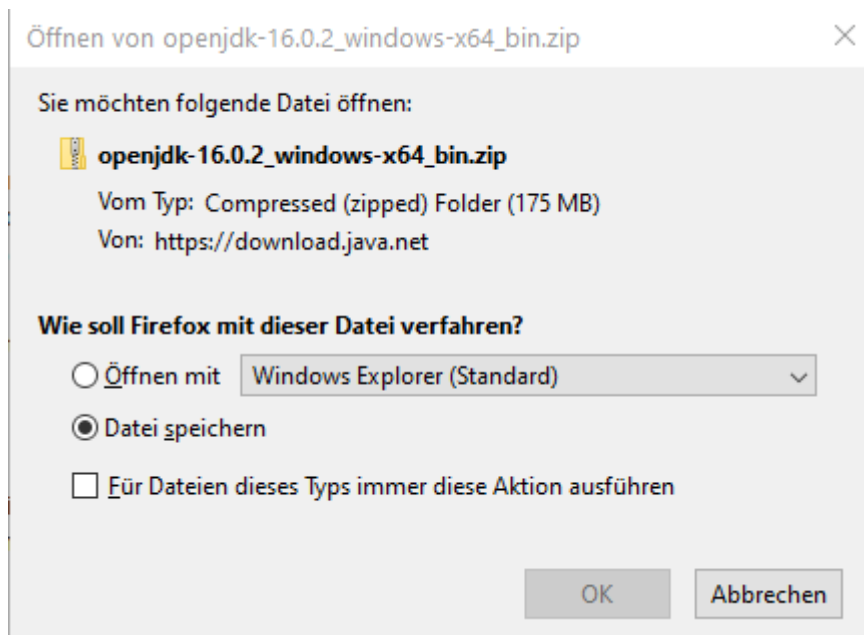
Edition 08/2021

## Inhalt

OpenJDK.....	2
Eclipse .....	3
Projects .....	6

## OpenJDK

- URL: <https://openjdk.java.net/>
- Download JDK16: <https://jdk.java.net/16/>
- Download ZIP



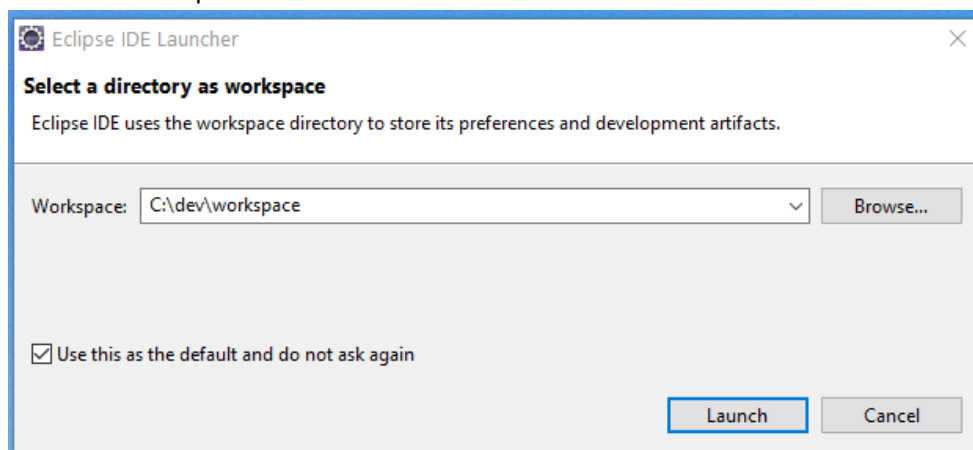
- Extract to folder  
Sample: c:\dev\software\jdk-16.0.2

# Eclipse

- URL: <https://www.eclipse.org>
- Eclipse Packages: <https://www.eclipse.org/downloads>
- Download IDE:



