Peopleware Productive Projects And Teams

Controlling Software Projects shows managers how to organize software projects so they are objectively measurable, and prescribes techniques for making early and accurate projections of time and cost to deliver.
The authors show how to "manage" ingenuity--and "manufacture" the next great idea, in other words they tell what managers need to know about how artists and highly creative people work.
This book introduces the author's collection of wisdom under one umbrella: Software Craftmanship. This approach is unique in that it spells out a programmer-centric way to build software. In other words, all the best computers, proven components, and most robust languages mean nothing if the programmer does not understand their craft.
There's a saying that people don't leave companies, they leave managers. Management is a key part of any organization, yet the discipline is often self-taught and unstructured. Getting to the good solutions of complex management challenges can make the difference between fulfillment and frustration for teams, and, ultimately, the success or failure of companies.Will Larson's An Elegant Puzzle orients around the particular challenges of engineering management--from sizing teams to technical debt to succession planning--and provides a path to the good solutions. Drawing from his experience at Digg, Uber, and Stripe, Will Larson has developed a thoughtful approach to engineering management that leaders of all levels at companies of all sizes can apply. An Elegant Puzzle balances structured principles and human-centric thinking to help any leader create more effective and rewarding organizations for engineers to thrive in.
Becoming a Technical Leader
Driving Technical Change
Productive Projects and Teams (3rd Edition)
What Managers Need to Know about how Artists Work
The Design of Design: Essays from a Computer Scientist
Slack
The New Imperative

In the course of their 20+-year engineering careers, authors Brian Fitzpatrick and Ben Collins-Sussman have picked up a treasure trove of wisdom and anecdotes about how successful teams work together. Their conclusion? Even among people who have spent decades learning the technical side of their jobs, most haven't really focused on the human component. Learning to collaborate is just as important to success. If you invest in the "soft skills" of your job, you can have a much greater impact for the same amount of effort. The authors share their insights on how to lead a team effectively, navigate an organization, and build a healthy relationship with the users of your software. This is valuable information from two respected software engineers whose popular series of talks—including "Working with Poisonous People"—has attracted hundreds of thousands of followers.
** Will appeal to the same (large) audience as Joel on Software * Contains exclusive commentary by Joel * Lots of free publicity both because of Joel's influence in the community and the influence of the contributors*
Discover how to cope with instinct, emotion, and irrationality--the dinosaur brain--that disrupts any business enivronment, with a step-by-step process that helps you reason your way through turf wars and power struggles, surly subordinates, temperamental bosses, and more.... "The key to thriving in the corporate jungle is understanding dinosaurs." TIME From the Paperback edition.
*Often referred to as the "black art" because of its complexity and uncertainty, software estimation is not as difficult or puzzling as people think. In fact, generating accurate estimates is straightforward—once you understand the art of creating them. In his highly anticipated book, acclaimed author Steve McConnell unravels the mystery to successful software estimation—distilling academic information and real-world experience into a practical guide for working software professionals. Instead of arcane treatises and rigid modeling techniques, this guide highlights a proven set of procedures, understandable formulas, and heuristics that individuals and development teams can apply to their projects to help achieve estimation proficiency. Discover how to: Estimate schedule and cost—or estimate the functionality that can be delivered within a given time frame Avoid common software estimation mistakes Learn estimation techniques for you, your team, and your organization * Estimate specific project activities—including development, management, and defect correction Apply estimation approaches to any type of project—small or large, agile or traditional Navigate the shark-infested political waters that surround project estimates When many corporate software projects are failing, McConnell shows you what works for successful software estimation.*
Advanced Topics in Types and Programming Languages
Code Complete
A Guide for Tech Leaders Navigating Growth and Change
Rapid Development
Productive Projects an Teams
Adrenaline Junkies and Template Zombies
Productive Projects and Teams

