

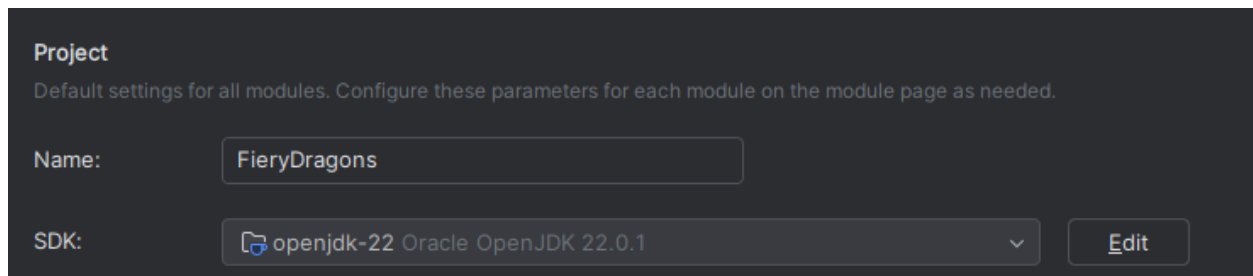
Executable Details

Description

FieryDragons.jar is the executable file for launching our Fiery Dragons implementation. Upon launching it, you will be greeted with a Main Menu prompting you to start the game or load a saved game file. After doing so, you will be taken to the board configuration screen and subsequently the main game.

Target platforms the executable can be run on

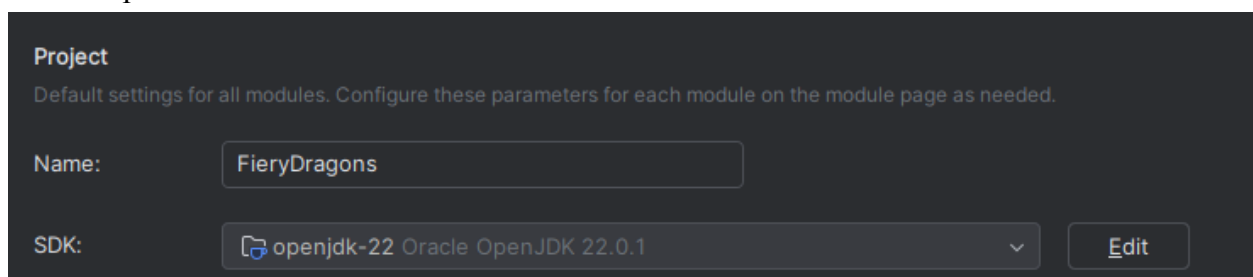
Java SDK Version used to run FieryDragons.jar: openjdk-22 Oracle OpenJDK 22.0.1



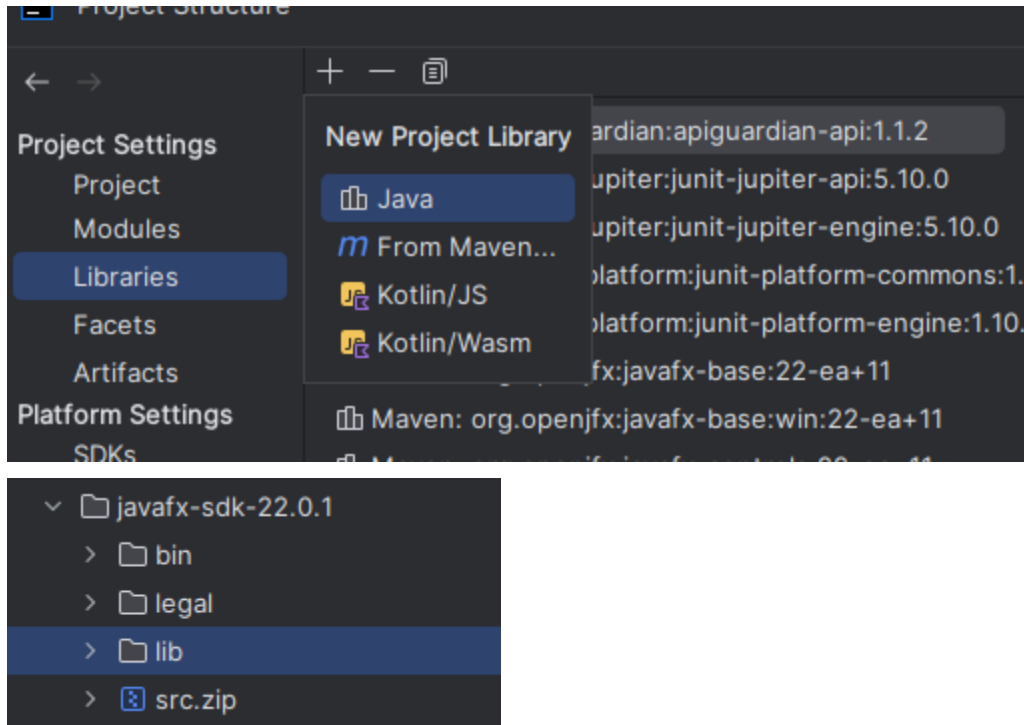
Operating System used to run FieryDragons.jar: Windows 10 Home 64-bit

