

# PREPARAR Y CONFIGURAR ENTORNO DE DESARROLLO PARA JAVAFX (VERSION POSTERIOR A JAVA8)

## ECLIPSE

### 1. DESCARGAR ECLIPSE E INSTALAR

### 2. Ir a la página oficial de JavaFX

The screenshot shows a web browser window with two tabs: 'JavaFX' and 'Getting Started with JavaFX'. The address bar shows the URL 'https://openjfx.io/openjfx-docs/'. The page title is 'JavaFX' and the main heading is 'Getting Started with JavaFX'. On the left, there is a sidebar with a list of links: 'Introduction', 'Install Java', 'Run HelloWorld using JavaFX', 'Run HelloWorld via Maven', 'Run HelloWorld via Gradle', 'Runtime images', 'JavaFX and IntelliJ', 'JavaFX and NetBeans', 'JavaFX and Eclipse', 'JavaFX and Visual Studio Code', and 'Next Steps'. The 'Introduction' link is highlighted. The main content area has the heading 'Introduction' and the following text: 'JavaFX allows you to create Java applications with a modern, hardware-accelerated user interface that is highly portable. There is [detailed reference documentation for JavaFX](#), and this short tutorial will show you how to write a JavaFX 19 application. For information on how to run JavaFX applications on mobile platforms, please see [Getting Started with Gluon Mobile](#). For information on Long Term Support (LTS) for JavaFX 11, please see [JavaFX Long Term Support options](#). JavaFX builds on top of JDK and is a standalone component. There are 2 different options for developing JavaFX applications: 

- Use the [JavaFX SDK](#) (choosing between 11 LTS, latest release 19 or an early access build).
- Use a build system (e.g. maven/gradle) to download the required modules from Maven Central (choosing as well between the same mentioned versions).

 In any case, for both options, it is required to have a recent version of JDK 19, or at least JDK 11. At the bottom, there are three buttons: 'Report a problem', 'Install Java', and 'I have Java installed'.

### 3. Bajar javaFX sdk

gluonhq.com · <https://gluonhq.com> › ... · [Traducir esta página](#) ⋮

## JavaFX - Gluon

The **JavaFX** runtime is available as a platform-specific **SDK**, as a number of jmods, and as a set of artifacts in maven central. The OpenJFX page at openjfx.io ...

[JavaFX Long Term Support](#) · [OpenJFX 19 Release Notes](#) · [Developers](#)

## • Descargar y descomprimir

io Compartir Ver

« Disco local (C:) » Usuarios » beatriz » Descargas » openjfx-19.0.2.1\_windows-x86\_bin-sdk » javafx-sdk-19.0.2.1

Buscar no cartafol javafx-sdl

Nome	Data de modificación	Tipo	Tamaño
bin	19/01/2023 18:41	Cartafol de ficheiros	
legal	19/01/2023 18:41	Cartafol de ficheiros	
lib	19/01/2023 18:41	Cartafol de ficheiros	
src	19/01/2023 18:41	Cartafol comprimido ...	6.481 KB

## • En la carpeta lib se encuentra los archivo jar que necesitamos

Ficheiro Inicio Compartir Ver

« Este computador » TOSHIBA (F:) » CURSO22\_23 » DISTANCIA » TEMA2\_JAVAFX » javafx-sdk-19.0.2.1 » lib

Buscar no cartafol lib

Nome	Data de modificación	Tipo	Tamaño
javafx.base	19/01/2023 18:41	Executable Jar File	735 KB
javafx.controls	19/01/2023 18:41	Executable Jar File	2.489 KB
javafx.fxml	19/01/2023 18:41	Executable Jar File	128 KB
javafx.graphics	19/01/2023 18:41	Executable Jar File	4.163 KB
javafx.media	19/01/2023 18:41	Executable Jar File	272 KB
javafx	19/01/2023 18:41	Archivo de origen Pr...	1 KB
javafx.swing	19/01/2023 18:41	Executable Jar File	87 KB
javafx.web	19/01/2023 18:41	Executable Jar File	711 KB
javafx-swt	19/01/2023 18:41	Executable Jar File	37 KB