Peter Seibel interviews 15 of the most interesting computer programmers alive today in Coders at Work, offering a companion volume to Apress's highly acclaimed best-seller Founders at Work by Jessica Livingston. As the words "at work" suggest, Peter Seibel focuses on how his interviewees tackle the day-to-day work of programming, while revealing much more, like how they became great programmers, how they recognize programming talent in others, and what kinds of problems they find most interesting. Hundreds of people have suggested names of programmers to interview on the Coders at Work web site: www.codersatwork.com. The complete list was 284 names. Having digested everyone's feedback, we selected 15 folks who've been kind enough to agree to be interviewed: Frances Allen: Pioneer in optimizing compilers, first woman to win the Turing Award (2006) and first female IBM fellow Joe Armstrong: Inventor of Erlang Joshua Bloch: Author of the Java collections framework, now at Google Bernie Cosell: One of the main software guys behind the original ARPANET IMPs and a master debugger Douglas Crockford: JSON founder, JavaScript architect at Yahoo! L. Peter Deutsch: Author of Ghostscript, implementer of Smalltalk-80 at Xerox PARC and Lisp 1.5 on PDP-1 Brendan Eich: Inventor of JavaScript, CTO of the Mozilla Corporation Brad Fitzpatrick: Writer of LiveJournal, OpenID, memcached, and Perlbal Dan Ingalls: Smalltalk implementor and designer Simon Peyton Jones: Coinventor of Haskell and lead designer of Glasgow Haskell Compiler Donald Knuth: Author of The Art of Computer Programming and creator of TeX Peter Norvig: Director of Research at Google and author of the standard text on AI Guy Steele: Coinventor of Scheme and part of the Common Lisp Gang of Five, currently working on Fortress Ken Thompson: Inventor of UNIX Jamie Zawinski: Author of XEmacs and early Netscape/Mozilla hacker
Few books in computing have had as profound an influence on software management as Peopleware . The unique insight of this longtime best seller is that the major issues of software development are human, not technical. They're not easy issues; but solve them, and you'll maximize your chances of success. "Peopleware has long been one of my two favorite books on software engineering. Its underlying strength is its base of immense real experience, much of it quantified. Many, many varied projects have been reflected on and distilled; but what we are given is not just lifeless distillate, but vivid examples from which we share the authors' inductions. Their premise is right: most software project problems are sociological, not technological. The insights on team jelling and work environment have changed my thinking and teaching. The third edition adds strength to strength." — Frederick P. Brooks, Jr., Kenan Professor of Computer Science, University of North Carolina at Chapel Hill, Author of The Mythical Man-Month and The Design of Design "Peopleware is the one book that everyone who runs a software team needs to read and reread once a year. In the quarter century since the first edition appeared, it has become more important, not less, to think about the social and human issues in software develop¿ment. This is the only way we're going to make more humane, productive workplaces. Buy it, read it, and keep a stock on hand in the office supply closet." —Joel Spolsky, Co-founder, Stack Overflow "When a book about a field as volatile as software design and use extends to a third edition, you can be sure that the authors write of deep principle, of the fundamental causes for what we readers experience, and not of the surface that everyone recognizes. And to bring people, actual human beings, into the mix! How excellent. How rare. The authors have made this third edition, with its additions, entirely terrific." —Lee Devin and Rob Austin, Co-authors of The Soul of Design and Artful Making For this third edition, the authors have added six new chapters and updated the text throughout, bringing it in line with today's development environments and challenges. For example, the book now discusses pathologies of leadership that hadn't previously been judged to be pathological; an evolving culture of meetings; hybrid teams made up of people from seemingly incompatible generations; and a growing awareness that some of our most common tools are more like anchors than propellers. Anyone who needs to manage a software project or software organization will find invaluable advice throughout the book.
Break the Old, Waterfall Habits that Hinder Agile Success: Drive Rapid Value and Continuous Improvement When agile teams don't get immediate results, it's tempting for them to fall back into old habits that make success even less likely. In Being Agile, Leslie Ekas and Scott Will present eleven powerful techniques for rapidly gaining substantial value from agile, making agile methods stick, and launching a "virtuous circle" of continuous improvement. Drawing on their experience helping more than 100 teams transition to agile, the authors review its key principles, identify corresponding practices, and offer breakthrough approaches for implementing them. Using their techniques, you can break typical waterfall patterns and go beyond merely "doing agile" to actually thinking and being agile. Ekas and Will help you clear away silos, improve stakeholder interaction, eliminate waste and waterfall-style inefficiencies, and lead the agile transition far more successfully. Each of their eleven principles can stand on its own: when you combine them, they become even more valuable. Coverage includes Building "whole teams" that cut across silos and work together throughout a product's lifecycle Engaging product stakeholders earlier and far more effectively Overcoming inefficient "waterations" and "big batch" waterfall thinking Getting past the curse of multi-tasking Eliminating dangerous technical and project debt Repeatedly deploying "release-ready" software in real user environments Delivering what customers really need, not what you think they needn Fixing the root causes of problems so they don't recur Learning from experience: mastering continuous improvement Assessing whether you're just "doing agile" or actually "being agile" Being Agile will be indispensable for all software professionals now adopting agile; for coaches, managers, engineers, and team members who want to get more value from it and for students discovering it for the first time.
