Mastering KnockoutJS

By Timothy Moran

Mastering KnockoutJS By Timothy Moran

Use and extend Knockout to deliver feature-rich, modern web applications

About This Book

- Customize Knockout to add functionality and integrate with third-party libraries
- Create full web applications using binding preprocessors, Node preprocessors, and the Knockout Punches library
- In a step-by-step manner, explore the Knockout ecosystem by looking at popular plugins as well as the Durandal Framework

Who This Book Is For

If you are an experienced JavaScript developer who is looking for new tools to build web applications and get an understanding of core elements and applications, this is the book for you. A basic knowledge of DOM, JavaScript, and KnockoutJS is assumed.

What You Will Learn

- Add custom binding handlers to extend functionality
- Customize binding syntax using preprocessors and binding providers
- Build reusable controls with the web components system, new to Knockout 3.2
- Organize viewmodels and modules in real web applications
- Use Durandal to create fully-featured Single Page Applications (SPA)
- Explore Knockout's source code with detailed explanations to update the UI dynamically
- Create full web applications using binding preprocessors, node preprocessors, and the Knockout Punches library
- Customize Knockout to add functionality and integrate with third-party libraries

In Detail

Knockout is a standalone JavaScript implementation of the Model-View-ViewModel (MVVM) pattern with templates.

Mastering KnockoutJS will guide you through web application development with the Knockout library. Starting with covering the basics of KnockoutJS, you will learn how to add new behaviors with custom bindings and preprocessors. Then

you will get to see how to make reusable components and organize modules in larger web applications.

This book will teach you how to use a declarative syntax for creating user interfaces that automatically sync with the changing data. You will also learn to organize applications with the MVVM pattern, which helps you stay organized and simplifies the process of continued product growth.

Finally, you will cover popular open source plugins such as Knockout punches and Durandal to see what is possible with Knockout's extensible API.

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Editorial Review

About the Author

Timothy Moran

Timothy Moran has been working in the field of software for the last 4 years. He started with desktop development for .NET and moved on to web development for a variety of technologies. Timothy began using Knockout shortly after the release of Version 1.3 and has since used it in several projects personally and professionally. He also provides community support by answering questions on StackOverflow. This is Timothy's first title.

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