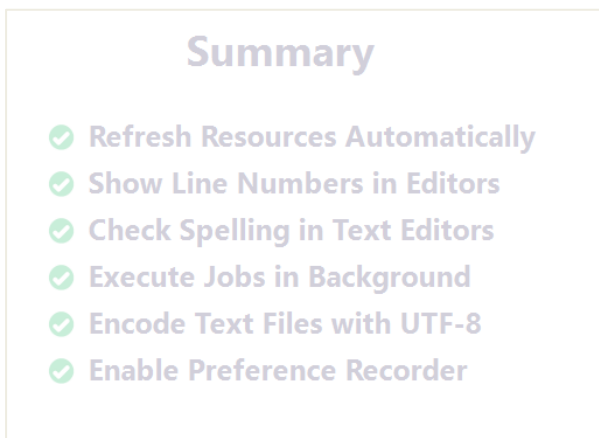
- Extract to folder  
Sample: c:\dev\software\eclipse
- Go to installation Folder and run eclipse.exe
- Choose a workspace location and set as default:



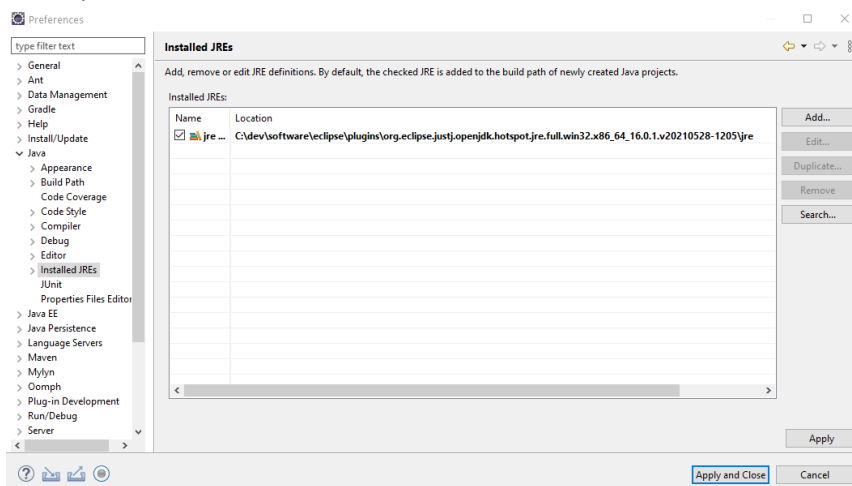
- Check IDE Configuration



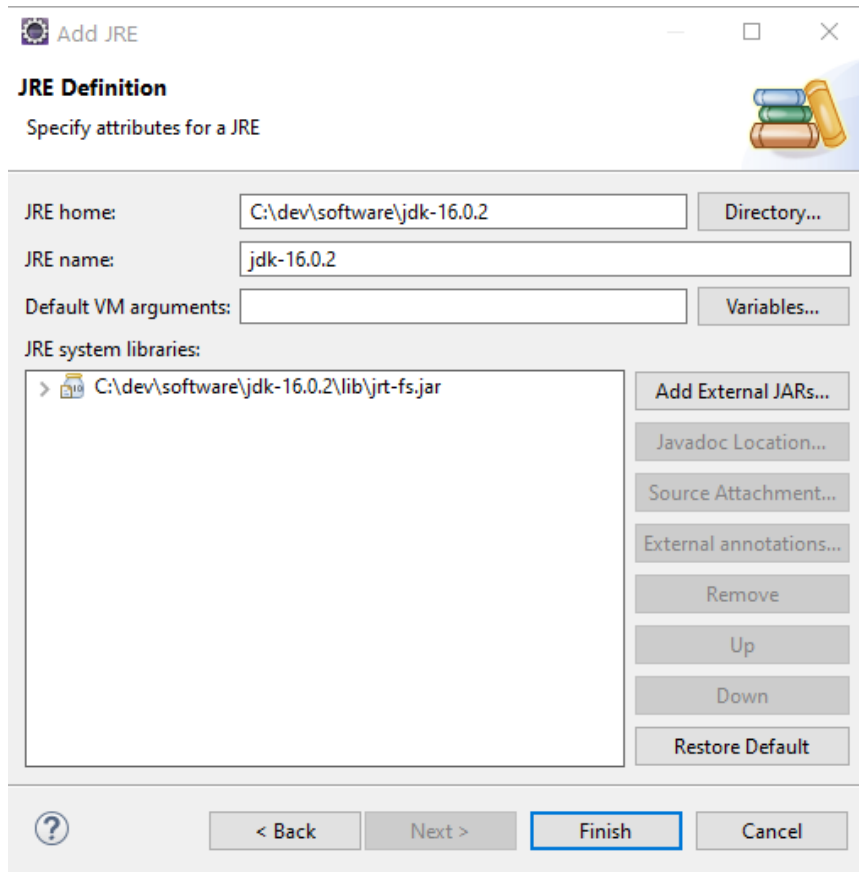
Enable all Settings:



