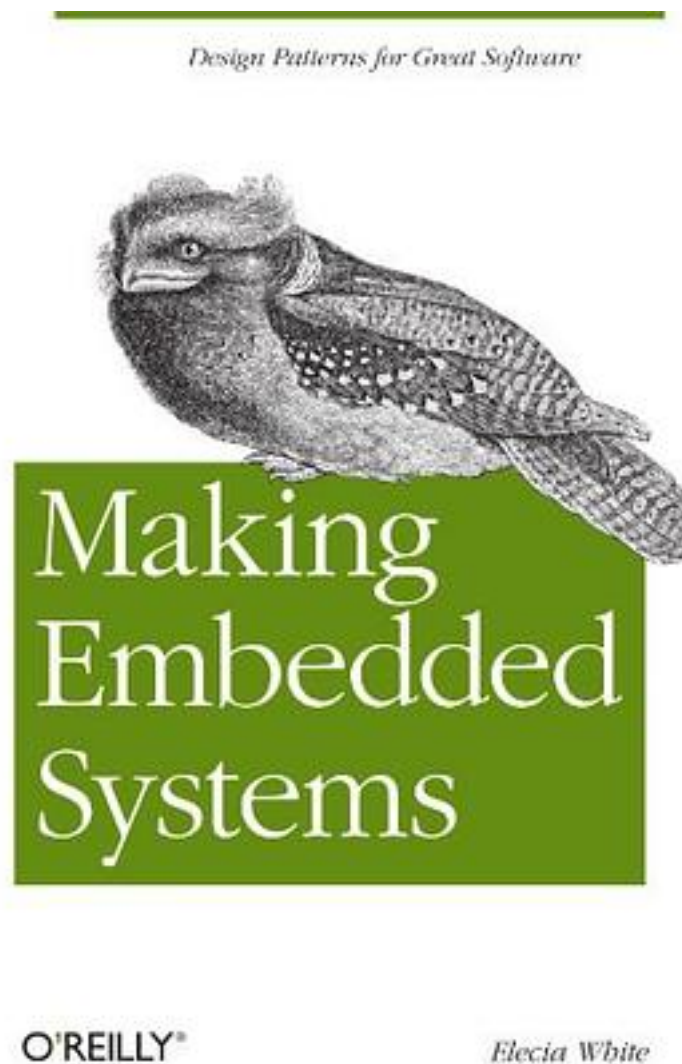


# Making Embedded Systems



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Eager to develop embedded systems? These systems don't tolerate inefficiency, so you may need a more disciplined approach to programming. This easy-to-read book helps you cultivate a host of good development practices, based on classic software design patterns as well as new patterns unique to embedded programming. You not only learn system architecture, but also specific techniques for dealing with system constraints and manufacturing requirements. Written by an expert who's created embedded systems ranging from urban surveillance and DNA scanners to children's toys, *Making Embedded Systems* is ideal for intermediate and experienced programmers, no matter what platform you use. \* Develop an architecture that makes your software robust and maintainable \* Understand how to make your code smaller, your processor seem faster, and your system use less power \* Learn how to explore sensors, motors, communications, and other I/O devices \* Explore tasks that are complicated on embedded systems, such as updating the software and using fixed point math to implement complex algorithms

## 作者介绍:

### About the Author

In the field of embedded systems, I have worked on DNA scanners, inertial measurement units for airplanes and race cars, toys for preschoolers, a gunshot location system

for catching criminals, and assorted medical and consumer devices.

I have specialized in signal processing, hardware integration, complex system design, and performance. Having been through FAA and FDA certification processes, I understand the importance of producing high-quality designs and how they lead to highquality implementations.

I've spent several years in management roles, but I enjoy hands-on engineering and the

thrill of delivering excellent products. I'm happy to say that leaving management has not decreased my opportunities to provide leadership and mentoring.

## 目录:

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## 标签

嵌入式

Embedded

编程

软件开发

计算机科学

计算机

Systems

开发

## 评论

内容比较初级，但是还值得一读。

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内容比较基本，有些面试题适合入门选手读读

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经典，神作！嵌入式软件工程师必读之书，适合进阶，对每个开发嵌入式开发的问题都做了介绍。

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Lovely book, and fall in love with White's podcast

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嵌入式产品开发经验谈，比较系统，介绍了不用操作系统情况下嵌入式产品开发时肯定会遇到的问题和如何应对的方法。适合入门，看看可少走不少弯路。

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书评

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