

# JavaFX Manual

New Austrian Coding School

## Installation guide to JavaFX & Java 11

In order to work with JavaFX we need to install Java 11.

### └ Installing Java 11:

Open your terminal and run this command:

```
sudo apt install openjdk-11-jdk
```

### └ Installing JavaFX:

Download JavaFX through [↓THIS LINK↓](#)

Unzip the files into a folder where you can easily find it again.

The unzipped folder will be called “**javafx-sdk-11.0.1**”

### └ Create a JavaFX project on IntelliJ:

Open **IntelliJ**



Create **New Project**



in the left column select the **JavaFX** preset. On the right column click on **NEW..** beside the **Project SDK** field and locate the **java-11-openjdk/lib** folder.

The path will look something like this: **/usr/lib/jvm/java-11-openjdk/lib**



type in a name and where you want to save the project (the project will open now)



go to **File → Project Structure → Modules** then go to the **Dependencies** tab and click the **+** symbol



select **JARs or directories** → navigate to the previously downloaded **javafx-sdk-11.0.1** folder and select the **/lib** folder inside. Then click **open**. Click **OK** to close the **Project Structure** window



next, go to **Run → Edit Configurations..** copy the following line and replace the “**path/to/javafx-sdk-11.0.1/lib**” with the path to where your **javafx-sdk-11.0.1** folder is located. Then paste the final command into the VM Options field.

```
--module-path /path/to/javafx-sdk-11.0.1/lib --add-modules=javafx.controls,javafx.fxml
```

Click **OK** and that's it.

You can now run the **Main** class inside the **/src/samples/** folder and it should open a blank window with a title of “Hello World”.

If the window opens everything worked!