



# Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code

*Venkat Subramaniam*

Download now

[Click here](#) if your download doesn't start automatically

# Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code

*Venkat Subramaniam*

**Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code** Venkat Subramaniam

Debunk the myth that JavaScript is not easily testable. Whether you use Node.js, Express, MongoDB, jQuery, AngularJS, or directly manipulate the DOM, you can test-drive JavaScript. Learn the craft of writing meaningful, deterministic automated tests with Karma, Mocha, and Chai. Test asynchronous JavaScript, decouple and properly mock out dependencies, measure code coverage, and create lightweight modular designs of both server-side and client-side code. Your investment in writing tests will pay high dividends as you create code that's predictable and cost-effective to change.

Design and code JavaScript applications with automated tests. Writing meaningful tests is a skill that takes learning, some unlearning, and a lot of practice, and with this book, you'll hone that skill. Fire up the editor and get hands-on through practical exercises for effective automated testing and designing maintainable, modular code.

Start by learning when and why to do manual testing vs. automated verification. Focus tests on the important things, like the pre-conditions, the invariants, complex logic, and gnarly edge cases. Then begin to design asynchronous functions using automated tests. Carefully decouple and mock out intricate dependencies such as the DOM, geolocation API, file and database access, and Ajax calls to remote servers.

Step by step, test code that uses Node.js, Express, MongoDB, jQuery, and AngularJS. Know when and how to use tools such as Chai, Istanbul, Karma, Mocha, Protractor, and Sinon. Create tests with minimum effort and run them fast without having to spin up web servers or manually edit HTML pages to run in browsers. Then explore end-to-end testing to ensure all parts are wired and working well together.

Don't just imagine creating testable code, write it.

## What You Need:

A computer with a text editor and your favorite browser. The book provides instructions to install the necessary automated testing-related tools.

 [Download Test-Driving JavaScript Applications: Rapid, Confi ...pdf](#)

 [Read Online Test-Driving JavaScript Applications: Rapid, Con ...pdf](#)

## **Download and Read Free Online Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code Venkat Subramaniam**

---

### **From reader reviews:**

#### **Mary Manzo:**

The book Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code can give more knowledge and also the precise product information about everything you want. So just why must we leave the good thing like a book Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code? Some of you have a different opinion about guide. But one aim that book can give many data for us. It is absolutely suitable. Right now, try to closer with your book. Knowledge or data that you take for that, it is possible to give for each other; you can share all of these. Book Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code has simple shape nevertheless, you know: it has great and big function for you. You can seem the enormous world by start and read a e-book. So it is very wonderful.

#### **Kenneth Williams:**

Often the book Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code will bring you to definitely the new experience of reading a new book. The author style to elucidate the idea is very unique. In case you try to find new book to study, this book very ideal to you. The book Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code is much recommended to you to study. You can also get the e-book from the official web site, so you can more readily to read the book.

#### **Samara Reed:**

People live in this new day of lifestyle always make an effort to and must have the extra time or they will get great deal of stress from both way of life and work. So , when we ask do people have free time, we will say absolutely of course. People is human not really a huge robot. Then we question again, what kind of activity do you possess when the spare time coming to anyone of course your answer will probably unlimited right. Then do you try this one, reading ebooks. It can be your alternative within spending your spare time, typically the book you have read is actually Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code.

#### **Joshua Molina:**

Do you really one of the book lovers? If yes, do you ever feeling doubt if you find yourself in the book store? Try to pick one book that you just dont know the inside because don't assess book by its protect may doesn't work is difficult job because you are afraid that the inside maybe not while fantastic as in the outside appear likes. Maybe you answer is usually Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code why because the fantastic cover that make you consider with regards to the content will not disappoint an individual. The inside or content is fantastic as the outside or cover. Your reading sixth sense will directly assist you to pick up this book.

**Download and Read Online Test-Driving JavaScript Applications:  
Rapid, Confident, Maintainable Code Venkat Subramaniam  
#XI7SFHN98QR**

# **Read Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam for online ebook**

Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam books to read online.

## **Online Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam ebook PDF download**

**Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam Doc**

**Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam Mobipocket**

**Test-Driving JavaScript Applications: Rapid, Confident, Maintainable Code by Venkat Subramaniam EPub**