Creating Mobile Apps with Appcelerator Titanium

By Christian Brousseau

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There's no better way to learn Titanium than by using the platform to create apps for iPhone, iPad, and Android, and this tutorial lets you do exactly that. It's a truly hands-on approach that covers all the essential bases.

Overview

- Walk through the development of ten different mobile applications by leveraging your existing knowledge of JavaScript
- Allows anyone familiar with some Object-oriented Programming (OOP), reusable components, AJAX closures take their ideas and heighten their knowledge of mobile development
- Full of examples, illustrations, and tips with an easy-to-follow and fun style to make app development fun and easy
- Get empowered to build your own apps from the knowledge gained from this book

In Detail

Smartphones and tablets have really changed the technological landscape over the last 3-4 years. Much like the web did in the last decade, these powerful tools have changed the way people communicate and access information. Such a wide market creates opportunities for developers who have the skills to develop mobile applications.

"Creating Mobile Apps with Appcelerator Titanium" is a practical, step-by-step guide to building iPhone, iPad, and Android applications using JavaScript. This book will give you a solid grounding of the dos and don'ts of mobile development and also covers a lot of the functionalities offered by the Titanium platform.

This book begins with a look at what the Titanium platform has to offer. By taking you through clear tutorials on developing each application step-by-step, it helps you to apply your newly acquired knowledge afterwards. The difficulty level gradually increases along the course of the book.

Each application from this book covers different aspects of mobile development. Every chapter starts by defining the application's features as well as the user interface structure. Every single code section is then explained and put into context allowing you to gain a clear understanding of their purpose and functionality. The book takes a "small milestone" approach, allowing you to actually run the application and see the progression. Every step is accompanied by many screenshots so you can see the expected result on screen.

You will learn everything you need to know to develop your very own mobile applications. The book takes a laid-back approach to Titanium development and provides information in a way designed to never overwhelm the reader with information and also uses clear diagrams, screenshots, and tips throughout.

What you will learn from this book

- Create full-fledged applications using native components
- Save your data using a database and interact with it using SQL
- Interact with web services to retrieve data from external sources
- Make your own adventure game (Japanese RPG style)
- Bring a friend along on your epic adventure by adding online multiplayer to your game
- Use Geolocation to interact localized data and display it on a map
- Store your information in a centralized form using Appcelerator Cloud Services (ACS) and share this information with other users
- Integrate your applications with popular social media sites such as Facebook and Twitter

Approach

"Creating Mobile Apps with Appcelerator Titanium" provides a hands-on approach and working examples on creating apps and games as well as embedding them onto a social networking website. Developers can then move on from there to develop their own applications based on the ones they have developed throughout the course of this book.

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Editorial Review

About the Author

Christian Brousseau

Christian Brousseau is a proud Canadian who has been developing software for over twenty years. He made his debut in Windows development and then moved on to Java when the Web came along. About thirteen years ago, he had the opportunity to move to France where he worked on major Java Enterprise projects for one of the largest software companies in the world, in different sectors such as banking, insurance, retail, government, and defense.

Over the last few years, he became very enthusiastic about mobile platforms in general and has developed quite a few applications for iOS and Android devices using the Appcelerator Titanium platform. He is very active within the community; being a Titanium-certified application developer and a member of the Titans Evangelist group, he is one of the top 10 contributors on the Appcelerator's Questions & Answers forum.

Still living in Paris, he left the enterprise world and created his own company, Things Are Moving (**http://www.thingsaremoving.com**), that specializes in mobile development.

Users Review

From reader reviews:

Carrie Grogan:

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Antonio Batts:

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