

1. Record Nr.	UNINA9910132178903321
Autore	Weaver James
Titolo	Pro JavaFX 8 : A Definitive Guide to Building Desktop, Mobile, and Embedded Java Clients / / by James Weaver, Weiqi Gao, Stephen Chin, Dean Iverson, Johan Vos
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2014
ISBN	9781430265757 1430265752
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (604 p.)
Disciplina	004 005.437 4019
Soggetti	Java (Computer program language) Software engineering User interfaces (Computer systems) Human-computer interaction Java Software Engineering User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index. "The Expert's Voice in Java"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents at a Glance""; ""Contents""; ""About the Authors""; ""About the Technical Reviewer""; ""Acknowledgments""; ""Introduction""; ""Chapter 1: Getting a Jump Start in JavaFX""; ""A Brief History of JavaFX""; ""Prepare Your JavaFX Journey""; ""Required Tools""; ""JavaFX, the Community""; ""Use the Official Specifications""; ""ScenicView""; ""Packaging and Distribution""; ""Developing Your First JavaFX Program: Hello Earthrise""; ""Compiling and Running from the Command Line""; ""Understanding the Hello Earthrise Program""; ""What Happened to the Builders?""; ""The JavaFX Application"" ""A Stage and a Scene""; ""Displaying Images""; ""Displaying Text""; ""Working with Graphical Nodes as a Group""; ""Clipping Graphical

Areas"; "Animating the Text to Make It Scroll Up"; "Building and Running the Program with NetBeans"; "Developing Your Second JavaFX Program: More Cowbell!"; "Building and Running the Audio Configuration Program"; "The Behavior of the Audio Configuration Program"; "Understanding the Audio Configuration Program"; "The Magic of Binding"; "Colors and Gradients"; "The Model Class for the Audio Configuration Example"
"Using InvalidationListeners and Lambda Expressions""Surveying JavaFX Features"; "Summary"; "Resources"; "Foreword"; "Chapter 2: Creating a User Interface in JavaFX"; "Programmatic Versus Declarative Creation of the User Interface"; "Introduction to Node-Centric UIs"; "Setting the Stage"; "Understanding the Stage Class"; "Using the Stage Class: The StageCoach Example"; "Understanding the StageCoach Program"; "Obtaining Program Arguments"; "Setting the Style of the Stage"; "Controlling Whether a Stage Is Resizable"; "Making a Stage Full Screen"
"Working with the Bounds of the Stage""Drawing Rounded Rectangles"; "Dragging the Stage on the Desktop When a Title Bar Isn't Available"; "Using UI Layout Containers"; "Ascertaining Whether the Stage Is in Focus"; "Controlling the Z-Order of the Stage"; "Closing the Stage and Detecting When It Is Closed"; "Making a Scene"; "Using the Scene Class: The OnTheScene Example"; "Understanding the OnTheScene Program"; "Setting the Cursor for the Scene"; "Painting the Scene's Background"; "Populating the Scene with Nodes"; "Finding a Scene Node by ID"
"Accessing the Stage from the Scene""Inserting a Node into the Scene's Content Sequence"; "CSS Styling the Nodes in a Scene"; "Handling Input Events"; "Surveying Mouse, Keyboard, Touch, and Gesture Events and Handlers"; "Understanding the KeyEvent Class"; "Understanding the MouseEvent Class"; "Understanding the TouchEvent Class"; "Understanding the GestureEvent Class"; "Animating Nodes in the Scene"; "Using a Timeline for Animation"; "The Metronome1 Example"; "Understanding the Metronome1 Program"; "Understanding the Timeline Class"
"Inserting Key Frames into the Timeline"

Sommario/riassunto

In Pro JavaFX 8 expert authors show you how to use the JavaFX platform to create rich-client Java applications. You'll discover how you can use this powerful Java-based UI platform, which is capable of handling large-scale data-driven business applications for PC as well as now mobile and embedded devices. Covering the JavaFX API, development tools, and best practices, this book provides code examples that explore the exciting new features provided with JavaFX 8 which comes as part of Oracle's new Java (SE) 8 release. This book also contains engaging tutorials that cover virtually every facet of JavaFX development and reference materials on JavaFX that augment the JavaFX API documentation. After reading and using this book, you'll have the authoritative knowledge that should give you an edge in your next JavaFX-based application projects for your job or your clients.