A thorough and accessible introduction to a range of key ideas in type systems for programming language. The study of type systems for programming languages now touches many areas of computer science, from language design and implementation to software engineering, network security, databases, and analysis of concurrent and distributed systems. This book offers accessible introductions to key ideas in the field, with contributions by experts on each topic. The topics covered include precise type analyses, which extend simple type systems to give them a better grip on the run time behavior of systems; type systems for low-level languages; applications of types to reasoning about computer programs; type theory as a framework for the design of sophisticated module systems; and advanced techniques in ML-style type inference. Advanced Topics in Types and Programming Languages builds on Benjamin Pierce's Types and Programming Languages (MIT Press, 2002); most of the chapters should be accessible to readers familiar with basic notations and techniques of operational semantics and type systems—the material covered in the first half of the earlier book. Advanced Topics in Types and Programming Languages can be used in the classroom and as a resource for professionals. Most chapters include exercises, ranging in difficulty from quick comprehension checks to challenging extensions, many with solutions.
Controlling Software Projects
An Organic Problem-solving Approach
Understanding Scrum, XP, Lean, and Kanban
Reflections on the Craft of Programming
Further Thoughts on Diverse and Occasionally Related Matters That Will Prove of Interest to Software Developers, Designers, and Managers, and to Those Who, Whether by Good Fortune or Ill Luck, Work with Them in Some Capacity
Software Estimation
Managing Risk on Software Projects

Argues that the "lean and mean" corporate model of workaholism and downsizing is proving counterproductive, explaining how companies can implement downtime, promote flexibility, and foster creativity as part of realizing increased revenues. Reprint.
Whether you manage people, are managed by people, or just want to change the way you interact with others, this book is about success. How to plan it, how to make it happen--Becoming a Technical Leader shows you how to do it!
What makes the Apple iPhone cool? Bang & Olufsen and Samsung's televisions beautiful? Any of a wide variety of products and services special? The answer is not simply functionality or technology, for competitors' products are often as good. The Soul of Design explores the uncanny power of some products to grab and hold attention—to create desire. To understand what sets a product apart in this way, authors Lee Devin and Robert Austin push past personal taste and individual response to adopt a more conceptual approach. They carefully explore the hypothesis that there is something within a "special" product that makes it—well, special. They argue that this je ne sais quoi arises from "plot"—the shape that emerges as a product or service arouses and then fulfills expectations. Marketing a special product is, then, a matter of helping its audience perceive its plot and comprehend its qualities. Devin and Austin provide keys to understanding why some products and services stand out in a crowd and how the companies that make them create these hits. Part One of the book introduces the authors' definition of plot in this context; Part Two breaks down the components needed to build a plot; Part Three describes what makes a plot coherent; Part Four takes on the challenges of making coherent products and services attractive to consumers. Part Four also presents detailed casework, which shows how innovators and makers have successfully brought special products to market. Readers will come away with a sensible and clear approach to conceiving of artful products and services. This book will help managers and designers think about engaging with plot, taking aesthetic factors into account to provide consumers with more special things.
Project management is the application of processes, methods, knowledge, skills and experience to achieve the project objectives. A project is a unique, transient endeavour, undertaken to achieve planned objectives, which could be defined in terms of outputs, outcomes or benefits. A project is usually deemed to be a success if it achieves the objectives according to their acceptance criteria, within an agreed timescale and budget. The core components of project management are: defining the reason why a project is necessary; capturing project requirements, specifying quality of the deliverables, estimating resources and timescales; preparing a business case to justify the investment; securing corporate agreement and funding; developing and implementing a management plan for the project; leading and motivating the project delivery team; managing the risks, issues and changes on the project; monitoring progress against plan; managing the project budget; maintaining communications with stakeholders and the project organisation; provider management; closing the project in a controlled fashion when appropriate.
