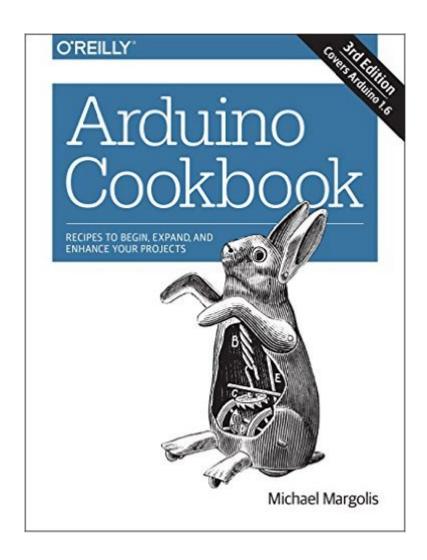
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Arduino Cookbook





Synopsis

Want to create devices that interact with the physical world? This cookbook is perfect for anyone who wants to experiment with the popular Arduino microcontroller and programming environment. Youâ TMII find more than 200 tips and techniques for building a variety of objects and prototypes such as toys, detectors, robots, and interactive clothing that can sense and respond to touch, sound, position, heat, and light. You donâ TMt need to have mastered Arduino or programming to get started. Updated for the Arduino 1.5 release, the recipes in this second edition include practical examples and guidance to help you begin, expand, and enhance your projects right awayâ "whether youâ TMre an artist, designer, hobbyist, student, or engineer. Get up to speed on the Arduino board and essential software concepts quicklyLearn basic techniques for reading digital and analog signalsUse Arduino with a variety of popular input devices and sensorsDrive visual displays, generate sound, and control several types of motorsInteract with devices that use remote controls, including TVs and appliancesLearn techniques for handling time delays and time measurementApply advanced coding and memory handling techniques

Book Information

Paperback: 800 pages

Publisher: O'Reilly Media; 3 edition (February 25, 2017)

Language: English

ISBN-10: 149190352X

ISBN-13: 978-1491903520

Product Dimensions: 5.9 x 0.6 x 9.8 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

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