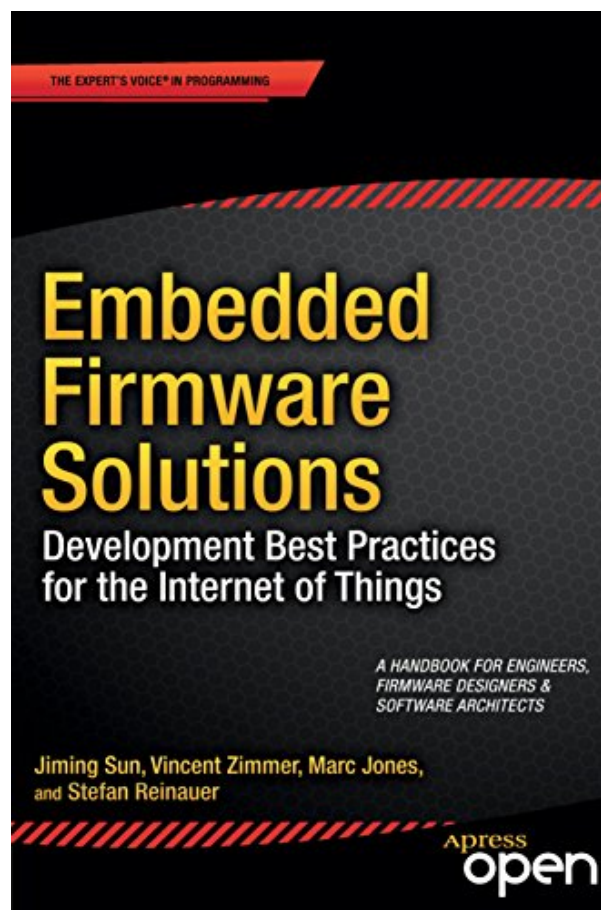


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About the Author

Vincent Zimmer is a Principal Engineer in the Software and Services Group at Intel Corporation. With over 22 years experience in embedded software development and design, Vincent holds nearly 300 U.S. patents and was awarded two Intel Achievement Awards for his development of firmware architecture and security. He has a Bachelor of Science in Electrical Engineering degree from Cornell University, Ithaca, New York, and a Master of Science in Computer Science degree from the University of Washington, Seattle.

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Embedded Firmware Solutions is the perfect introduction and daily-use field guide--for the thousands of firmware designers, hardware engineers, architects, managers, and developers--to Intel's new firmware direction (including Quark coverage), showing how to integrate Intel® Architecture designs into their plans.

Featuring hands-on examples and exercises using Open Source codebases, like Coreboot and EFI Development Kit (tianocore) and Chromebook, this is the first book that combines a timely and thorough overview of firmware solutions for the rapidly evolving embedded ecosystem with in-depth coverage of requirements and optimization.

What you'll learn

- Understand the key differences between PC and embedded ecosystems in terms of firmware needs.
- Thorough underpinning of Intel's firmware solutions.
- How to build a firmware stack for Quark.
- How to integrate FSP with a bootloader, by studying the hands-on example of Coreboot and UEFI.
- How to make a smart "build-it or buy-it" decision when starting a new embedded project.

Who this book is for

Firmware designers and engineers, hardware engineers, software architects, and product development managers.

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