Improving Software Quality and Reducing Risk
The Soul of Design
Debugging Teams
Demystifying the Black Art
Managing Humans
Coders at Work
Learning Agile

The practice of building software is a "new kid on the block" technology. Though it may not seem this way for those who have been in the field for most of their careers, in the overall scheme of professions, software builders are relative "newbies." In the short history of the software field, a lot of facts have been identified, and a lot of fallacies promulgated. Those facts and fallacies are what this book is about. There's a problem with those facts–and, as you might imagine, those fallacies. Many of these fundamentally important facts are learned by a software engineer, but over the short lifespan of the software field, all too many of them have been forgotten. While reading Facts and Fallacies of Software Engineering , you may experience moments of "Oh, yes, I had forgotten that," alongside some "Is that really true?" thoughts. The author of this book doesn't shy away from controversy. In fact, each of the facts and fallacies is accompanied by a discussion of whatever controversy envelops it. You may find yourself agreeing with a lot of the facts and fallacies, yet emotionally disturbed by a few of them! Whether you agree or disagree, you will learn why the author has been called "the premier curmudgeon of software practice." These facts and fallacies are fundamental to the software building field–forget or neglect them at your peril!
From prolific and influential consultant and author Tom DeMarco comes a project management novel that vividly illustrates the principles--and the outright absurdities--that affect the productivity of a software development team. With his trademark wit set free in the novel format, DeMarco centers the plot around the development of six software products. Mr. Tompkins, a manager downsized from a giant telecommunications company, divides the huge staff of developers at his disposal into eighteen teams--three for each of the software products. The teams are different sizes and use different methods, and they compete against each other and against an impossible deadline. With these teams--and with the help of numerous "fictionalized" consultants who come to his aid--Tompkins tests the project management principles he has gathered over a lifetime. Each chapter closes with journal entries that form the core of the eye-opening approaches to management illustrated in this entertaining novel.
Two of the computer industry's best-selling authors and lecturers return with a new edition of the software management book that started a revolution.With humor and wisdom drawn from years of management and consulting experience, DeMarco and Lister demonstrate that the major issues of software development are human, not technical -- and that managers ignore them at their peril.Now, with a new Preface and eight new chapters, the authors enlarge upon their previous ideas and add fresh insights, examples, and anecdotes.Discover dozens of helpful tips on- putting more quality into a product- loosening up formal methodologies- fighting corporate entropy- making it acceptable to be uninterruptiblePeopleware, 2nd ed. shows you how to cultivate teams that are healthy and productive. The answers aren't easy -- just incredibly successful.
Widely considered one of the best practical guides to programming, Steve McConnell's original CODE COMPLETE has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code. Discover the timeless techniques and strategies that help you: Design for minimum complexity and maximum creativity Reap the benefits of collaborative development Apply defensive programming techniques to reduce and flush out errors Exploit opportunities to refactor—or evolve—code, and do it safely Use construction practices that are right-weight for your project Debug problems quickly and effectively Resolve critical construction issues early and correctly Build quality into the beginning, middle, and end of your project
Why Does Software Cost So Much?
Management, Measurement & Estimation
Artful Making
Biting and Humorous Tales of a Software Engineering Manager
Understanding Patterns of Project Behavior
Eleven Breakthrough Techniques to Keep You from "waterfalling Backward"
More Joel on Software

Joel, Apress, Blogs, and Blooks ...I was learning the hard way about how to be a publisher and probably spending way too much time looking at web sites and programming than I should have in response to that. Anyway, one day I came across this web site called , which was run by a guy with strong opinions and an unusual, clever writing style, along with a willingness to take on the conventional wisdom. In particular, he was writing this ongoing series about how bad most user interfaces were—mostly because programmers by and large knew, as Joel and I would say, using the same Yiddish – derived NYC vernacular that we both share, "bupkis" about what users really want. And I, like many, was hooked both by the series and the occasional random essay that Joel wrote. And then I had this epiphany: I'm a publisher, I like reading his stuff, why not turn it into a book?... Read the complete Foreword — Gary Cornell, Cofounder, Apress Since the release of the bestselling title Joel on Software in 2004, requests for a sequel have been relentless. So, we went back to the famed JoelonSoftware.com archives and pulled out a new batch of favorites, many of which have been downloaded over one million times. With Joel's newest book, More Joel on Software, you'll get an even better (not to mention updated) feast of Joel's opinions and impressions on software development, software design, running a software business, and so much more. This is a new selection of essays from the author's web site, http://www.joelonsoftware.com. Joel Spolsky started his weblog in March 2000 in order to offer his insights, based on years of experience, on how to improve the world of programming. This weblog has become infamous among the programming world, and is linked to more than 600 other web sites and translated into 30+ languages! Spolsky's extraordinary writing skills, technical knowledge, and caustic wit have made him a programming guru. With the success of Joel on Software, there has been a strong demand for additional gems and advice, and this book is the answer to those requests. Containing a collection of all – new articles from the original, More Joel on Software has even more of an edge than the original, and the tips for running a business or managing people have far broader application than the software industry. We feel it is safe to say that this is the most useful book you will buy this year.