How to build the executable from the source code

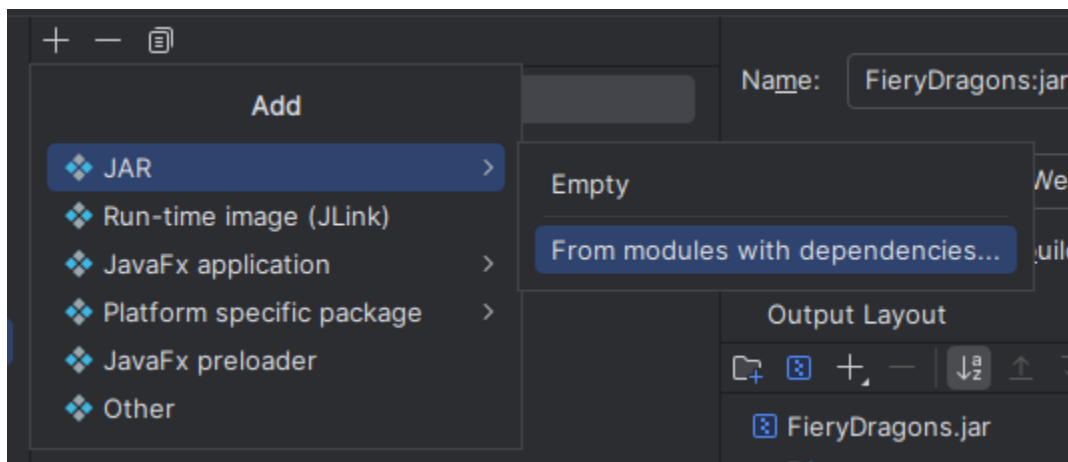
- 1) Install the latest version of IntelliJ IDEA Community Edition for Windows (<https://www.jetbrains.com/idea/download/?section=windows>) and if necessary, begin by creating a new JavaFX Project first, then open the FieryDragons project file.
- 2) Go to File -> Project Structure -> Project and ensure the SDK is set to openjdk-22 OpenJDK 22.0.1



