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APACHE CORDOVA API COOKBOOK

JOHN M. WARGO

Foreword by BRIAN LEROUX

Apache Cordova Api Cookbook Mobile Programming

John M. Wargo



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Apache Cordova Application Programming Interface Cookbook John M. Wargo, 2014 **Apache Cordova API Cookbook** John M. Wargo, 2015 Using Apache Cordova mobile developers can write cross platform mobile apps using standard HTML5 JavaScript and CSS and then deploy those apps to every leading mobile platform with little or no re coding Apache Cordova API Cookbook provides experienced mobile developers with details about how each Cordova API works and how to use the APIs in their own applications Coverage is included for all Cordova PhoneGap 3 APIs Instead of just showing short snippets of code to explain a particular API this guide is chock full of complete examples You ll find more than thirty complete Cordova applications that work on Android iOS Windows and more The sample applications demonstrate exactly what each API does and how it works while the chapter content describes the limitations on the leading target platforms and even offers possible workarounds Through realistic cookbook example code mobile developer John Wargo helps you master the Cordova APIs and understand how to use them in your Cordova applications Topics include Accelerometers compass and geolocation Image video and audio capture playback and management Determining connection and device information Interacting with the Contacts application Responding to application events Accessing the device file system Globalizing apps Using the InAppBrowser Notifications Custom splash screens Special care has been taken to make the code easily readable and digestible by the reader This guide provides the most accessible coverage anywhere of Apache Cordova APIs [Apache Cordova 4 Programming](#) John M. Wargo, 2015-03-26 Using Apache Cordova 4 you can leverage native technologies and web standards to quickly build cross platform apps for most mobile devices You can deliver a high end user experience where it matters while radically simplifying code maintenance and reuse Apache Cordova 4 Programming is the most concise accessible introduction to this remarkable technology In this essential guide expert mobile developer John Wargo quickly gets you up to speed with all the essentials from installation configuration and tools to building plugins and using Cordova s powerful APIs Wargo helps you make the most of Cordova 4 s major enhancements while offering practical guidance for all versions including Adobe PhoneGap Full chapters are dedicated to five major mobile platforms Android iOS Windows Phone Firefox OS and Ubuntu Using rich relevant examples Wargo guides you through both the anatomy of a Cordova app and its entire lifecycle including cross platform testing and debugging Throughout he illuminates Cordova development best practices streamlining your development process and helping you write high quality apps right from the start Topics include Installing and configuring Cordova s development environment Working with the Cordova command line interfaces Creating Cordova plugins using Plugman and the PhoneGap CLI Cordova s support for Firefox OS and Ubuntu devices Automation Grunt and Gulp and Cordova CLI hooks Microsoft s hybrid toolkit for Visual Studio Third party tools such as AppGyver GapDebug THyM and more Beautifying Cordova apps with third party HTML frameworks such as Bootstrap OpenUI5 Ionic and Onsen UI Running testing and debugging Cordova apps on each major mobile platform Access the full code examples at

cordova4programming.com where you'll also find updates reflecting Cordova's continuing evolution. This book is an ideal companion to Wargo's authoritative collection of Apache Cordova code recipes for each Cordova API. *Apache Cordova API Cookbook* Addison Wesley 2015

[iOS Internationalization](#) Shawn E. Larson, 2014-12-16 Internationalize Your iOS Apps for a Global Audience Sixty percent of iPhone users worldwide aren't native English speakers; half of the Top 10 iOS app markets are non-English speaking and app revenue in Asia is soaring while North American growth is flattening. Internationalizing your apps will make your worldwide customer base happy and give you a powerful competitive advantage in the global marketplace. Now iOS expert Shawn Larson brings together all the knowledge you need to do it. Larson takes information previously scattered across dozens of blog posts, tutorials, and book chapters and integrates it into one easy-to-navigate resource. He presents step-by-step coverage and practical code for controlling international settings, character encoding, locale, and localization, UI adjustments, App Store customizations, and more. You'll find a sample project in every chapter, including a major three-chapter project guiding you through several key stages of app internationalization. Coverage includes Customizing language, region, and locale settings, including date, time, currency, quotation marks, separators, and more; Working with character sets, including Unicode and ligatures; Coding for locale with NSLocale and locale-specific arguments; Systematically prepping your app for localization; Leveraging the full power of base localization; Generating .strings files and working with their key-value pairs; Localizing images and app names; Effectively using translation services and avoiding the pitfalls; Adjusting your UI to avoid clipped strings in longer languages; Using constraint settings to support right-to-left languages; Specifying App Store-supported territories and pricing tiers; Localizing your App Store summary page, name, descriptions, keywords, URLs, screenshots, and EULAs. If you're an experienced Objective-C developer, *iOS Internationalization* will help you expand your iOS market worldwide and capture opportunities that would otherwise be far beyond your grasp. All sample code and completed projects may be downloaded at [github.com/ShawnLa118n](#).