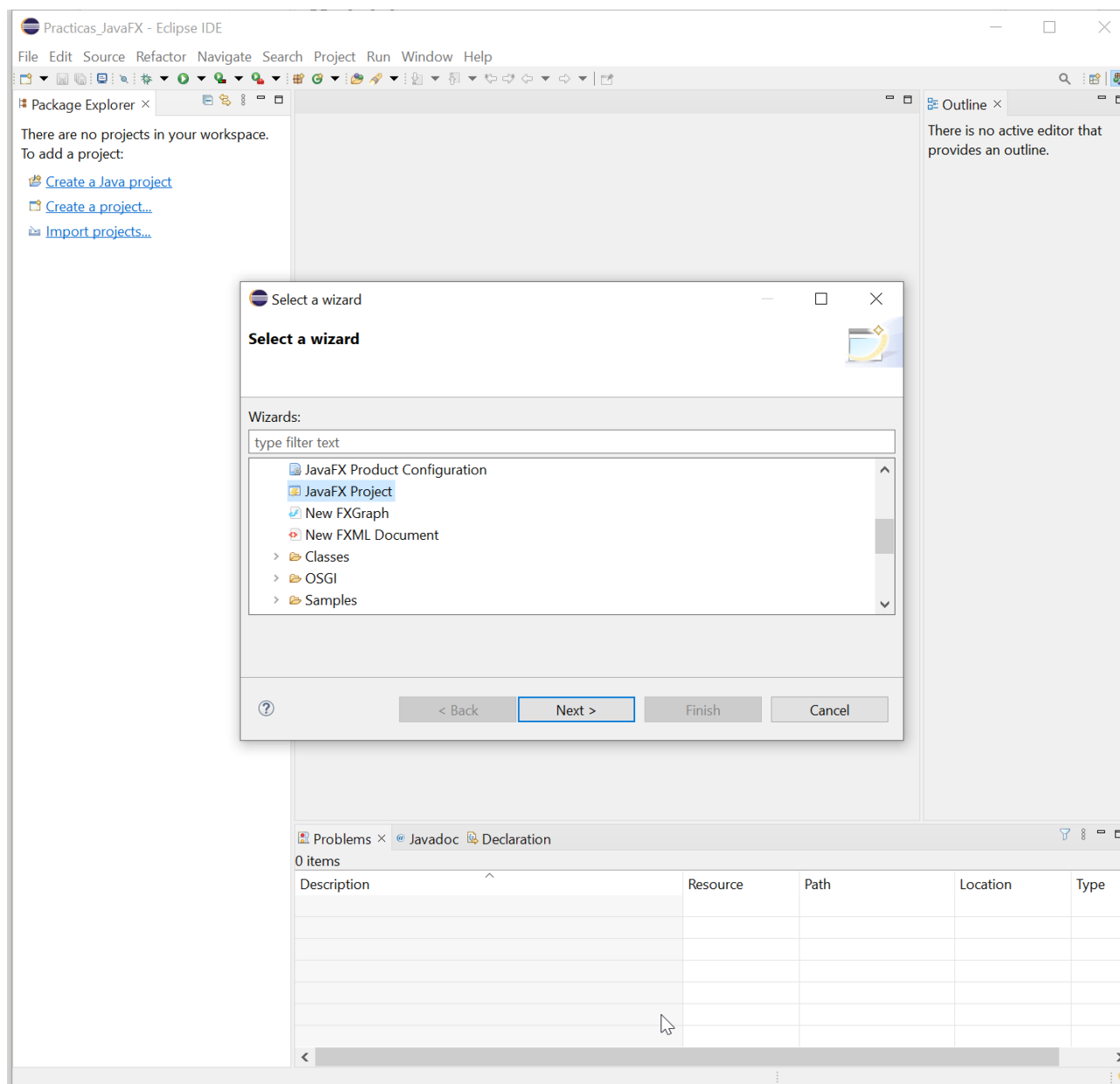
#### 4. CONFIGURAR ECLIPSE PARA JAVA FX

- **DESCARGAR PLUGIN ADICIONAL PARA CREAR PROYECTOS JAVA FX.**

Para ello nos vamos a Eclipse → Help → Eclipse Marketplace → JavaFX

The screenshot shows the Eclipse IDE interface. The 'Help' menu is open, and 'Eclipse Marketplace...' is selected. Below it, the Eclipse Marketplace window is