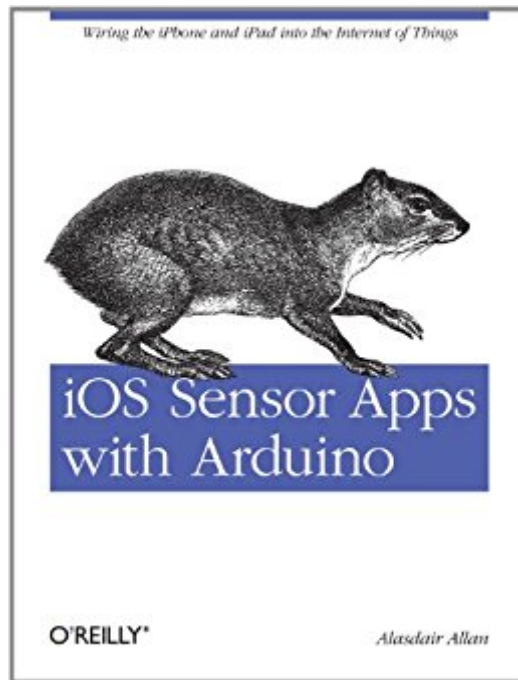


The book was found

IOS Sensor Apps With Arduino: Wiring The iPhone And IPad Into The Internet Of Things



Synopsis

Turn your iPhone or iPad into the hub of a distributed sensor network with the help of an Arduino microcontroller. With this concise guide, youâ€™ll learn how to connect an external sensor to an iOS device and have them talk to each other through Arduino. Youâ€™ll also build an iOS application that will parse the sensor values it receives and plot the resulting measurements, all in real-time. iOS processes data from its own onboard sensors, and now you can extend its reach with this simple, low-cost project. If you're an Objective-C programmer who likes to experiment, this book explains the basics of Arduino and other hardware components you needâ€”and lets you have fun in the process. Learn how to connect the Arduino platform to any iOS device Build a simple application to control your Arduino directly from an iPad Gather measurements from an ultrasonic range finder and display them on your iPhone Connect an iPhone, iPad, or iPod Touch to an XBee radio network Explore other methods for connecting external sensors to iOS, including Ethernet and the MIDI protocol

Book Information

File Size: 9256 KB

Print Length: 124 pages

Page Numbers Source ISBN: 1449308481

Simultaneous Device Usage: Unlimited

Publisher: O'Reilly Media; 1 edition (September 13, 2011)

Publication Date: September 13, 2011

Sold by:Â Digital Services LLC

Language: English

ASIN: B005QED7IM

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #477,566 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #73

inÂ Books > Computers & Technology > Networking & Cloud Computing > Wireless Networks

#292 inÂ Books > Computers & Technology > Hardware & DIY > Single Board Computers #724

inÂ Kindle Store > Kindle eBooks > Computers & Technology > Networking > Networks, Protocols &

Customer Reviews

I am relatively new to iOS programming (one year since my first contact with Objective-C) and *very* new to Arduino (how could I miss this awesome device for so long!!!???). I was looking for a way to connect my iOS device to Arduino and I came across the Redpark serial cable for iOS, sold by MakerShed. Allan's book taught me everything I needed to know to make iOS apps that will connect to my Arduino. After reading the book twice (the second time devoting extra time to write and seriously understand the code), I am now fully able to develop apps that do exactly what I needed: connect my iPod Touch or iPad to my Arduino. If you are trying to learn to connect your iOS device to an Arduino, this book is for you. The book does require some knowledge of Objective-C (necessary for iOS programming) and C/C++ (necessary for programming Arduino sketches). Also, because you will need to run your apps in your iOS device, you will need to be an Apple developer (subscription is \$99 a year). To me, this book was worth every cent. I am now planning to buy and read all books from this author. I really liked his writing style and his cool approach to programming! PS - The last chapter contains code that is a little dated. If you want to connect the Arduino to the Internet using the Ethernet library, just replace `Server()` and `Client()` with `EthernetServer()` and `EthernetClient()`.

