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Titolo	Frontend Development with JavaFX and Kotlin : Build State-of-the-Art Kotlin GUI Applications // by Peter Späth
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Nota di contenuto	Chapter 1: Getting started -- Chapter 2: Properties, Bindings, and Observable Collections -- Chapter 3: Stages and Scenes -- Chapter 4 : Nodes and Controls -- Chapter 5 : Lists and Tables -- Chapter 6 : Event Handling -- Chapter 7: Effects and Animation -- Chapter 8: Concurrency.
Sommario/riassunto	Build elegant, responsive, and stable Java Virtual Machine-based client applications (Fat Clients) with modern user interfaces. This book introduces JavaFX as a frontend technology and utilizes Kotlin instead of Java for coding program artifacts to boost code expressiveness and maintainability. Author Peter Späth employs a hands-on approach, providing practical examples and code to demonstrate each concept. Mid-level Java programming knowledge and a basic understanding of Kotlin are the only prerequisites; experience with JavaFX and frontend coding is not essential. JavaFX is a modern frontend programming toolkit equipped with containers, menus, buttons, sliders, text fields, and various other controls necessary for communicating with your users, all of which are covered here. Despite its name, JavaFX

applications can be coded with programming languages other than Java. The central requirement is that any language targeting JavaFX compiles to artifacts runnable on a Java Virtual Machine. Over the course of this book, you'll learn firsthand why Kotlin, with its elegant and concise syntax, is a perfect match. After completing Frontend Development With JavaFX and Kotlin, you will be able to build frontends of mid-to-high level complexity, depending on present Java skills, and use Kotlin as a language for addressing GUI programming needs and accessing the JavaFX API. You will: Create a JavaFX + Kotlin development pipeline for Gradle, Eclipse and IntelliJ Use JavaFX scenes, stages, and nodes/controls Master JavaFX event handling, effects, and animation using Kotlin Understand the JavaFX Concurrency Framework and Kotlin Coroutines for JavaFX.