Bulletproof Android Godfrey Nolan, 2014 In *Bulletproof Android*, Godfrey Nolan brings together comprehensive up-to-date best practices for writing apps that resist attack and won't leak information. Unlike other Android security books focused on breaking code, *Bulletproof Android* focuses on strengthening code security throughout the entire development lifecycle. Nolan covers authentication, networking, databases, server attacks, libraries, hardware, and more. He illuminates each technique with code examples, offering expert advice on implementation and trade-offs.

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PhoneGap for Enterprise Kerri Shotts, 2014-12-26 This book is intended for developers who wish to use PhoneGap to develop useful rich secure mobile applications for their enterprise environment The book assumes you have working knowledge of PhoneGap HTML5 CSS3 and JavaScript and a reasonable understanding of networking and n tier architectures

JavaScript Cookbook Shelley Powers, 2015-01-26 Problem solving with JavaScript is a lot trickier now that its use has expanded considerably in size scope and complexity This cookbook has your back with recipes for common tasks across the JavaScript world whether you re working in the browser the server or a mobile environment Each recipe includes reusable code and practical advice for tackling JavaScript objects Node Ajax JSON data persistence graphical and media applications complex frameworks modular JavaScript APIs and many related technologies Aimed at people who have some experience with JavaScript the first part covers traditional uses of JavaScript along with new ideas and improved functionality The second part dives into the server mobile development and a plethora of leading edge tools You ll save time and learn more about JavaScript in the process Topics include Classic JavaScript Arrays functions and the JavaScript Object Accessing the user interface Testing and accessibility Creating and using JavaScript libraries Client server communication with Ajax Rich interactive web effects JavaScript All Blown Up New ECMAScript standard objects Using Node on the server Modularizing and managing JavaScript Complex JavaScript frameworks Advanced client server communications Visualizations and client

server graphics Mobile application development **Apache Cordova 3 programming** John M. Wargo,2013 Covers PhoneGap 3 X Written for experienced mobile developers Apache Cordova 3 Programming is a complete introduction to Apache Cordova 3 and Adobe PhoneGap 3 It describes what makes Cordova important and shows how to install and use the tools the new Cordova CLI the native SDKs and more If you re brand new to Cordova this book will be just what you need to get started If you re familiar with an older version of Cordova this book will show you in detail how to use all of the new stuff that s in Cordova 3 plus stuff that has been around for a while like the Cordova core APIs After walking you through the process of downloading and setting up the framework mobile expert John M Wargo shows you how to install and use the command line tools to manage the Cordova application lifecycle and how to set up and use development environments for several of the more popular Cordova supported mobile device platforms Of special interest to new developers are the chapters on the anatomy of a Cordova application as well as the mechanics of Cordova development Wargo also covers the development process and the tools you can use to test and debug your Cordova applications and provides a complete chapter that introduces the Cordova APIs in addition to a chapter that shows you how to create your own plugins Filled with lots of examples and code the book includes complete coverage of Android iOS BlackBerry 10 and Windows Phone development for Cordova Topics covered include How to install and use the Cordova CLI and associated tools How to configure the Android developer tools ADT to run test and debug your Cordova applications for Android How to use Xcode Apple s development tool for iOS development to run test and debug Cordova applications for iOS devices How to use the Safari browser to debug Cordova applications on iOS devices How to use the Microsoft development tools to run test and debug Cordova applications for Windows Phone 8 How to set up and use the PhoneGap Build service to package Cordova applications and share those applications with others How to create Cordova plugins for both Android and iOS The author maintains a web site for the book at cordovaprogramming.com where updates errata and the source code for the book are available **Phonegap Mobile Application Development Cookbook** Matt Gifford,2012

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