I bought this book to connect my arduino projects to my iphone and just have fun with it all. This book does teach you how to do that but the majority of the book relies on the use of a RedPark cable that you can buy for like \$50. It might say it more obvious somewhere in the description but I didn't realize that until I was reading through the book. Also I should have looked at the page count because this book is THIN! The code looks pretty good (font etc.) and there are several diagrams and pictures to help you along the way so that is really nice. I haven't bought the cable yet so once I get it and play around with it I'll update my review. All in all from what I have read through it is an ok book. I honestly just wish I knew it relied so heavily on this other cable before I bought the book.

Needs to give more clear cut instructions - very confusing

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

iOS Sensor Apps with Arduino: Wiring the iPhone and iPad into the Internet of Things My iPad for Seniors (Covers iOS 9 for iPad Pro, all models of iPad Air and iPad mini, iPad 3rd/4th generation, and iPad 2) (3rd Edition) My iPad (Covers iOS 9 for iPad Pro, all models of iPad Air and iPad mini,

iPad 3rd/4th generation, and iPad 2) (8th Edition) A Beginner's Guide to iPhone 6 and iPhone 6 Plus: (Or iPhone 4s, iPhone 5, iPhone 5c, iPhone 5s with iOS 8) iPad Guide For Beginners (For iPad / iPad Air / iPad Mini): Getting Started With Your iPad (Do it with iPad - Beginners Book 1) My iPad for Seniors (Covers iOS 8 on all models of iPad Air, iPad mini, iPad 3rd/4th generation, and iPad 2) (2nd Edition) iPhone 7: The Ultimate Apple iPhone 7 User Manual - Discover Amazing Hacks To Master Your iPhone 7 Now! (iPhone 7 Phone Case, iPhone 7 User Guide, iPhone 7 Manual) iPhone 6: Apple iPhone 6 Beginners Guide - Learn How To Use And Get The Most Out Of Your iPhone 6 & iPhone 6S (Apple, IOS, iPhone 6/6s/6 Plus) iPhone Portable Genius: Covers iOS 8 on iPhone 6, iPhone 6 Plus, iPhone 5s, and iPhone 5c iPhone 6: The Complete iPhone 6 Beginners Guide - Learn How To Use Your iPhone 6, Detailed User Manual, Plus New iPhone 6 & iPhone 6s Hidden Features, Tips And Tricks! (Apple, IOS, Yosemite) iPhone 6: Apple iPhone 6 User Guide - Learn How To Use iPhone 6, iPhone 6s & iPhone 6s Plus, With Advanced Tips! (Apple, IOS, Yosemite) Building iPhone and iPad Electronic Projects: Real-World Arduino, Sensor, and Bluetooth Low Energy Apps in techBASIC ESP8266: Programming NodeMCU Using Arduino IDE - Get Started With ESP8266: (Internet Of Things, IOT, Projects In Internet Of Things, Internet Of Things for Beginners, NodeMCU Programming, ESP8266) Teach Yourself VISUALLY iPad: Covers iOS 9 and all models of iPad Air, iPad mini, and iPad Pro (Teach Yourself VISUALLY (Tech)) Teach Yourself VISUALLY iPad: Covers iOS 8 and all models of iPad, iPad Air, and iPad mini (Teach Yourself VISUALLY (Tech)) My iPad for Seniors (covers iOS 7 on iPad Air, iPad 3rd and 4th generation, iPad2, and iPad mini) My iPad for Seniors (covers iOS 7 on iPad Air, iPad 3rd and 4th generation, iPad2, and iPad mini) (My...) iPhone 7: For Beginners - Learn How To Use Iphone 7 Plus Advanced Tips And Tricks (iPhone 7 Phone Case, iPhone 7 User Guide, iPhone 7 Manual) iPhone 6: The Ultimate User Guide With Exclusive Tips And Tricks To Master iPhone 6 And iPhone 6 Plus (Iphone 6, IOS 9, Apple) 115 Productivity Apps to Maximize Your Time: Apps for iPhone, iPad, Android, Kindle Fire and PC/iOS Desktop Computers (Updated: October 2014)

[Dmca](#)