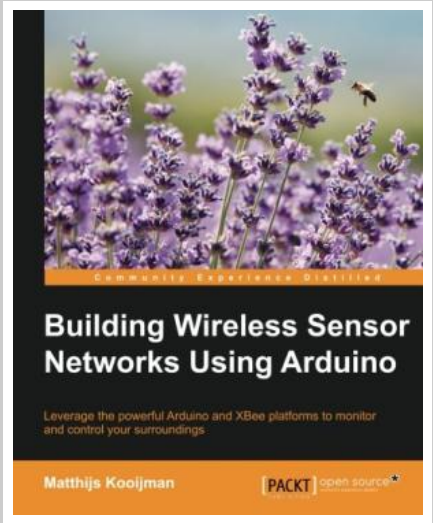


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Building Wireless Sensor Networks Using Arduino

By Matthijs Kooijman

Packt Publishing Limited, United Kingdom, 2015. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Leverage the powerful Arduino and XBee platforms to monitor and control your surroundings About This Book * Build your own low-power, wireless network using ready-made Arduino and XBee hardware * Create a complex project using the Arduino prototyping platform * A guide that explains the concepts and builds upon them with the help of examples to form projects Who This Book Is For This book is targeted at embedded system developers and hobbyists who have some working knowledge of Arduino and who wish to extend their projects using wireless connectivity. What You Will Learn * Interact with XBee boards using the XCTU program on Windows, OS X, or Linux * Make your Arduino boards communicate wirelessly, using XBee modules in the advanced API mode * Centrally collect and store measured sensor data, in the cloud or your own database * Connect the coordinator Arduino to the Internet and send data to web services * Control your environment automatically, based on sensor input from your network * Interact with off-the-shelf ZigBee Home Automation devices * Make your...

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