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Software Project Management For Dummies *Introduction to Software Project Management* Microsoft Project For Dummies **The Complete Software Project Manager** Software Project Management **Applied Software Project Management** *Software Project Management in Practice* *Better Software Project Management* **Software Project Management Quality** *Software Project Management* **Introduction to Software Project Management** **SOFTWARE ENGINEERING PROJECT MANAGEMENT** **Software Project Management in a Changing World** *Quality Software Project Management Done Right* *Software Project Management* **Mastering Software Project Management** **Project Management For Dummies** **The Everything Guide to Remote Work** **A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE)** Managing and Leading Software Projects *Effective Software Project Management* Virtual Project Management **Software Project Management Kit For Dummies?** Software Project Management in Practice **Software Project Management in a Changing World** Simple Project Management for Small Business **Applied Software Project Management** *Process-Based Software Project Management* **Advanced Multi-Project Management** *Project Management Information Systems* **AntiPatterns in Project Management** *Agile Project Management* Software Project Management **Practical Project Management** **Software Project Management Architecture-centric** **Software Project Management** **The Future of Project Management** *The Software Project Manager's Bridge to Agility* **Project Management of Large Software-Intensive Systems**

Software Project Management For Dummies Nov 01 2022 The increase in project outsourcing has forced traditional programmers to take on the role of project managers and quickly learn how to manage software projects The author discusses all of the essentials in widely accepted project management methodology, from managing programmers to assessing and eliminating risk The book covers the iterative development model, using Microsoft Project 2003, as well as a variety of methodologies including eXtreme, open source, SQA testing, software life cycle management, and more The companion Web site contains tools, case studies and other resources to help even novices get up and running

Practical Project Management Nov 28 2019 The author has 39 years of experience implementing project management techniques. Includes unique material based on the author's experiences that cannot be found elsewhere. Readers can refer to self-contained chapters for quick reference and problem-solving or read the entire book.

Introduction to Software Project Management Dec 22 2021 Although software development is one of the most complex activities carried out by man, sound development processes and proper project management can help ensure your software projects are delivered on time and under budget. Providing the know-how to manage software projects effectively, Introduction to Software Project Management supplies an accessible introduction to software project management. The book begins with an overview of the fundamental techniques of project management and the technical aspects of software development. This section supplies the understanding of the techniques required to mitigate uncertainty in projects and better control the

complexity of software development projects. The second part illustrates the technical activities of software development in a coherent process—describing how to customize this process to fit a wide range of software development scenarios. Examines project management frameworks and software development standards, including ESA and NASA guidelines, PRINCE2®, and PMBOK® Addresses open source development practices and tools so readers can adopt best practices and get started with tools that are available for free Explains how to tailor the development process to different kinds of products and formalities, including the development of web applications Includes access to additional material for both practitioners and teachers at www.spmbook.com Supplying an analysis of existing development and management frameworks, the book describes how to set up an open-source tool infrastructure to manage projects. Since practitioners must be able to mix traditional and agile techniques effectively, the book covers both and explains how to use traditional techniques for planning and developing software components alongside agile methodologies. It does so in a manner that will help you to foster freedom and creativity in assembling the processes that will best serve your needs. *Software Project Management* Jul 17 2021 To build reliable, industry-applicable software products, large-scale software project groups must continuously improve software engineering processes to increase product quality, facilitate cost reductions, and adhere to tight schedules. Emphasizing the critical components of successful large-scale software projects, *Software Project Management: A Process-Driven Approach* discusses human resources, software engineering, and technology to a level that exceeds most university-level courses on the subject. The book is organized into five parts. Part I defines project management with information on project and process specifics and choices, the skills and experience needed, the tools available, and the human resources organization and management that brings it all together. Part II explores software life-cycle management. Part III tackles software engineering processes and the range of processing models devised by several domestic and international organizations. Part IV reveals the human side of project management with chapters on managing the team, the suppliers, and the customers themselves. Part V wraps up coverage with a look at the technology, techniques, templates, and checklists that can help your project teams meet and exceed their goals. A running case study provides authoritative insight and insider information on the tools and techniques required to ensure product quality, reduce costs, and meet project deadlines. Praise for the book: This book presents all aspects of modern project management practices ... includes a wealth of quality templates that practitioners can use to build their own tools. ... equally useful to students and professionals alike. —Maqbool Patel, PhD, SVP/CTO/Partner, Acuitec

