



# Vaadin 7 UI Design By Example: Beginner's Guide

*By Alejandro Duarte*

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Do it all with Java! All you need is Vaadin and this book which shows you how to develop web applications in a totally hands-on approach. By the end of it you'll have acquired the knack and taken a fun journey on the way.

## Overview

- Learn how to develop Vaadin web applications while having fun and getting your hands dirty
- Develop relevant and unique applications following step-by-step guides with the help of plenty of screenshots from the start
- The best available introduction to Vaadin with a practical hands-on approach and easy to read tutorials and examples

## In Detail

Vaadin is a mature, open-source, and powerful Java framework used to build modern web applications in plain Java. Vaadin brings back the fun of programming UI interfaces to the web universe. No HTML, no CSS, no JavaScript, no XML. Vaadin lets you implement web user interfaces using an object oriented model, similar to desktop technologies such as Swing and AWT.

Vaadin 7 UI Design By Example: Beginner's Guide is an engaging guide that will teach you how to develop web applications in minutes. With this book, you will Develop useful applications and learn basics of Java web development. By the end of the book you will be able to build Java web applications that look fantastic.

The book begins with simple examples using the most common Vaadin UI components and quickly move towards more complex applications as components are introduced chapter-by-chapter.

Vaadin 7 UI Design By Example: Beginner's Guide shows you how to use Eclipse, Netbeans, and Maven to create Vaadin projects. It then demonstrates how to use labels, text fields, buttons, and other input components. Once you get a grasp of the basic usage of Vaadin, the book explains Vaadin theory to prepare

you for the rest of the trip that will enhance your knowledge of Vaadin UI components and customization techniques.

### **What you will learn from this book**

- Create Vaadin applications using Eclipse, Netbeans, and Maven
- Use input components such as text fields, buttons, combo boxes, check boxes, and more
- Use layouts, panels, and windows to arrange UI components
- Incorporate navigation capabilities to Vaadin applications
- Use tables and trees to present complex data
- Use advanced components such as progress indicators, context menus, sliders, and drag-and-drop capabilities
- Include custom HTML, Flash, and other web content in Vaadin applications
- Customize UI components by using CSS
- Develop your own components

### **Approach**

This book is a hands-on Beginner's Guide for developers who are new to Vaadin and/or Vaadin UI components. The book will teach readers through examples to use each of the exciting components to build and add various aspects of the user interface to their web apps.

### **Who this book is written for**

If you have experience with the Java language and want to create web applications that look good without having to deal with HTML, XML, and JavaScript, this book is for you. Basic Java programming skills are required, but no web development knowledge is needed at all.

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## **Vaadin 7 UI Design By Example: Beginner's Guide By Alejandro Duarte Bibliography**

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### Editorial Review

About the Author

#### Alejandro Duarte

Alejandro Duarte learned how to program at age 13 using the Basic language on a black screen with a blinking cursor. He used to spend hours thinking of ideas for software that would be good to have and even more hours bringing this ideas to life. Alejandro graduated from National University of Colombia with a BS in Computer Science and has been involved in many Java related software development projects. He first started working with Struts 2 and quickly switched to more RIA-friendly frameworks such as Grails, JQuery, GWT, and Vaadin. Alejandro is the author of Enterprise App for Vaadin add-on and InfoDoc Pro, both open-source projects based on the Vaadin framework. He currently works as a freelance developer for several companies and customers mainly in Colombia, Chile, India, Kenya and the UK.

When not writing code, Alejandro splits his free time between his family, his beautiful girlfriend and his passion for the electric guitar. You can contact him at [alejandro.d.a@gmail.com](mailto:alejandro.d.a@gmail.com) or through his personal blog <http://www.alejandrodu.com>. If you are feeling social, you can follow him on Twitter at @alejandro\_du.

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#### Brandon Li:

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