displayed. The search bar contains 'javaFX'. The results list includes 'EntireJ 5.1.10', 'e(fx)clipse 3.8.0' (highlighted with a red box), and 'JBizMo 6.5.0'. The 'e(fx)clipse 3.8.0' entry shows it has 581 stars and 681K installs. The 'Install' button is visible for this entry.

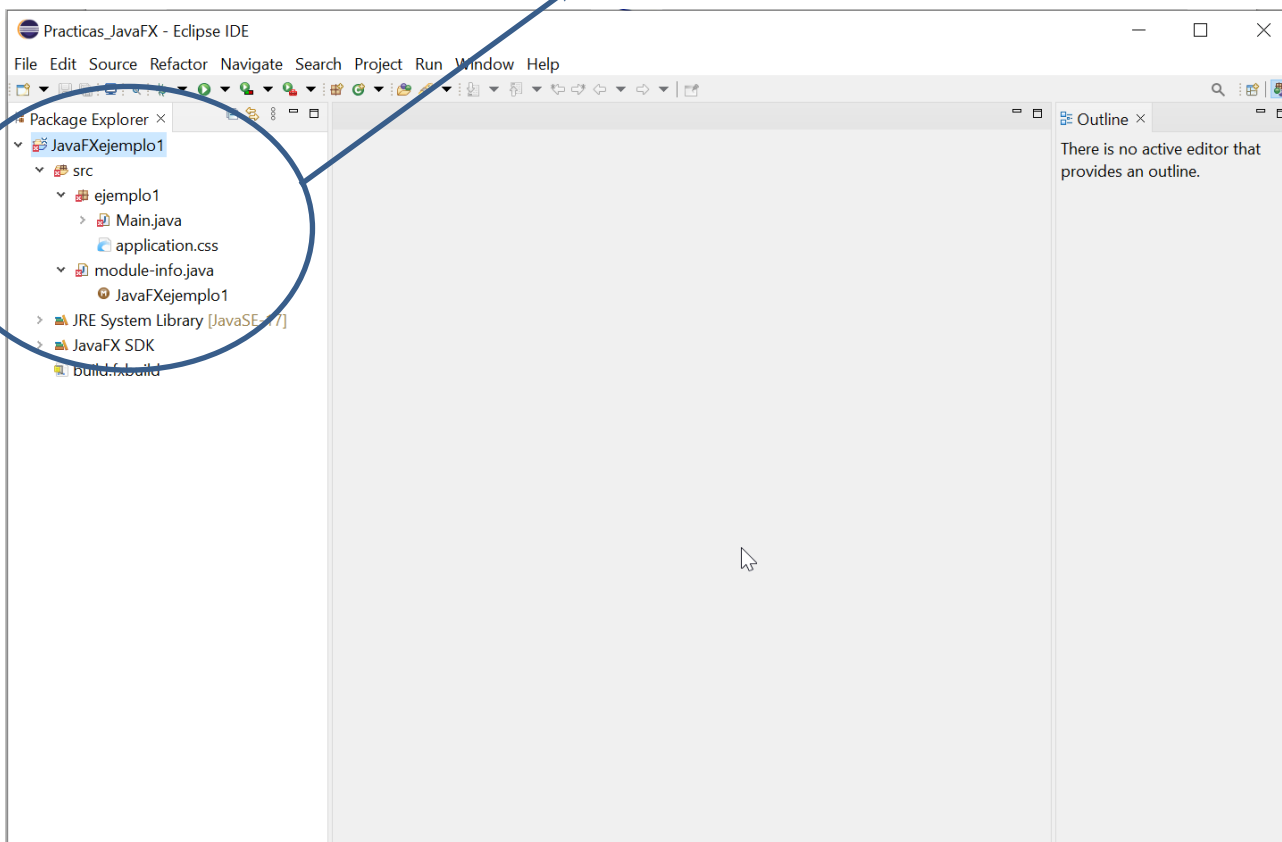
Una vez instalado tenemos que reiniciar eclipse



