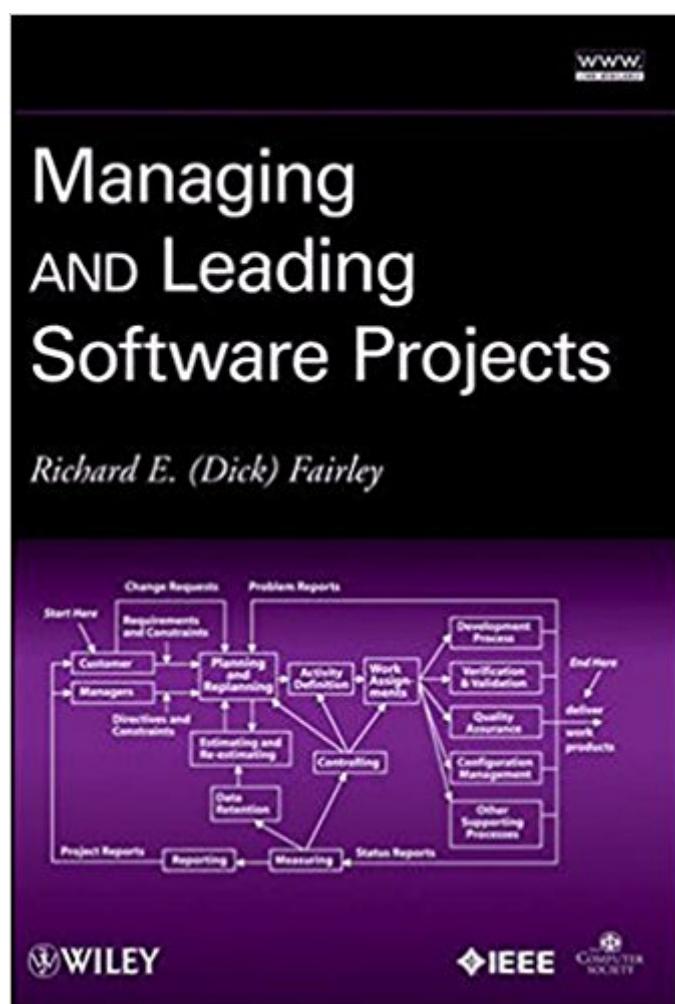


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# Managing And Leading Software Projects



## Synopsis

The book is organized around basic principles of software project management: planning and estimating, measuring and controlling, leading and communicating, and managing risk. Introduces software development methods, from traditional (hacking, requirements to code, and waterfall) to iterative (incremental build, evolutionary, agile, and spiral). Illustrates and emphasizes tailoring the development process to each project, with a foundation in the fundamentals that are true for all development methods. Topics such as the WBS, estimation, schedule networks, organizing the project team, and performance reporting are integrated, rather than being relegated to appendices. Each chapter in the book includes an appendix that covers the relevant topics from CMMI-DEV-v1.2, IEEE/ISO Standards 12207, IEEE Standard 1058, and the PMI® Body of Knowledge. (PMI is a registered mark of Project Management Institute, Inc.)

## Book Information

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## Customer Reviews

"This book is readable, informative, and well organized.... The material presented is up to date with respect to documents that were published at the time the book was written." (Computing Reviews, May 15, 2009) "Mark it up and keep it on your bookshelf, and be sure to reference it frequently." (Computing Reviews, April 28, 2008)

Discover the fundamental techniques for managing and leading software projects This book bridges the communication gap between project managers and software developers working toward the

common goal of developing successful software products and software systems. It provides the insights, methods, tools, and techniques necessary to understand the basic principles of software project management: planning and estimating, measuring and controlling, leading and communicating, and managing risk. It introduces software development methods, from traditional (hacking, requirements to code, and waterfall) to iterative (incremental build, evolutionary, agile, and spiral), and illustrates and emphasizes how to tailor the development process to specific projects. By reading this text and working through the exercises provided in each chapter, readers will learn how software projects differ from other kinds of projects (i.e., construction, agricultural, manufacturing, administrative, and traditional engineering projects), and how the methods and techniques of project management can be modified and adapted for software projects. Three appendices contain a glossary of terms, which is based on and augments IEEE Standard 610; suggestions for term projects; and an annotated template for preparing software project management plans. Additionally, a URL listed in the Preface directs readers to a Web site that provides supporting materials for the text. Clearly written and easy to follow, this book serves as an accessible textbook for advanced undergraduate- and graduate-level software engineering courses, as well as a valuable reference for software developers and software project managers.

Kinda dry, not very entertaining at all to read. When I'm doing schoolwork I actually don't even use this, I use my PMBOK for reference. That too is dry as well in content, but it's more useful and a quicker reference. This book has found a comfortable, dusty spot on my shelf. It may make a good doorstop someday.

Good to have it. Just to get a basic idea of managing projects

The book is excellent, it has a lot of things that will help to manage a SW project like templates

MANAGING SOFTWARE PROJECTS IS THE ONE OF THE MOST DIFFICULT AND CAN'T IMAGINE HOW TO DO ALL THE STUFF. IT IS A REALY BRIDGES THE GAP BETWEEN DEVELOPERS AND PROJECT MANAGERS. GOOD TO KNOW FOR DEVELOPERS, STUDENTS. THANKS TO IEEE, WILEY AND MR. RICHARD.E

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