

# AngularJS Essentials

*By Rodrigo Branas*

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**AngularJS Essentials** By Rodrigo Branas

**Design and construct reusable, maintainable, and modular web applications with AngularJS**

## About This Book

- Explore and understand the features of AngularJS to construct advanced web applications from scratch
- Understand how to apply the most important concepts of the framework like directives, expressions, filters, modules, and services
- Experience high-quality delivery by automating tests and optimizing the distribution of the application using tools like Jasmine and Grunt

## Who This Book Is For

This book is strongly recommended for those who have a passion for web development and who are looking for a framework that can provide a reusable, maintainable, and modular way to create applications and increase their productivity.

## What You Will Learn

- Create reusable components with directives
- Explore filters to manipulate and transform data
- Discover more about the two-way data binding mechanism
- Easily validate data from the user's form
- Create services in order to keep the business logic under control
- Understand and explore the dependency injection feature
- Follow the best practices of the framework to organize and modularize your application
- Automate your project's workflow and learn everything you need to know about unit testing with AngularJS

## In Detail


This book is a practical guide filled with real-world examples that will help you

discover the best practices of the AngularJS framework, covering its most important concepts such as directives, expressions, filters, and modules and guiding you through the steps of building your very own web application.

You will start by learning how to create reusable components with directives, experiencing an expressive way of developing software. Then we will move on to cover data handling, and you will learn how to use the various features of the AngularJS framework to accomplish any challenge related to presenting, transforming, and validating data on a user's interface.

After that, we will explore the secrets of the dependency injection mechanism available in AngularJS, bringing reuse and testability to your application by decoupling the layers. The book will also cover the best practices of using the framework and how to automate the test and the project's workflow.

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### Editorial Review

About the Author

#### Rodrigo Branas

Rodrigo Branas is a software architect, author, and international speaker on software development based in Brazil, with more than 12 years of experience in developing enterprise applications. Lately, he has been participating in the development of many successful products based on the AngularJS framework. A major part of these applications were made available to the education industry, and are now used by thousands of users across the country. He is also the founder of Agile Code, a consultancy and training company that works effectively with architects, developers, designers, and testers in order to produce high-quality products. He graduated in Computer Science and has an MBA degree in Project Management. He is certified in SCJA, SCJP, SCJD, SCWCD, and SCBCD from Sun Microsystems; PMP from Project Management Institute; MCP from Microsoft; and CSM from Scrum Alliance. In the past few years, he has dedicated himself to spreading knowledge in the software development community. Also, he is the author of Java Magazine, one of the most recognized technical publications in Brazil. His website address is <http://www.agilecode.com.br>. He can be contacted at [rodrigo.branas@gmail.com](mailto:rodrigo.branas@gmail.com) and you can follow him on Twitter at @rodrigobranas.

### Users Review

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