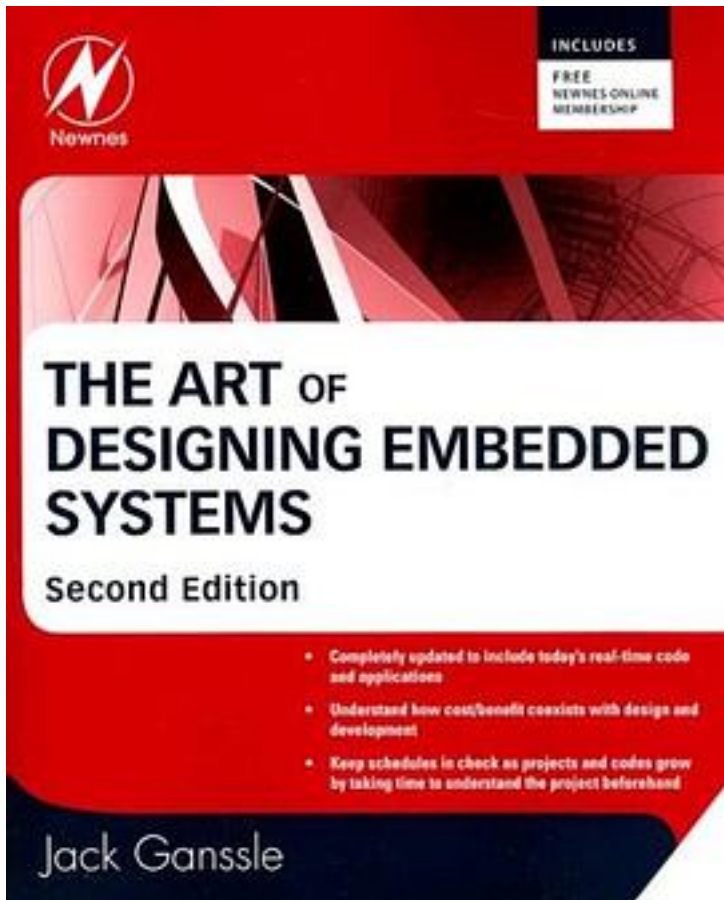


The Art of Designing Embedded Systems, Second Edition



[The Art of Designing Embedded Systems, Second Edition_下载链接1](#)

著者:Jack Ganssle

出版者:Newnes

出版时间:2008-05-16

装帧:Paperback

isbn:9780750686440

Jack Ganssle has been forming the careers of embedded engineers for 20+ years. He has done this with four books, over 500 articles, a weekly column, and continuous

lecturing. Technology moves fast and since the first edition of this best-selling classic much has changed. The new edition will reflect the author's new and ever evolving philosophy in the face of new technology and realities.

Now more than ever an overarching philosophy of development is needed before just sitting down to build an application. Practicing embedded engineers will find that Jack provides a high-level strategic plan of attack to the often times chaotic and ad hoc design and development process. He helps frame and solve the issues an engineer confronts with real-time code and applications, hardware and software coexistences, and streamlines detail management.

CONTENTS:

Chapter 1 - Introduction

Chapter 2 - The Project

Chapter 3 - The Code

Chapter 4 - Real Time

Chapter 5 - The Real World

Chapter 6 - Disciplined Development

Appendix A - A Firmware Standard

Appendix B - A Simple Drawing System

Appendix C - A Boss's Guide to Process

*Authored by Jack Ganssle, Tech Editor of Embedded Systems Programming and weekly column on embedded.com

*Keep schedules in check as projects and codes grow by taking time to understand the project beforehand

*Understand how cost/benefit coexists with design and development

作者介绍:

Jack

Ganssle, 嵌入式系统领域世界级权威。目前任Ganssle集团CEO，美国国家航空航天局（NASA）顾问。他有20多年从业经验。曾经创办过3家电子公司，包括一家领先的嵌入式开发工具厂商；主持开发了100多种嵌入式系统产品，包括美国白宫的安全系统，在线仿真器等等。他长年活跃于嵌入式开发社区，热心于传道解惑，多次在Embedded Systems

Conference等业界顶级技术大会做主旨演讲，他的大师研讨班帮助英特尔、西门子、TI等众多公司和成千上万的开发者提高了自己的嵌入式系统开发技能。他也是著名的技术作家，现任权威杂志Embedded stems

Programming的技术主编，除本书外，他还撰写了The Art of Programming Embedded Systems等著作。

目录:

[The Art of Designing Embedded Systems, Second Edition_下载链接1](#)

标签

嵌入式

软件

计算机科学

embedded

_技术

评论

[The Art of Designing Embedded Systems, Second Edition_下载链接1](#)

书评

谈一谈翻译的问题。

开始的几章是技术经济分析，翻译起来大概比较容易吧。后来我就不是在读书，而是在做校对的工作了。

从第四章开始，大概是涉及到了底层操作，翻译同志陷入了痛苦的深渊。比如p57：“...然后推进返回地址...” “...推进处理器的状态...” 读到这里，大...

读书笔记：

本书读完后的感觉感觉像是一本嵌入式开发人员的软件工程书籍，以第一人称的方式讲述作者的项目经历。从第一章的项目工程开始讲起，
工程项目：合理的安排时间，适当的回馈总结，系统的模块之间的耦合性
代码：固件检测；代码质量检测；按照需求合同进行设计； ...

[The Art of Designing Embedded Systems, Second Edition_下载链接1](#)