

The book was found

App Inventor 2: Databases And Files: Step-by-step TinyDB, TinyWebDB, Fusion Tables And Files (Pevest Guides To App Inventor Book 3)



Edward Mitchell

Pevest Guide Books



Synopsis

App Inventor 2: Databases and Files is a step-by-step guide to writing apps that use TinyDB, TinyWebDB, Fusion Tables and data files for information storage and retrieval. Includes detailed explanations, examples, and a link to download sample code. This is the first tutorial to cover all of these App Inventor database and file features. If your apps need to work with data or files - you need this book!

TinyDB stores data on your smart phone or tablet and is a primary way for App Inventor apps to save data, even when the app is no longer running or if the device is turned off. TinyWebDB is similar to TinyDB, but stores your data on a remote server in the network cloud. Multiple apps can share a TinyWebDB database, plus you can update the content of your TinyWebDB using just a web browser. This means you can distribute an app whose content can change over time - just by changing the values in TinyWebDB. A big challenge is the need to set up a TinyWebDB server - this book shows how to do that through free services offered by Google. Fusion Tables provide a powerful, cloud-based database system for App Inventor apps. Creating, retrieving, updating and deleting data is done using the industry standard Structured Query Language or SQL. Fusion Tables reside in the Google network cloud - this book shows you how to set up and configure Fusion Tables for your own apps using free services of Google. As your app requirements grow, Google's cloud can provide low cost servers and bandwidth for your needs. Underneath the Android OS user interface, there is a file system, similar to the file system found on Windows or Mac OS X. With App Inventor your apps can write and read data from files, and if using the special "CSV" format, App Inventor data can be shared with many spreadsheet programs. This book shows you how to create, use and access data files, and how to convert data to and from the CSV format. Over 28,000 words. Over 250 screen shots and illustrations. Numerous sample programs and code.

App Inventor 2: Databases and Files - Table of Contents

- 1 - Introduction
- 2 - Using the TinyDB database
- 3 - Implementing Records Using Lists in TinyDB
- 4 - Simulating Multiple TinyDB Databases
- 5 - How to Use Multiple Tags in TinyDB
- 6 - Introduction and Setup: TinyWebDB
- 7 - Managing TinyWebDB in the Cloud
- 8 - Programming for TinyWebDB - Demo 19 - Adding a Tags List to TinyWebDB - Demo 210
- Handling Multiple Users with TinyWebDB - Demo 311
- 1 - Implementing a Student Quiz Application using TinyWebDB
- 12 - Introduction to Fusion Tables
- 13 - Developing Your Fusion Table App
- 14 - Using Text Files in App Inventor

About the Author Edward Mitchell has worked in software development, project and program management in companies from Silicon Valley to Microsoft Corporation. He has taught management and computer information systems courses at Gonzaga University and at a community college. He earned a B.S. in information and computer science from the University of California, an M.B.A. from Gonzaga University (2001), and an M.S. in software

engineering from Regis University (2012). His interests include methods of improving the efficiency and effectiveness of software development including better tools (like App Inventor), software development and organizational process improvements that can lead to building the right solutions, faster and more reliably, and teaching others about software development concepts. In addition to this guide, he has written about a dozen books on technical subjects and has interests spanning 3D still and video photography to flying a hovercraft. Please visit the book's web <http://appinventor.pevest.com> for updated content, tutorials and links to more information. E-Books in this Series: [App Inventor 2 Introduction, Volume 1](#), [App Inventor 2 Advanced Concepts, Volume 2](#), [App Inventor 2 Databases and Files, Volume 3](#)

Book Information

File Size: 7632 KB

Print Length: 327 pages

Publisher: Pevest.com; 1 edition (August 31, 2015)

Publication Date: August 31, 2015

Sold by: Digital Services LLC

Language: English

ASIN: B014S06ERA

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #341,992 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #277

in [Books > Computers & Technology > Mobile Phones, Tablets & E-Readers > Programming &](#)

[App Development](#) #2621 in [Books > Computers & Technology > Computer Science](#) #5115

in [Kindle Store > Kindle eBooks > Computers & Technology](#)

Customer Reviews

Excellent

[Download to continue reading...](#)

App Inventor 2: Databases and Files: Step-by-step TinyDB, TinyWebDB, Fusion Tables and Files (Pevest Guides to App Inventor Book 3) App Inventor 2: Introduction: Step-by-step Guide to easy Android app programming (Pevest Guides to App Inventor Book 1) Apps: Make Your First Mobile

App Today- App Design, App Programming and Development for Beginners (ios, android, smartphone, tablet, apple, samsung, App ... Programming, Mobile App, Tablet App Book 1) Apps: Mobile App Trends in 2015 (iOS, Xcode Programming, App Development, iOS App Development, App Programming, Swift, Without Coding) ((Android, Android ... App Programming, Rails, Ruby Programming)) Android: Programming in a Day! The Power Guide for Beginners In Android App Programming (Android, Android Programming, App Development, Android App Development, ... App Programming, Rails, Ruby Programming) Tables: With Plans and Complete Instructions for 10 Tables (Projects Book) Mobile App Marketing And Monetization: How To Promote Mobile Apps Like A Pro: Learn to promote and monetize your Android or iPhone app. Get hundreds of thousands of downloads & grow your app business Apps: Beginner's Guide For App Programming, App Development, App Design Android: App Development & Programming Guide: Learn In A Day! (Android, Rails, Ruby Programming, App Development, Android App Development, Ruby Programming) Android: Programming & App Development For Beginners (Android, Rails, Ruby Programming, App Development, Android App Development) Arduino and Android using MIT app inventor 2.0: Learn in a day (book for everyone from children to adults) KNOTS: Your Complete Step By Step Guide To Knot, Knot Uses & Not Tying (Paracord, Craft Business, Knot Tying, Fusion Knots, Knitting, Quilting, Sewing) The Essential Inventor's Guide: Step-by-step methods to successfully evaluate, patent, and market your invention on a budget Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) iOS Android App Store Report 2016: Business Intelligence App Store Report App Development: Swift Programming : Java Programming: Learn In A Day! (Mobile Apps, App Development, Swift, Java) Programming: Swift: Create A Fully Functioning App: Learn In A Day! (Apps, PHP, HTML, Python, Programming Guide, Java, App Development) Evernote Essentials: The Basics of the Most Popular Notebook App for Beginners with pics examples:(101 evernote app, evernote, evernote essentials, evernote for beginners, evernote mastery) La Biblia App Para Ninos Historias de la Biblia (The Bible App For Kids Storybook Bible Spanish Edition) CLIVE CUSSLER COMPLETE SERIES READING ORDER: Dirk Pitt, NUMA Files, Oregon Files, Isaac Bell, Fargo Adventures, Nicefolk Twins, all non-fiction, and more!

[Dmca](#)