Most software project problems are sociological, not technological. Peopleware is a book on managing software projects.
Known for his ability to find provocative answers to the most puzzling questions, Tom DeMarco explores a wide range of issues in twenty-four masterful essays.The offerings range from the wise to the kooky -- in fact, many of them defy categorization. But all are marked by the author's eye-opening perspectives on topics that demand your professional attention.Drawing together several essays published in such journals as IEEE Software and American Programmer, plus ten all-new papers never seen beyond his circle of colleagues, Tom DeMarco tackles a multitude of tough subjects and wrestles fresh insight out of them. Here's a compact, compelling edition of this acclaimed consultant's views on software engineering.Subjects include management-aided engineering, documentation, desktop video, productivity, software factories, teams, measurement, icons, and more!Essays Include* Why Does Software Cost So Much?* Mad About Measurement* Software Productivity: The Covert Agenda* The Choir and the Team* Management-Aided Software Engineering (with Sheila Brady of Apple Computer)* Lean and Mean* Software Development: State of the Art vs. State of the Practice (with Tim Lister)* Twenty Years of Software Engineering: Looking Forward, Looking Back* "If We Did Only One Thing to Improve . . ."-- plus fifteen more!
New technologies are popping up every day. Convincing co-workers to adopt them is the hard part. Adobe software evangelist Ryan breaks down the patterns and types of resistance technologists face in many organizations.
Implementation Patterns
Continuous Integration
Getting Past Burnout, Busywork, and the Myth of Total Efficiency
The Pragmatic Programmer
Dealing With All Those Impossible People at Work
Dinosaur Brains
Why People on Your Team Don't Act on Good Ideas, and how to Convince Them They Should

For any software developer who has spent days in "integration hell," cobbling together myriad software components, Continuous Integration: Improving Software Quality and Reducing Risk illustrates how to transform integration from a necessary evil into an everyday part of the development process. The key, as the authors show, is to integrate regularly and often using continuous integration (CI) practices and techniques. The authors first examine the concept of CI and its practices from the ground up and then move on to explore other effective processes performed by CI systems, such as database integration, testing, inspection, deployment, and feedback. Through more than forty CI-related practices using application examples in different languages, readers learn that CI leads to more rapid software development, produces deployable software at every step in the development lifecycle, and reduces the time between defect introduction and detection, saving time and lowering costs. With successful implementation of CI, developers reduce risks and repetitive manual processes, and teams receive better project visibility. The book covers How to make integration a "non-event" on your software development projects How to reduce the amount of repetitive processes you perform when building your software Practices and techniques for using CI effectively with your teams Reducing the risks of late defect discovery, low-quality software, lack of visibility, and lack of deployable software Assessments of different CI servers and related tools on the market The book's companion Web site, www.integratebutton.com, provides updates and code examples.
"Every business is a software business, and every business can profit from improved software processes" " " "Leadership, Teamwork, and Trust " discusses the critical importance of knowledge work to the success of modern organizations. It explains concrete and necessary steps for reshaping the way in which software development, specifically, is conducted. A sequel to Humphrey's influential "Winning with Software, "this book presents new and copious data to reinforce his widely adopted methods for transforming knowledge work into a significant and sustainable competitive advantage, thereby realizing remarkable returns. Humphrey addresses here the broader business community--executives and senior managers who must recognize that today, every business is a software business.
