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AngularJS, JavaScript, and jQuery All in One, Sams Teach Yourself

By Brad Dayley, Brendan Dayley

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Learn AngularJS, JavaScript and jQuery Web Application Development

In just a short time, you can learn the basics of the JavaScript language, jQuery library, and AngularJS framework – and find out how to use them to build well-designed, reusable components for web applications.

Sams Teach Yourself AngularJS, JavaScript, and jQuery All in One assumes absolutely no previous knowledge of JavaScript or jQuery. The authors begin by helping students gain the relevant JavaScript skills they need, introducing JavaScript in a way specifically designed for modern AngularJS web development.

Each short, easy lesson builds on all that's come before, teaching new concepts and techniques from the ground up, through practical examples and hands-on problem solving.

As you complete the lessons in this book, you'll gain a practical understanding of how to provide rich user interactions in your web pages, adding dynamic code that allows web pages to instantly react to mouse clicks and finger swipes, and interact with back-end services to store and retrieve data from the web server.

Learn how to:

- Create powerful, highly interactive single-page web applications
- Leverage AngularJS's innovative MVC approach to web development
- Use JavaScript in modern frameworks
- Implement JavaScript, jQuery, and AngularJS together in web pages
- Dynamically modify page elements in the browser
- Use browser events to interact with the user directly
- Implement client-side services that interact with web servers
- Integrate rich user interface components, including zoomable images and expandable lists
- Enhance user experience by creating AngularJS templates with built-in directives
- Bind user interface elements and events to the data model to add flexibility and support more robust interactivity

- Define custom AngularJS directives to extend HTML's capabilities
- Build dynamic browser views to provide richer user interaction
- Create custom services you can integrate into many AngularJS applications
- Develop a well-structured code base that's easy to reuse and maintain

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AngularJS, JavaScript, and jQuery All in One, Sams Teach Yourself By Brad Dayley, Brendan Dayley Bibliography

- Sales Rank: #352984 in Books
- Published on: 2015-08-15
- Original language: English
- Number of items: 1
- Dimensions: 9.10" h x 1.40" w x 7.00" l, .0 pounds
- Binding: Paperback
- 832 pages

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Editorial Review

About the Author

Brad Dayley is a senior software engineer with more than 20 years of experience developing enterprise applications and web interfaces. He has used JavaScript, jQuery, and AngularJS to develop a wide array of feature-rich web applications. He has a passion for new technologies, especially ones that really make a difference in the software industry. He is the author of *Node.js*, *MongoDB*, and *AngularJS Web Development*, *Learning AngularJS*, *jQuery*, and *JavaScript Phrasebook*, and *Sams Teach Yourself jQuery and JavaScript in 24 Hours*.

Brendan Dayley is a university student majoring in computer science. He is an avid web application developer who loves learning and implementing the latest and greatest technologies. He recently attended Dev-Mountain's Immersive Web Development program, specializing in web application development and AngularJS in particular. He has written a number of web applications using JavaScript, jQuery, and AngularJS and is excited about the future of these technologies.

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