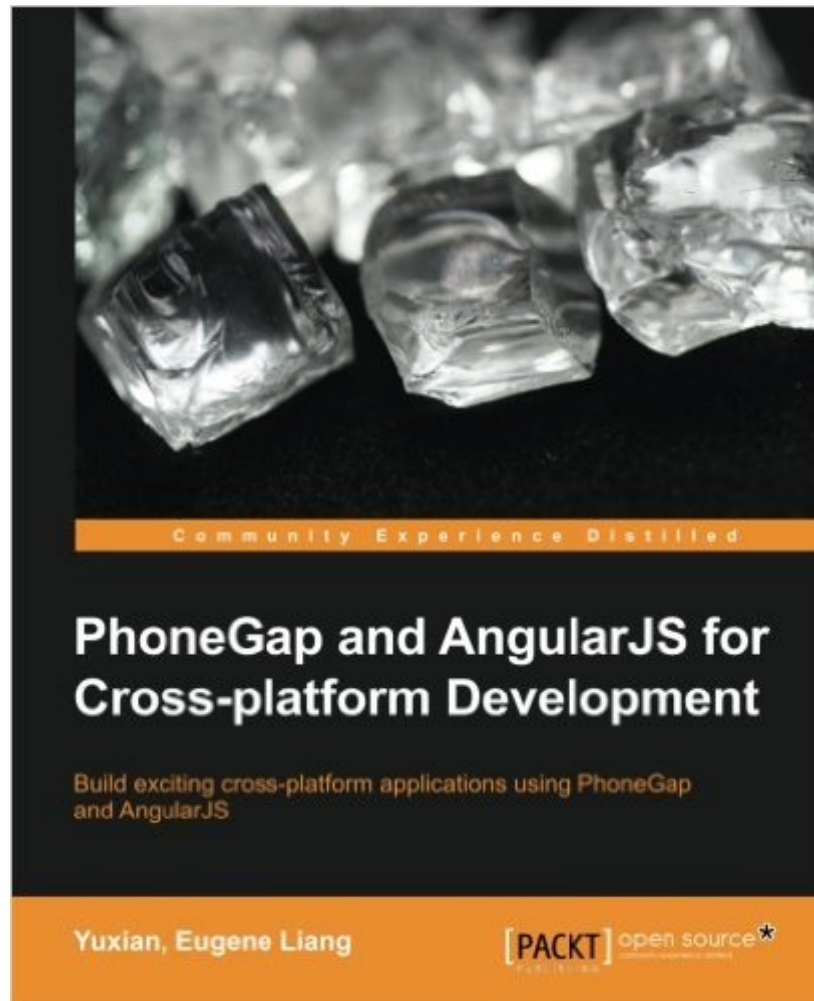


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# PhoneGap And AngularJS For Cross-Platform Development



## Synopsis

Build exciting cross-platform applications using PhoneGap and AngularJS  
About This Book  
Create a simple web-based app using AngularJS  
Build PhoneGap apps for iOS and Android with AngularJS, HTML, and CSS  
Learn how to use PhoneGap's command-line interface to build mobile applications using easy-to-follow, step-by-step exercises  
Who This Book Is For  
This book is intended for people who are not familiar with AngularJS and who want to take their PhoneGap development skills further by developing apps using different JavaScript libraries. People with some knowledge of PhoneGap, HTML, CSS, and JavaScript will find this book immediately useful.  
What You Will Learn  
Learn about the features of AngularJS and use it to organize your code  
Create RESTful web apps using AngularJS  
Reduce the hassle of developing PhoneGap apps using the command-line interface  
Quickly integrate AngularJS to enhance authentication capabilities via PhoneGap plugins  
Use AngularJS touch modules to optimize your PhoneGap app  
Build a cross-platform application with PhoneGap and AngularJS  
Learn how to use the concepts of two-way data binding and directives along with PhoneGap for mobile application development  
In Detail  
PhoneGap is a mobile development framework that allows developers to build cross-platform mobile applications. Building PhoneGap apps is traditionally done using HTML, CSS, jQuery Mobile, Eclipse Editor, and/or Xcode. The process can be cumbersome, from setting up your editor to optimizing your usage of jQuery, and so on. However, AngularJS, a new but highly popular JavaScript framework, eases these tasks with APIs to get access to mobile APIs such as notifications, geo-location, accelerometers, and more. Starting with the absolute basics of building an AngularJS application, this book will teach you how to quickly set up PhoneGap apps using the command-line interface. You will learn how to create simple to advanced to-do lists and add authentication capabilities using PhoneGap's plugins. You will enhance your skills by writing a PhoneGap app using your newly learned AngularJS skills. Furthermore, you will learn about adding animation and interactive designs to your mobile web apps using PhoneGap plugins. By the end of the book, you will know everything you need to launch your app on both Android and iOS devices.

## Book Information

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## Customer Reviews

The virtues of PhoneGap are well known to mobile developers. You in principle only need write one version of your program, and PhoneGap will make iPhone and Android binaries out of it, linking to the appropriate libraries in both operating systems. But the author of this book explains AngularJS, which attempts to aid one major step further. You can see how Angular [I'm just going to drop the JS as tedious and most people I know who use Angular just call it that] is in essence another refactoring. Where APIs are provided within it for you to get at sensor data emanating from the mobile device, which of course is typically a cellphone. The text also acknowledges Facebook's importance. Several examples discuss how to use Angular to simplify a Facebook login. Apparently, many users are already logging into Facebook while travelling. Another importance case covered is using Angular to make code that uses RESTful operators. REST has become popular for simplifying the logic of accessing a web server in a stateless manner, instead of stateful. Well, the book has a simple example of how to write an Angular app for this. It should be said that all the book's examples are rather cursory. Deliberate, so that you can scan the book rapidly. However if you want more detailed examples, the best approach is of course to write them yourself, using the text as a launching pad.

Although the book covers the basic steps to create a phonegap application with angular, it doesn't go much further. Certain things such as angular routes, files urls and such aren't covered. It's a nice intro to the subject, but nothing more.

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