Corporate and commercial software-development teams all want solutions for one important problem—how to get their high-pressure development schedules under control. In RAPID DEVELOPMENT, author Steve McConnell addresses that concern head-on with overall strategies, specific best practices, and valuable tips that help shrink and control development schedules and keep projects moving. Inside, you'll find: A rapid-development strategy that can be applied to any project and the best practices to make that strategy work Candid discussions of great and not-so-great rapid-development practices—estimation, prototyping, forced overtime, motivation, teamwork, rapid-development languages, risk management, and many others A list of classic mistakes to avoid for rapid-development projects, including creeping requirements, shortchanged quality, and silver-bullet syndrome Case studies that vividly illustrate what can go wrong, what can go right, and how to tell which direction your project is going RAPID DEVELOPMENT is the real-world guide to more efficient applications development.
This is the digital version of the printed book (Copyright © 2008). Adrenaline junkies, dead fish, project sluts, true believers, Lewis and Clark, template zombies . . . Most developers, testers, and managers on IT projects are pretty good at recognizing patterns of behavior and gut-level hunches, as in, "I sense that this project is headed for disaster." But it has always been more difficult to transform these patterns and hunches into a usable form, something a team can debate, refine, and use. Until now. In Adrenaline Junkies and Template Zombies, the six principal consultants of The Atlantic Systems Guild present the patterns of behavior they most often observe at the dozens of IT firms they transform each year, around the world. The result is a quick-read guide to identifying nearly ninety typical scenarios, drawing on a combined one-hundred-and-fifty years of project management experience. Project by project, you'll improve the accuracy of your hunches and your ability to act on them. The patterns are presented in an easy-reference format, with names designed to ease communication with your teammates. In just a few words, you can describe what's happening on your project. Citing the patterns of behavior can help you quickly move those above and below you to the next step on your project. You'll find classic patterns such as these: News Improvement Management by Mood Ring Piling On Rattle Yer Dags Natural Authority Food++ Fridge Door and more than eighty more! Not every pattern will be evident in your organization, and not every pattern is necessarily good or bad. However, you'll find many patterns that will apply to your current and future assignments, even in the most ambiguous circumstances. When you assess your situation and follow your next hunch, you'll have the collective wisdom of six world-class consultants at your side.
An Elegant Puzzle
Understanding the Agile Manifesto
And Other Puzzles of the Information Age
Software Craftsmanship
Leadership, Teamwork, and Trust
The Deadline
Better Productivity Through Collaboration

Learning Agile is a comprehensive guide to the most popular agile methods, written in a light and engaging style that makes it easy for you to learn. Agile has revolutionized the way teams approach software development, but with dozens of agile methodologies to choose from, the decision to "go agile" can be tricky. This practical book helps you sort it out, first by grounding you principles, then by describing four specific—and well-used—agile methods: Scrum, extreme programming (XP), Lean, and Kanban. Each method focuses on a different area of development, but they all aim to change your team's mindset—from individuals who simply follow a plan to a cohesive group that makes decisions together. Whether you're considering agile for the first ti learn how to choose a method that best fits your team and your company. Understand the purpose behind agile's core values and principles Learn Scrum's emphasis on project management, self-organization, and collective commitment Focus on software design and architecture with XP practices such as test-first and pair programming Use Lean thinking to empower your team deliver software fast Learn how Kanban's practices help you deliver great software by managing flow Adopt agile practices and principles with an agile coach
Managing people is difficult wherever you work. But in the tech industry, where management is also a technical discipline, the learning curve can be brutal—especially when there are few tools, texts, and frameworks to help you. In this practical guide, author Camille Fournier (tech lead turned CTO) takes you through each stage in the journey from engineer to technical manager to working with senior staff, you'll get actionable advice for approaching various obstacles in your path. This book is ideal whether you're a new manager, a mentor, or a more experienced leader looking for fresh advice. Pick up this book and learn how to become a better manager and leader in your organization. Begin by exploring what you expect from a manager Understand w mentor, and a good tech lead Learn how to manage individual members while remaining focused on the entire team Understand how to manage yourself and avoid common pitfalls that challenge many leaders Manage multiple teams and learn how to manage managers Learn how to build and bootstrap a unifying culture in teams
Software Expert Kent Beck Presents a Catalog of Patterns Infinitely Useful for Everyday Programming Great code doesn't just function: it clearly and consistently communicates your intentions, allowing other programmers to understand your code, rely on it, and modify it with confidence. But great code doesn't just happen. It is the outcome of hundreds of small but critical decisi every single day. Now, legendary software innovator Kent Beck—known worldwide for creating Extreme Programming and pioneering software patterns and test-driven development—focuses on these critical decisions, unearthing powerful "implementation patterns" for writing programs that are simpler, clearer, better organized, and more cost effective. Beck collects 77 patterns programming tasks and writing more readable code. This new collection of patterns addresses many aspects of development, including class, state, behavior, method, collections, frameworks, and more. He uses diagrams, stories, examples, and essays to engage the reader as he illuminates the patterns. You'll find proven solutions for handling everything from naming variables
Bring together a wonderfully varied mix of characters in a once-grand Maine island summer cottage, leave them to their own devices over the course of a long, idyllic summer in the late 1940s, and you have all the ingredients for a fine comedy of manners. Author Tom DeMarco starts with a simple little love story, weaves in tantalizing details of the old mansion's not totally respe hint of gentle satire to create a novel that is touching, memorable, and deliciously entertaining.
