Pro JavaScript Development: Coding, Capabilities, and Tooling

By Den Odell

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Pro JavaScript Development is a practical guide for front-end web developers who are experienced at building web pages with HTML, CSS, and JavaScript, and now wish to advance their JavaScript skills to a higher level. You will learn how to build large, well-structured, high quality, mobile-optimized web sites and apps, using the latest supported browser APIs, language features, and tools. This book teaches and shows you in practical hands-on terms how you can:

- Master the performance, reliability, stability, and code manageability of your JavaScript
- Understand and write efficient object-oriented and prototypal code, including full understanding of the 'this' keyword
- Boost the performance of your JavaScript code
- Architect large web applications using common design patterns
- Write high quality JavaScript code and avoid the pitfalls most likely to cause errors
- Manage code dependencies with AMD and RequireJS
- Develop for mobile, build games, and set up a real-time video chat using modern APIs such as Geolocation, Canvas and WebRTC
- Document your code as the professionals do
- Write command-line and web server applications in JavaScript with Node.js,
- Use build tools, such as Grunt and Gulp, to automate repetitive tasks and improve your development workflow

Using real-world examples and applications that you'll build yourself, *Pro JavaScript Development* has unique, practical content that will make you a better JavaScript developer. Become a master of the latest JavaScript coding techniques and tools, and harness its best capabilities today.

What you'll learn

- To build faster and more efficient web apps using the latest techniques

- How to select the best libraries and frameworks for each project based on design patterns and sound principles
- To manage JavaScript objects with inheritance through the 'prototype' property and the 'this' keyword
- To unit test your JavaScript, to measure and improve the quality of your code
- To create your own web server using Node.js, featuring real-time bidirectional communication with web sockets

Who this book is for

This book is intended for the front-end web developer who is already using JavaScript but wants to know what tools, and techniques they can use to enhance their development. You want to create better apps, better sites, with the best and latest skills.

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Editorial Review

About the Author
Den Odell is a multi-disciplined web developer with expert HTML, CSS, and JavaScript skills. He is a web standards and accessibility advocate, with a special passion for user interface development.As a front-end (user interface) technical architect at the AKQA digital service agency in London, Den built and architected several large-scale web sites and rich Internet applications for anumber of clients, including Ferrari, Nike, and Nokia. After a hiatus in Sweden, where he used his technical skills and passion for music to help record labels and artists develop their presence on the Web, he has returned to London where his role as Head of Web Development at AKQA is helping deliver innovative front-end solutions to meet client's needs.In his spare time, Den runs nightclub events,plays records at clubs across Europe, and has a keen eye for digitalphotography.

Users Review

From reader reviews:

James Marcotte:

People live in this new morning of lifestyle always try to and must have the spare time or they will get wide range of stress from both lifestyle and work. So , when we ask do people have extra time, we will say absolutely of course. People is human not only a robot. Then we ask again, what kind of activity have you got when the spare time coming to anyone of course your answer can unlimited right. Then do you ever try this one, reading textbooks. It can be your alternative inside spending your spare time, the actual book you have read is actually Pro JavaScript Development: Coding, Capabilities, and Tooling.

Justin Perry:

Playing with family in the park, coming to see the water world or hanging out with buddies is thing that usually you could have done when you have spare time, subsequently why you don't try thing that really opposite from that. 1 activity that make you not sensation tired but still relaxing, trilling like on roller coaster you are ride on and with addition of information. Even you love Pro JavaScript Development: Coding, Capabilities, and Tooling, you could enjoy both. It is excellent combination right, you still want to miss it? What kind of hang type is it? Oh seriously its mind hangout folks. What? Still don't obtain it, oh come on its named reading friends.

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