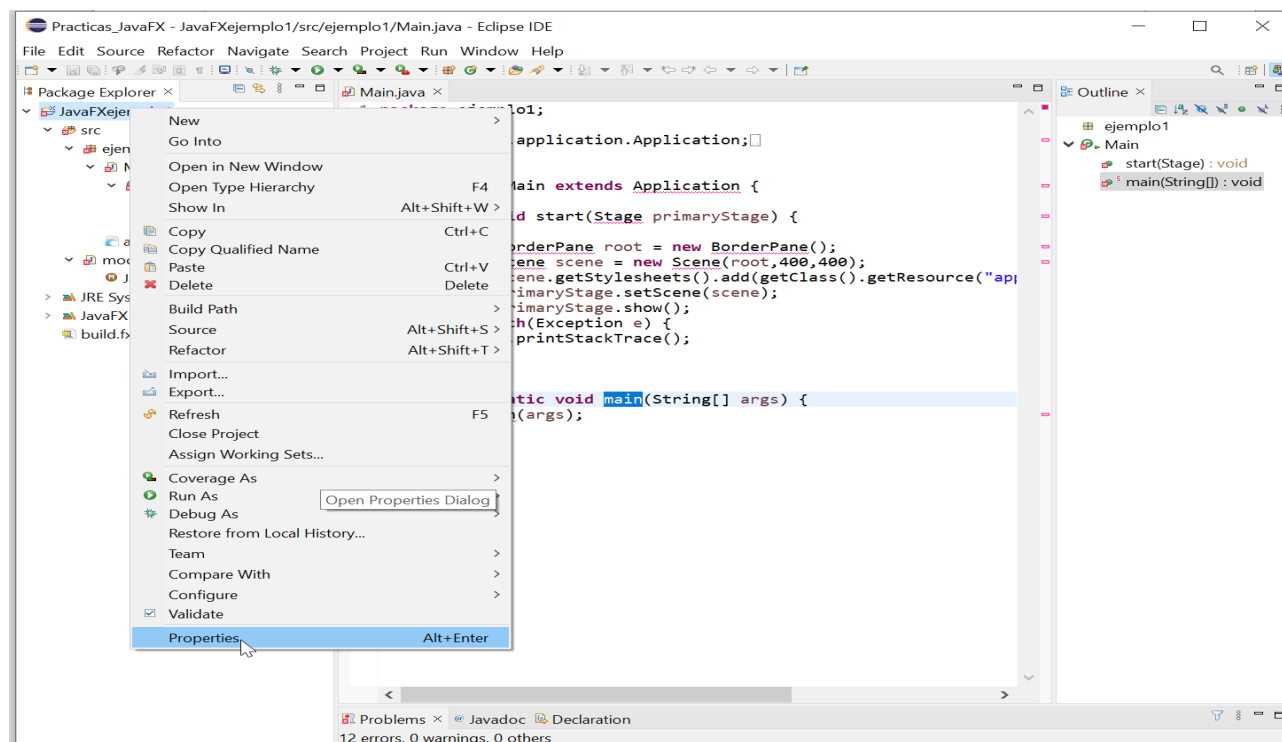
- **CREAR UN NUEVO PROYECTO JAVAFOX. PARA ELLO ELEGIMOS LA OPCIÓN OTHER**

## PROYECTO CREADO