your journey to mastery, 20th Anniversary Edition
Harnessing the Power of Plot to Create Extraordinary Products
Building a Competitive Software Capability
Selected and Introduced by Joel Spolsky
A Novel about Project Management
Peopleware
Systems of Engineering Management

"One of the most significant books in my life." –Obie Fernandez, Author, The Rails Way "Twenty years ago, the first edition of The Pragmatic Programmer completely changed the trajectory of my career. This new edition could do the same for yours." –Mike Cohn, Author of Succeeding with Agile, Agile Estimating and Planning, and User Stories Applied ". . . filled with practical advice, both technical and professional, that will serve you and your projects well for years to come." –Andrea Goulet, CEO, Corgibytes, Founder, LegacyCode.Rocks ". . . lightning does strike twice, and this book is proof." –VM (Vicky) Brasseur, Director of Open Source Strategy, Juniper Networks The Pragmatic Programmer is one of those rare tech books you'll read, re-read, and read again over the years. Whether you're new to the field or an experienced practitioner, you'll come away with fresh insights each and every time. Dave Thomas and Andy Hunt wrote the first edition of this influential book in 1999 to help their clients create better software and rediscover the joy of coding. These lessons have helped a generation of programmers examine the very essence of software development, independent of any particular language, framework, or methodology, and the Pragmatic philosophy has spawned hundreds of books, screencasts, and audio books, as well as thousands of careers and success stories. Now, twenty years later, this new edition re-examines what it means to be a modern programmer. Topics range from personal responsibility and career development to architectural techniques for keeping your code flexible and easy to adapt and reuse. Read this book, and you'll learn how to: Fight software rot Learn continuously Avoid the trap of duplicating knowledge Write flexible, dynamic, and adaptable code Harness the power of basic tools Avoid programming by coincidence Learn real requirements Solve the underlying problems of concurrent code Guard against security vulnerabilities Build teams of Pragmatic Programmers Take responsibility for your work and career Test ruthlessly and effectively, including property-based testing Implement the Pragmatic Starter Kit Delight your users Written as a series of self-contained sections and filled with classic and fresh anecdotes, thoughtful examples, and interesting analogies, The Pragmatic Programmer illustrates the best approaches and major pitfalls of many different aspects of software development. Whether you're a new coder, an experienced programmer, or a manager responsible for software projects, use these lessons daily, and you'll quickly see improvements in personal productivity, accuracy, and job satisfaction. You'll learn skills and develop habits and attitudes that form the foundation for long-term success in your career. You'll become a Pragmatic Programmer. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.
Managing Humans is a selection of the best essays from Michael Lopp's popular website Rands in Repose(www.randsinrepose.com). Lopp is one of the most sought-after IT managers in Silicon Valley, and draws on his experiences at Apple, Netscape, Symantec, and Borland. This book reveals a variety of different approaches for creating innovative, happy development teams. It covers handling conflict, managing wildly differing personality types, infusing innovation into insane product schedules, and figuring out how to build lasting and useful engineering culture. The essays are biting, hilarious, and always informative.
Being Agile
The Manager's Path
Facts and Fallacies of Software Engineering
The Best Software Writing I
Waltzing with Bears
Dark Harbor House