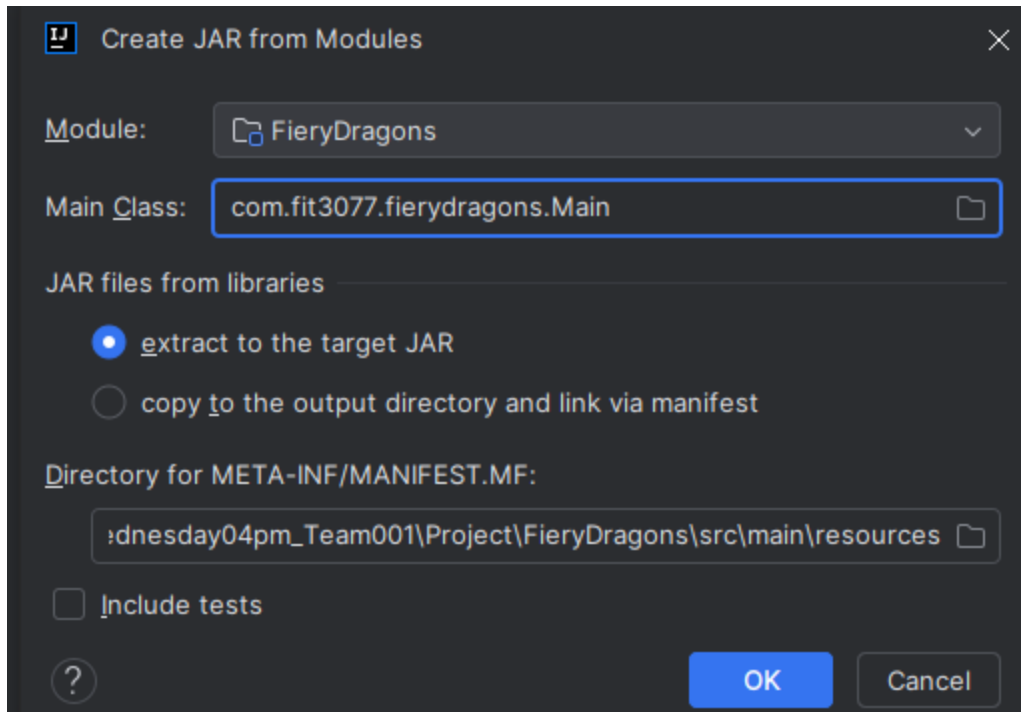
- 3) Install JavaFX 21 for Windows 10 64-bit, selecting the SDK installation (<https://gluonhq.com/products/javafx/>)
- 4) Go to File -> Project Structure -> Libraries and then add the JavaFX 21 SDK as a library to the project. Point it to the lib folder of the JavaFX SDK.



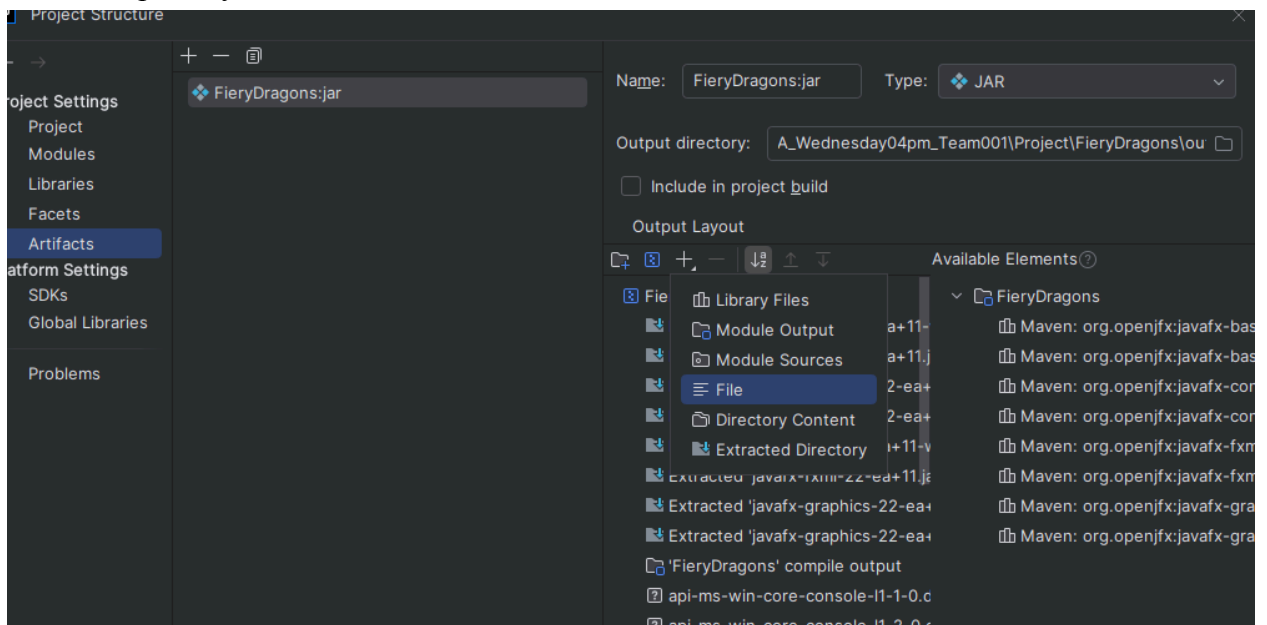
- 5) Go to File -> Project Structure -> Artifacts and then add a JAR from modules with dependencies