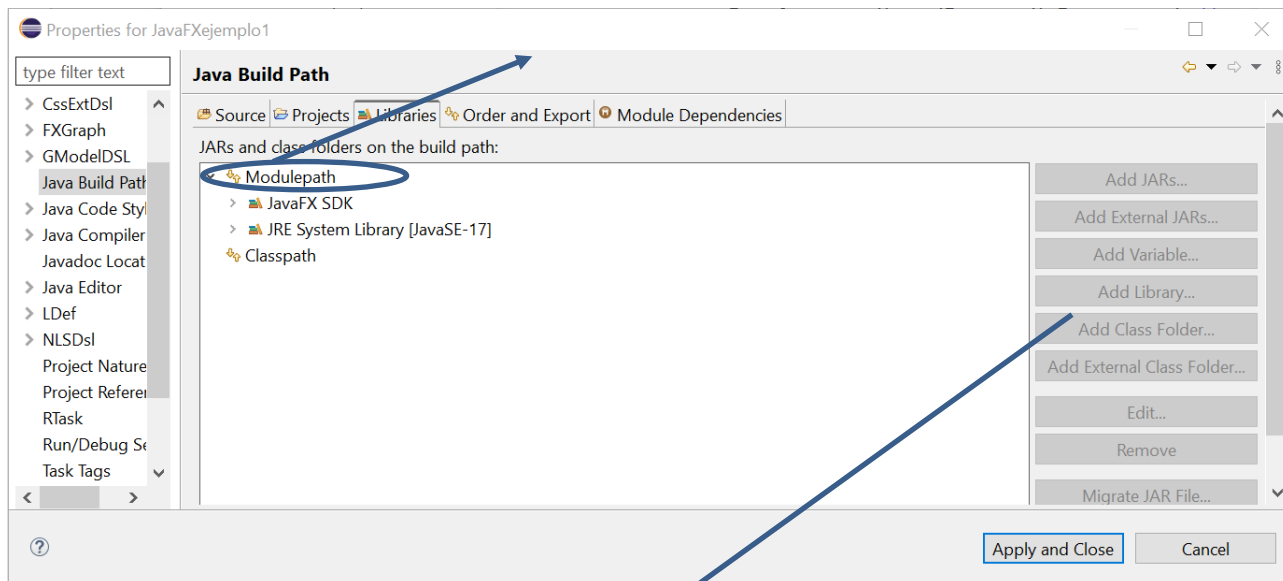
Sigue teniendo errores



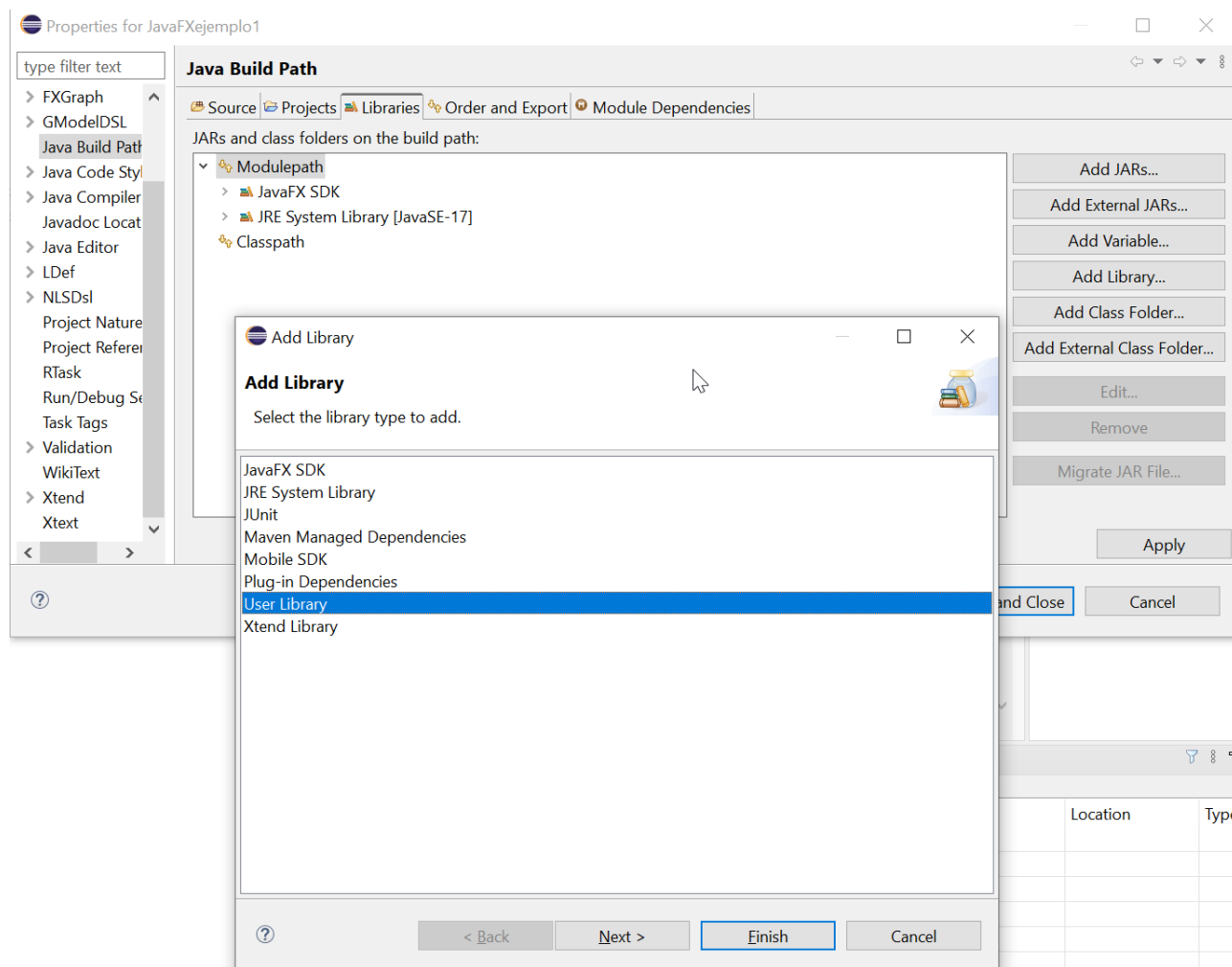
- No reconoce la clase javafx, ni application, por lo que tenemos que aplicar la librería que hemos descargado. Para ello vamos a la raíz del proyecto, y con el menú del botón derecho elegir properties.



