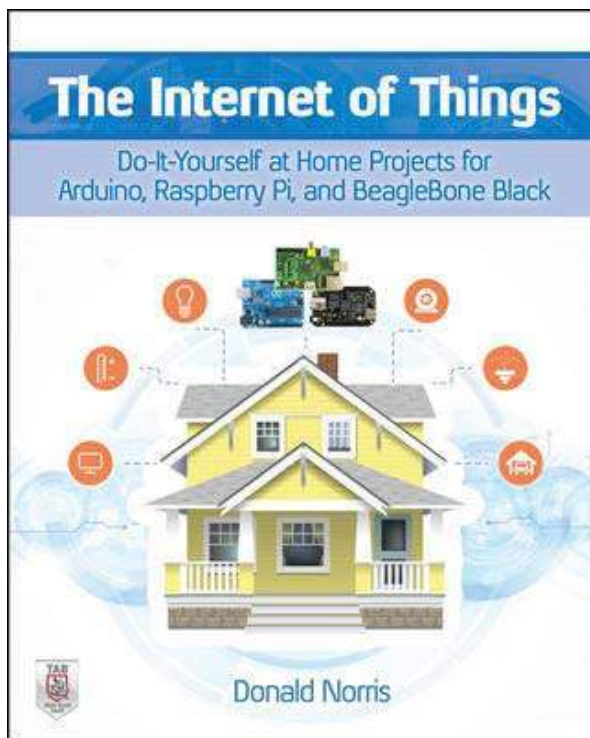




## The Internet of Things: Do-It-Yourself at Home Projects for Arduino, Raspberry Pi and BeagleBone Black



- **Authors:** Donald Norris
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## Description

### **Tap into the Internet of Things (IoT) with innovative projects!**

*The Internet of Things: Do-It-Yourself at Home Projects for Arduino, Raspberry Pi, and BeagleBone Black* gets you started working with the most popular processing platforms and wireless communication technologies to connect devices and systems to the Internet using sensors. You'll learn the basics of object-oriented programming and relational databases so you can complete your projects with ease.

Each project features a list of required tools and components, how-to explanations with photos and illustrations, and complete programming code. Take advantage of the power and versatility of the IoT with help from this practical, easy-to-follow guide.

Inventive DIY projects include:

- Home temperature monitoring system
- Raspberry Pi home weather station
- Webcam and Raspberry Pi camera
- Internet-enabled, Arduino-powered garage door opener
- Arduino irrigation control system
- Arduino lighting controller
- BeagleBone Black message controller
- BeagleBone Black temperature sensor with cloud service
- Machine-to-Machine communications

Software downloads for the book are available at [www.mhprofessional.com/iot](http://www.mhprofessional.com/iot)

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- Ch 7: Arduino Irrigation Controller
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## Additional Information

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