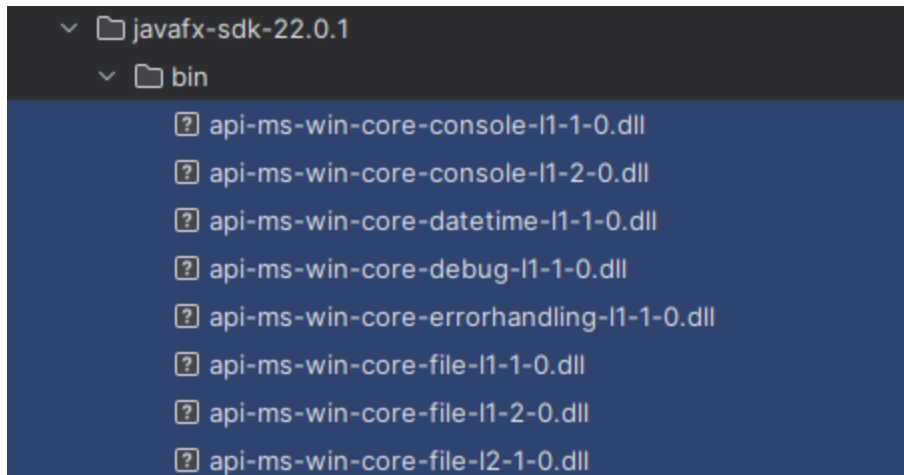
- 6) Point the Main Class to Main. Make sure that the Directory for META-INF/MANIFEST.MF points to /src/main/resources and NOT /src/main/java



7) Under Output Layout, click on Add a File

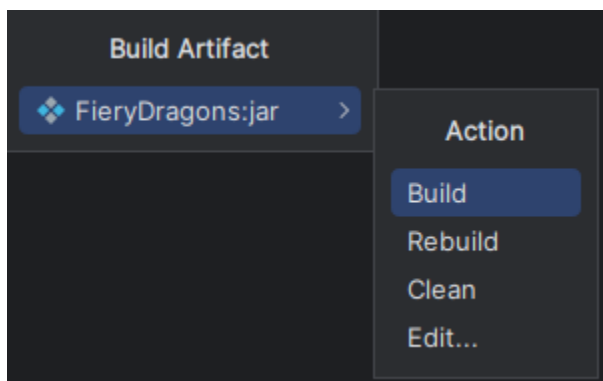
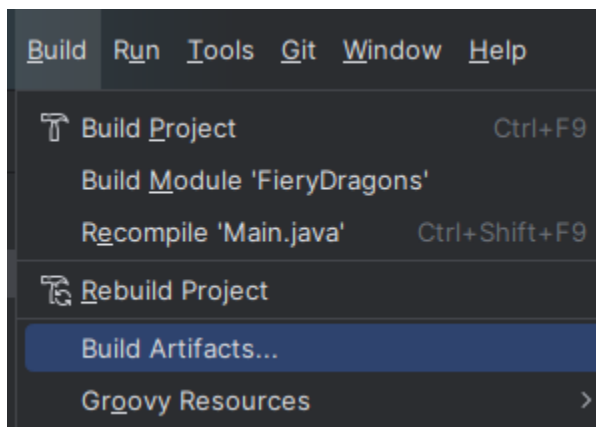


8) Navigate to the JavaFX SDK's bin folder and select all the .dll files within the bin folder



9) Press Apply and then Ok

10) Click on Build -> Build Artifacts -> FieryDragons.jar -> Build



11) Launch the FieryDragons.jar executable based on the instructions below

How to run the executable FieryDragons.jar

- 1) Install Oracle OpenJDK 22.0.1 for Windows 10 Home 64-bit
(<https://www.oracle.com/java/technologies/downloads/>)
- 2) Double click the FieryDragons.jar file