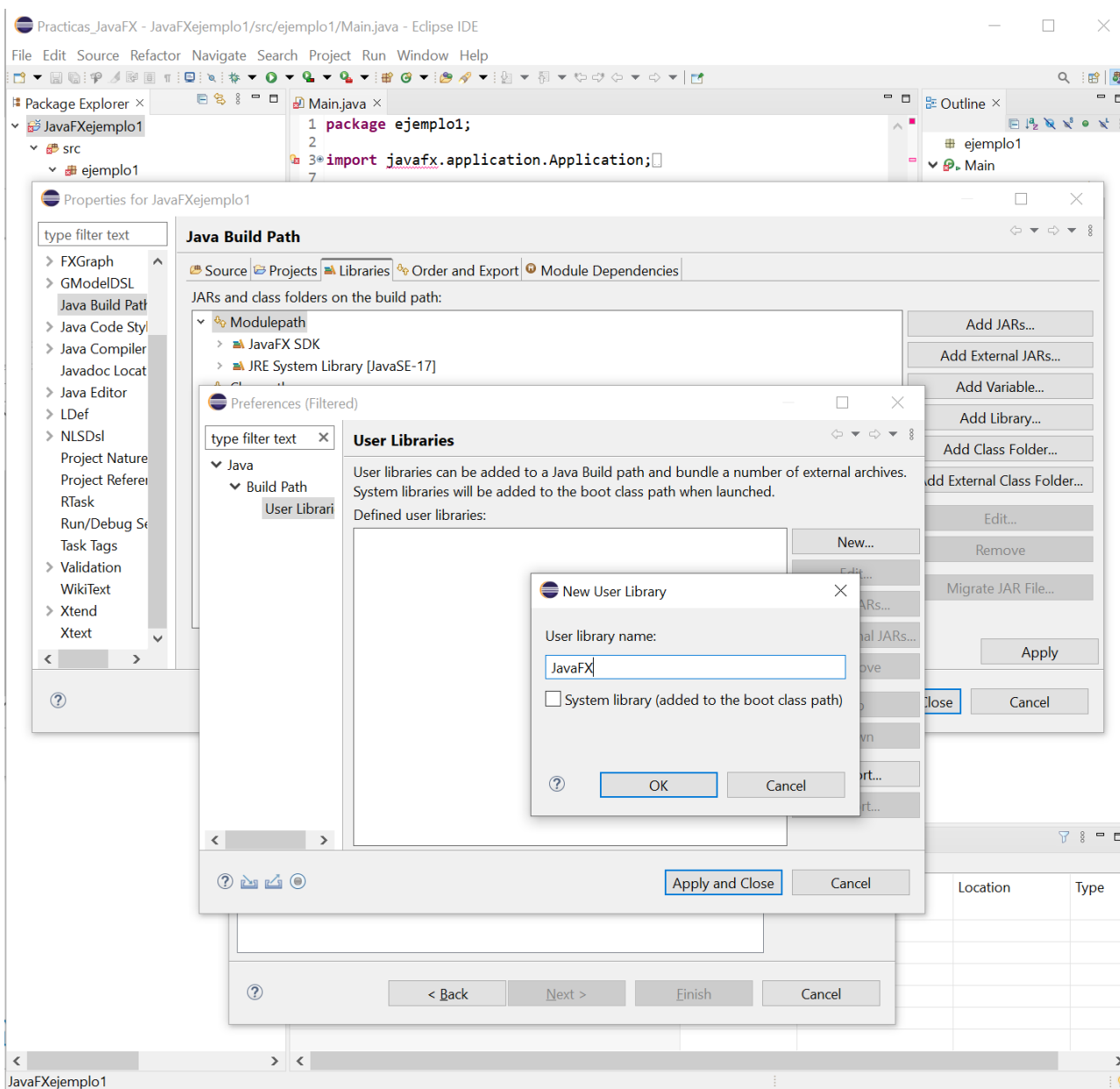
- Vamos a agregar una nueva librería. Para ello vamos a Java Build Path → Libraries. Aquí hay que incluir la librería de JavaFX. Para ello vamos a construir una librería de usuario, en la que



