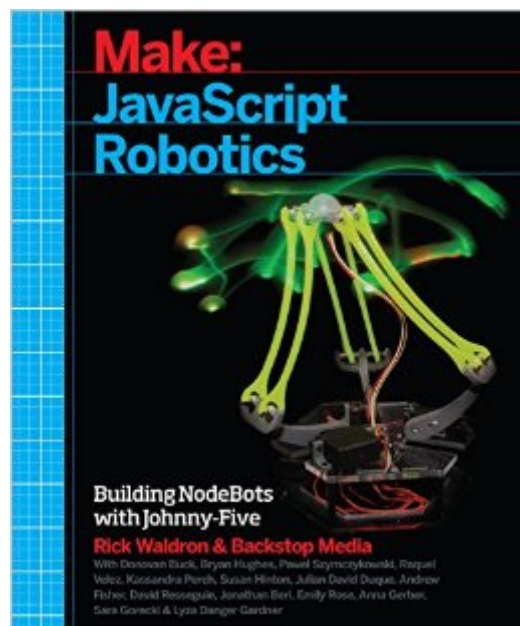# JavaScript Robotics: Building NodeBots With Johnny-Five, Raspberry Pi, Arduino, And BeagleBone (Make)

Synopsis

JavaScript Robotics is on the rise. Rick Waldron, the lead author of this book and creator of the Johnny-Five platform, is at the forefront of this movement. Johnny-Five is an open source JavaScript Arduino programming framework for robotics. This book brings together fifteen innovative programmers, each creating a unique Johnny-Five robot step-by-step, and offering tips and tricks along the way. Experience with JavaScript is a prerequisite.

Book Information

Series: Make

Paperback: 272 pages

Publisher: Maker Media, Inc; 1 edition (May 8, 2015)

Language: English

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Product Dimensions: 8 x 0.5 x 9.6 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 ststarsÂ Â See all reviewsÂ (5 customer reviews)

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Age Range: 11 - 17 years

Grade Level: 6 - 12

Customer Reviews

I'm a bit surprised I'm the first person to review this book. I randomly came across it when I was searching for the latest in robotics. For me, it's a pretty good fit. I have the basics down with electronics and am very solid in software. Each chapter is a completely different project, probably written by a different person. So some chapters are more detailed than others. Fortunately the pictures on the Kindle book fill in any ambiguities.I've come to realize that robotics is expensive. So instead of doing each project in the book, I picked a few that interested me and didn't cost too much in components. I completed the piDuino and Deltabot project. There were a few minor issues here and there (e.g. the example code crashes since some updated library has a bug), but I worked around it. The deltabot is really neat. I've extended it with the RasPi to have a web sockets

interface, which can have a smart phone input display.

While not entirely comprehensive, this book will definitely get you going and get the wheels turning on all of the things that you can do. Further, it seems to go a bit beyond the scope of the typical "robotics" genre, while still keeping things relatively light.

Great book on basic robotics, arduino, and JohnnyFive. Lots of good ideas that I can apply to other robotics projects.

The Make series of books have all been good. Thus one served to broaden my personal knowledge of robotics.

Images stopped showing up half way through which made it tough to follow the examples later in the book .

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