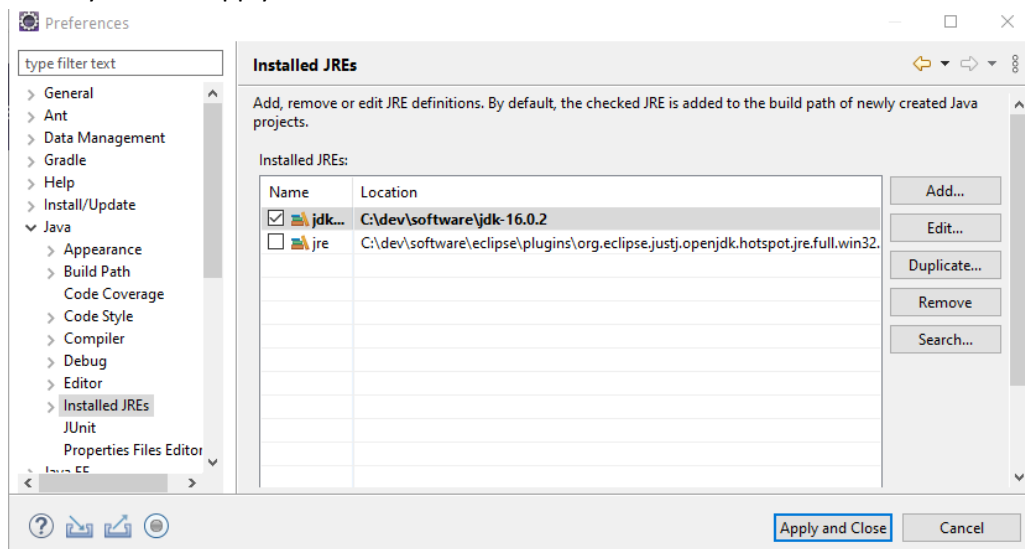
- Add OpenJDK to installed JREs: Windows / Preferences



- Add / Standard VM / Chose Installation folder:



- Select your JDK: Apply and Close



## Projects

- Open Git Bash and go to your **workspace folder**.

- Clone the following Projects:

```
git clone https://github.com/iten-engineering/java.git  
git clone https://github.com/iten-engineering/workshop.git
```

- Create new project **java** with the following steps:
  - File / New / Project.. / Java Project <Next>
  - Project name: java <Next> then <Finish>
  - Create module-info.java? <Don't Create>
  - Open the Java perspective? <Open Perspective>
- Create new project **workshop** with the following steps:
  - File / New / Project.. / Java Project <Next>
  - Project name: workshop <Next> then <Finish>
  - Create module-info.java? <Don't Create>
  - Open the Java perspective? <Open Perspective>

Further detail see: <https://stackoverflow.com/questions/2636201/how-to-create-a-project-from-existing-source-in-eclipse-and-then-find-it>

### Working with the projects:

- Project **java**:
  - Has demo code (from the slides and more)
  - Is the location for your exercises
- Project **workshop**:
  - Contains the course slides, exercise descriptions and installation notes
  - Is updated during the course with the exercise solutions / proposals and other further course material