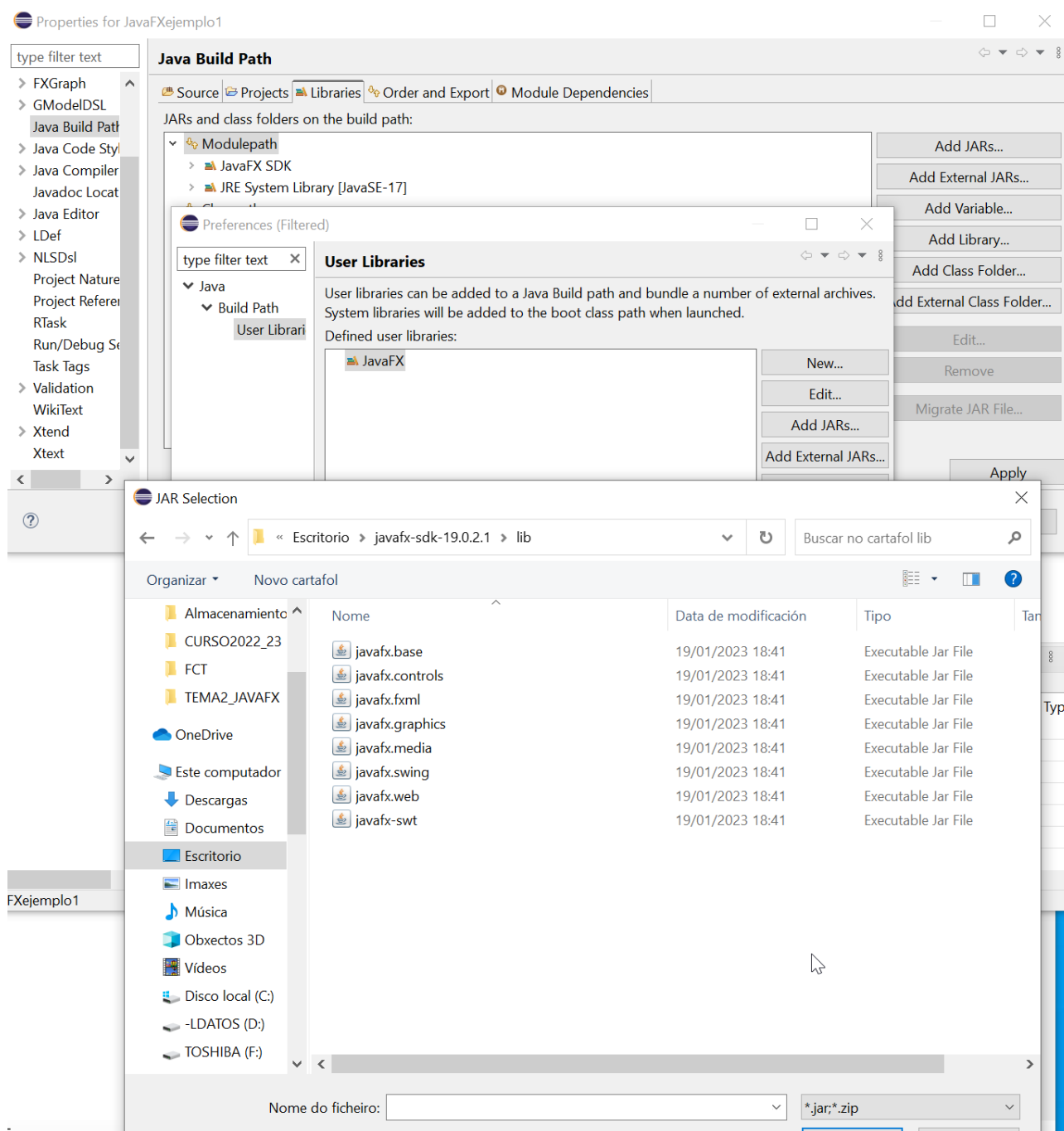
AÑADIR UNA NUEVA LIBRERIA DE USUARIO



- Crear una nueva librería de usuario. Para ello le damos un nombre, en este caso JavaFX, pero puede ser cualquier otro.



- Como la nueva librería está vacía tenemos que rellenarla con la librería descargada de JavaFX



Al final pulsar el botón Apply/Close y deberían de desaparecer todos los errores que aparecían antes.



The screenshot shows the Eclipse IDE with the 'Run Configurations' dialog open. The dialog is titled 'Create, manage, and run configurations' and 'Run a Java application'. The 'Main' configuration is selected in the left pane. The 'Name' field is 'Main'. The 'Program arguments' field is empty. The 'VM arguments' field contains: `--module-path "C:\Users\beatriz\Desktop\javafx-sdk-19.0.2.1\lib" --add-modules javafx.controls,javafx.fxml`. The 'Working directory' is set to 'Default' with the value `${workspace_loc:JavaFXejemplo1}`. The 'Use the -XX:+ShowCodeDetailsInExceptionMessages argument when launching' checkbox is checked. The 'Use @argfile when launching' checkbox is unchecked. The 'Filter matched 13 of 13 items' message is visible at the bottom left of the dialog. The 'Run' button is highlighted in blue.