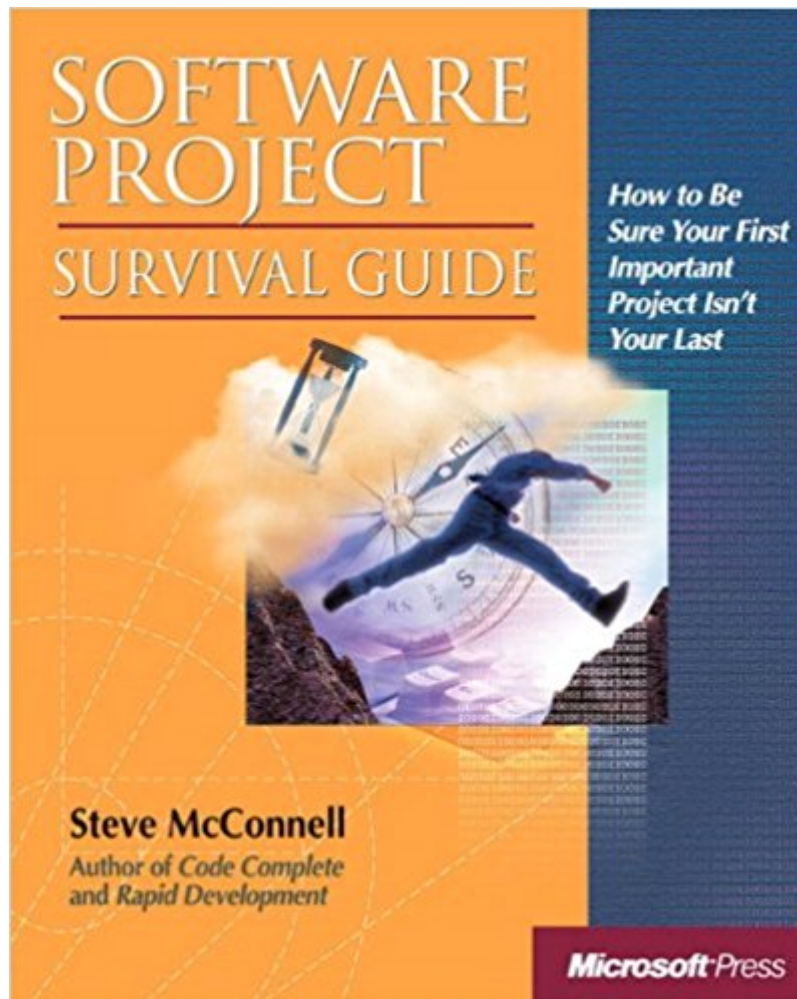


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# Software Project Survival Guide (Developer Best Practices)



## Synopsis

Equip yourself with SOFTWARE PROJECT SURVIVAL GUIDE. It's for everyone with a stake in the outcome of a development project--and especially for those without formal software project management training. That includes top managers, executives, clients, investors, end-user representatives, project managers, and technical leads. Here you'll find guidance from the acclaimed author of the classics CODE COMPLETE and RAPID DEVELOPMENT. Steve McConnell draws on solid research and a career's worth of hard-won experience to map the surest path to your goal--what he calls "one specific approach to software development that works pretty well most of the time for most projects." Nineteen chapters in four sections cover the concepts and strategies you need for mastering the development process, including planning, design, management, quality assurance, testing, and archiving. For newcomers and seasoned project managers alike, SOFTWARE PROJECT SURVIVAL GUIDE draws on a vast store of techniques to create an elegantly simplified and reliable framework for project management success. So don't worry about wandering among complex sets of project management techniques that require years to sort out and master. SOFTWARE PROJECT SURVIVAL GUIDE goes straight to the heart of the matter to help your projects succeed. And that makes it a required addition to every professional's bookshelf.

## Book Information

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## Customer Reviews

Most (but not all) information in "Software Project Survival Guide" was also presented in "Rapid Development" by the same author. The value of this book is not in the amount of information, because "Rapid Development" provides much more information and many different best practices. The value of this book is the clear road map it gives you for running a project according to the "staged delivery" model. The checklists in the book are invaluable. This book is a blessing for everyone who is overwhelmed by the amount of information in "Rapid Development". I think this book is the perfect companion to "Rapid Development". "Rapid Development" is the authoritative reference for a lot of good practices. "Software Project Survival Guide" provides the checklists and road maps to keep the project on track in every phase of the project.

I was disappointed in this book - perhaps it was a problem with expectations. McConnell's previous books - Code Complete and Rapid Development - were very well written and provided valuable insights into best practices in the computer industry. By attempting to do the same thing here, the author missed the mark. The Software Project Survival Guide presents a road map marked with good practice applied in a mature organization that understands the nature of software and responds rationally, providing the resources and time required to do the job right. The overwhelming majority of people who are taking on their first project management job will have few, if any, of the benefits that this book takes for granted. Don't get me wrong. This is a great collection of really good ideas and it's really well written, but it doesn't give much guidance to the first-time project manager who needs to deal with misdirection and misunderstanding from those who he or she reports to. The book presents a fine set of suggestions on "Techniques for Really Good Project Management," but there isn't much on "Survival."

This book is especially helpful to those either: 1) new to managing projects 2) have never been formally trained in managing projects 3) are more on the business side of the fence and need insight into the software development process. I highly recommend this book if you fall into any of the above categories. I also recommend buying this book for any non-technical bosses.

Computer books written in 1997 are either obsolete or classics. This one is a classic and a timeless one at that because it gives a straightforward approach to development projects that is consistent with best practices. Best practices are usually born from lessons learned from disasters. While there have been criticisms that this book might not be up to the realities of web development, I believe that the inverse is true: too many web development projects are initiated before they are

properly planned, and are not effectively controlled because of unskilled project managers. But that's a personal opinion. What you will find in this book that is applicable to any development project, regardless of whether the goal is a web- or e-commerce-based system, client/server or host-based. What you get is a structured approach to planning and estimating using proven methods (as opposed to pulling numbers out of thin air), excellent advice on organizing and motivating (and protecting) a project team, and how to manage delivery and release of a quality product. What I particularly like is the life-cycle framework, the controls provided to manage scope and product integrity and the emphasis on testing, release and quality. However, much of this can be mined from other books. What sets this book apart and makes it a classic is the wealth of tips and checklists and the way the author weaves his experiences into the approach. What makes this book effective is the copious advice given throughout about dealing with politics, people issues and other project and career killers. This book is about surviving projects and if the advice liberally sprinkled throughout is heeded it will go a long way towards helping you to do just that.

McConnell's released books on good construction practises, and good development practices. Now he finishes the circle with a book on good management practices. McConnell has a very good way of integrating the thoughts of many prominent industry gurus into a readable comprehensive format. His talent is to recognize the best ways that improve people as software workers. The thoughts and techniques from his previous work, Rapid Development, were excellent, and it is "the Software Project Survival Guide" that puts those techniques into concrete perspective. He concentrates on only a few of his published techniques, those that are most tried and true, but also provides a framework well suited to young and upcoming technical students hoping to become managers. (Like myself 8-D) A great companion to this book is Tom Demarco's "The Deadline", as it adds the human-element of managing projects that sometimes seems missing from McConnell's book. This is not to the detriment of McConnell's work, it is just that his approach is different. McConnell's books are readable, interesting, and are the best comprehensive books on improving yourself as a software worker. He's the guru of the 90's.

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