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Ember.js Cookbook

Quick answers to common problems

Ember.js Cookbook

Arm yourself with over 65 hands-on recipes to master the skills of building scalable web applications with Ember.js

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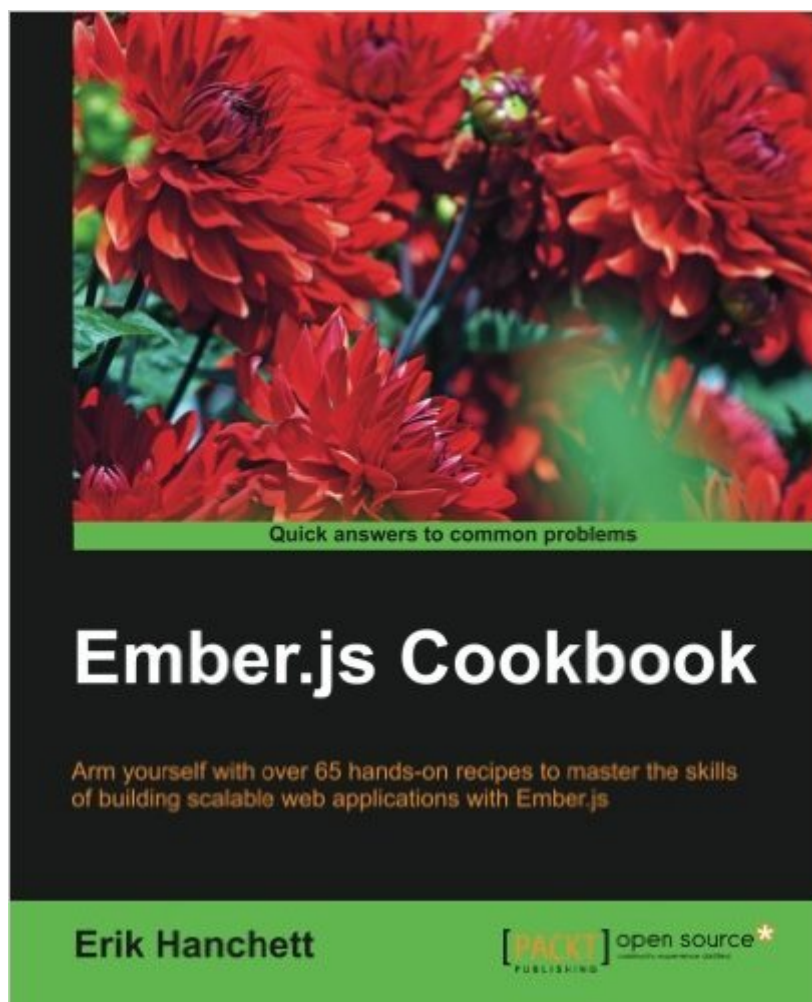
Synopsis

Key FeaturesThis book is your one-stop solution to the key features of Ember.js. Become skilled in the art of building web-apps in a fraction of the code you'd write in other frameworks.Build JavaScript apps that don't break the web! Our 100 recipes will make this a cakewalk for you!This books makes learning Ember.js easy by breaking down each topic into simple-to-understand recipesBook DescriptionEmber.js is an open source JavaScript framework that will make you more productive. It uses common idioms and practices, making it simple to create amazing single-page applications. It also lets you create code in a modular way using the latest JavaScript features. Not only that, it has a great set of APIs to get any task done. The Ember.js community is welcoming newcomers and is ready to help you when needed.This book provides in-depth explanations on how to use the Ember.js framework to take you from beginner to expert. You'll start with some basic topics and by the end of the book, you'll know everything you need to know to build a fully operational Ember application.We'll begin by explaining key points on how to use the Ember.js framework and the associated tools. You'll learn how to effectively use Ember CLI and how to create and deploy your application. We'll take a close look at the Ember object model and templates by examining bindings and observers. We'll then move onto Ember components, models, and Ember Data. We'll show you examples on how to connect to RESTful databases. Next we'll get to grips with testing with integration and acceptance tests using QUnit. We will conclude by covering authentication, services, and Ember add-ons. We'll explore advanced topics such as services and initializers, and how to use them together to build real-time applications.What you will learnSkip the boilerplate code with Ember CLI generatorsCreate a component with actions and eventsSet up a model with Ember Data using fixture dataCreate several different types of test cases and run themManage and set up user authentication using Ember Simple AuthAdd animated transitions to your app with Liquid FireSet up a service and initializer with dependency injectionCreate a working chat applicationSet up an Ember Service and initializer with dependency injectionCreate a working chat applicationAbout the AuthorErik Hanchett is a software developer, blogger, and perpetual student who has been writing code for over 10 years. He currently resides in Reno, Nevada, with his wife and two kids. He blogs about software development at ProgramWithErik.com.Table of ContentsEmber CLI BasicsThe Ember.Object ModelEmber TemplatesEmber RouterEmber ControllersEmber ComponentsEmber Models and Ember DataLogging, Debugging, and TestingReal-Life Tasks with Ember.jsAwesome Tasks with EmberReal-Time Web Applications

