Introduction（介绍）

JavaFX allows you to create Java applications with a modern, hardware-accelerated user interface that is highly portable.

This tutorial will help you to write a JavaFX 12 application and run it on desktop platforms.

For information on how to run JavaFX applications on mobile platforms, please see [Getting Started with Gluon Mobile](https://docs.gluonhq.com/getting-started/" \t "https://openjfx.io/openjfx-docs/_blank).

For information on Long Term Support (LTS) for JavaFX 11, please see [JavaFX Long Term Support options](https://gluonhq.com/services/javafx-support/" \t "https://openjfx.io/openjfx-docs/_blank).

JavaFX 12 builds on top of JDK 12 and is a standalone component. There are 2 different options for developing JavaFX applications:

* Use the [JavaFX SDK](https://gluonhq.com/products/javafx/" \t "https://openjfx.io/openjfx-docs/_blank)
* Use a build system (e.g. maven/gradle) to download the required modules from Maven Central.

For both options, it is required to have a recent version of JDK 12, or at least JDK 11.

JavaFX（提供便捷的接口）助你创建现代的硬件加速的Java应用程序。

本教程将帮助你编写JavaFX12应用程序并在桌面系统平台（windows,linux,mac）上运行。

想要了解如何在移动设备（如手机，PAD）的系统平台上运行JavaFX应用程序，请参见[Getting Started with Gluon Mobile](https://docs.gluonhq.com/getting-started/" \t "https://openjfx.io/openjfx-docs/_blank)。

想要了解 JavaFX 11长期支持（Long Term Support (LTS) ）信息，请参见 [JavaFX Long Term Support options](https://gluonhq.com/services/javafx-support/" \t "https://openjfx.io/openjfx-docs/_blank)。

JavaFX 12基于JDK 12构建，是一套独立组件（不依赖于其它模块或类库）。开发JavaFX应用程序分为以下两个情况：

1. 使用 [JavaFX SDK](https://gluonhq.com/products/javafx/" \t "https://openjfx.io/openjfx-docs/_blank)
2. 使用构建工具（如：maven/gradle）去Maven仓库（Maven Central）下载所需的模块。

上面两种情况都需要最新的JDK12版本或者至少也是JDK11版本。