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Customer Reviews

This book is both well written, and informative. My background is in full-stack development, but never having used Ember.Recently, I began surveying the three most popular frameworks: Angular.js, Ember.js, and React.js. My methodology was to purchase a couple books on each, and then build some basic apps in each.I found Angular 1.x a bit harsh for my taste (though I think Angular 2, from what I've seen, is a vast improvement), and found React to be not as intuitive as I would have liked (obviously a personal opinion). Ember suited my expectations on a workable framework, but it was this book that unlocked understanding for me. Who knows, perhaps if this author addressed the other two (perhaps he has? I haven't checked), I may have found the learning curve more palatable for them. I digress.While it's true that this book is a "cookbook", it's a bit more than that. Each major constituent of Ember is given a chapter, and that chapter starts with the basics-- cogently explained and systematically demonstrated. In short, just the way to go about learning a framework, in my opinion. And no, I was not given a review copy, have any affiliation with the publisher, or know anyone connected with this book.For me, this was money well spent. But, mind my background. I've been a developer for a long time. I can't speak to how someone without my background might find this book.

This book is great for both new and intermediate Ember developers. For someone new to Ember, the book has a nice progression of topics where you learn each part of the framework and build a small application within each self contained chapter. As someone who has used Ember for about a

year and a half, I still learned new things about the framework from this book. Not only does this book go through the core parts of Ember like templates, components, routes, models, etc, it goes through popular, related tools and packages that you'll probably encounter when working with the framework like the Ember inspector for debugging, Mirage for mocking a backend, and Ember Simple Auth for authentication. I found the book easy to read. Because each chapter is self contained, you can easily skip chapters that you might already know.

I've been a back-end developer for about 5 years and started front-end developing about 3 years ago with extjs, however I still couldn't get a proper grip on modern javascript, so far I've tried angular, where I successfully write spaghetti code, my second attempt at modern javascript has been with aurelia, it has very interesting new concepts, however it has been very difficult to get through updates without jspm breaking some packages and even when jspm is successful, there's not enough newbie material for a full web app.One of my other top choice was emberjs I have to say at first I though it was going to be another angular mess (for big projects) and through the book Erik Hanchett explains very patiently how it all works and how to write and organize modern javascript applications.The cookbook goes through all basics elements of emberjs in a practical way, if you are a newbie on modern javascript this book is great for you and if you're a experienced developer you might want to skim over a few paragraphs every now and then, all in all it was a great book, however I found a few typos every now and then, it was no problem because they were very obvious typos so nothing to worry about.

This is a great book for aspiring, beginning and intermediate Ember developers.Ember is a framework covering many aspects of building (single page) web applications,but it is known to have a somewhat steep learning curve (depending on your base knowledge and background).This book will help flattening that learning curve dramatically.The title of this book could also have been: "Serving a seven course meal, using Ember".It contains a broad collection of different topics and concepts presented as recipes, helping you when building an Ember application.Each recipe consists of an explanation of how that particular feature works and shows how it can be applied in your application (including source code).I consider myself an intermediate beginner on Ember, and i learned alot of new things and subtle details when reading this book.The only (minor) negative points i could find are:- there are some typos in the example code- some recipes could have better chosen examplesGreatly recommended for anyone interested in Ember.

I'm a technical reviewer for this book. I'm also a very experienced Ember developer - I've worked with services and writing an auth service, I've tried out d3 with ember, I've done ember TDD and dealt with run loop issues.So although this book didn't have a lot of new content for me, I can confidently say that this is the book that I wish I'd had when I was just learning Ember (and the book I wish the interns at my company would be forced to read). Erik does a great job stepping through each feature of Ember in a clear and concise way, with great examples, in order to demonstrate how it works.The book explains the potentially confusing file structure all the way up through advanced features of the framework like services and popular external libraries. He has a great section on websockets, which is something I haven't worked with yet, which goes to show that this book will take your knowledge from 0 to a point where you'll be comfortable developing on existing and new Ember apps.

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