Software Project Management in a Changing World Oct 20 2021 By bringing together various current directions, *Software Project Management in a Changing World* focuses on how people and organizations can make their processes more change-adaptive. The selected chapters closely correspond to the project management knowledge areas introduced by the Project Management Body of Knowledge, including its extension for managing software projects. The contributions are grouped into four parts, preceded by a general introduction. Part I “Fundamentals” provides in-depth insights into fundamental topics including resource allocation, cost estimation and risk management. Part II “Supporting Areas” presents recent experiences and results related to the management of quality systems, knowledge, product portfolios and global and virtual software teams. Part III “New Paradigms” details new and evolving software-development practices including agile, distributed and open and inner-source development. Finally, Part IV “Emerging Techniques” introduces search-based techniques, social media, software process simulation and the efficient use of empirical data and their effects on software-management practices. This book will attract readers from both academia and practice with its excellent balance between new findings and experience of their usage in new contexts. Whenever appropriate, the presentation is based on evidence from empirical evaluation of the proposed approaches. For researchers and graduate students, it presents some of the latest methods and techniques to accommodate new challenges facing the discipline. For professionals, it serves as a source of inspiration for refining their project-management

skills in new areas.

Advanced Multi-Project Management May 03 2020 Even in a well-managed multi-project environment, it is not unusual to see half of all projects completed either late, over budget or with cuts to original scope. However, the proven approach presented in Advanced Multi-Project Management has enabled large, medium, and even small organizations to consistently complete their projects faster, within original scope and budget, and increase the number of projects executed with the same resources by as much as 70%. The list of companies that have used this methodology for stunning results includes some of the biggest, well-known names in the world—Boeing, Rio Tinto, ABB, and Chrysler. This guide details the six gears that must work in unison to drive speed and predictability within an organization.

[Better Software Project Management](#) Mar 25 2022 A complete guide to piloting a software project to success-on time and within budget This book provides novice software project managers, software developers, and anyone delivering reusable software with strategies for mastering the basics of directing a software project. Well-known management consultant Marsha Lewin uses a "been there, done that" approach designed to solve on-the-job problems quickly and efficiently. Learn how to get a project in motion immediately in the first chapter's "quick start" tutorial. This comprehensive overview outlines the ins and outs of software project management, including the expectations for a project manager, defining the project, satisfying critical needs, and leading and monitoring your team. These aspects of managing small- to medium-sized project types are detailed in the same lively, colloquial style that demystifies the complexities of the discipline. The author equips you with the tools to concurrently satisfy the triple constraints of schedule, budget, and quality within the context of risk management, and highlights potential pitfalls and their solutions to assure repeated success. To help you get under way and stay ahead, supplemental, ready-to-use forms, formats, and checklists are included, along with information on: ? Use of resources, including people and budget, the quality of software developed, and the costs and risks ? Political and technical issues affecting project success ? Risk management methodology ? Shaping yourself as a leader ? Software development methodologies, from traditional life cycle to prototyping, and how they relate to software project management ? Testing and its role in project management Dozens of real-world examples and diagrams, together with a comprehensive bibliography and glossary, render Better Software Project Management a crucial resource for anyone responsible for keeping software projects within budget and on schedule.

The Complete Software Project Manager Jul 29 2022 Your answer to the software project management gap The Complete Software Project Manager: From Planning to Launch and Beyond addresses an interesting problem experienced by today's project managers: they are often leading software projects, but have no background in technology. To close this gap in experience and help you improve your software project management skills, this essential text covers key topics, including: how to understand software development and why it is so difficult, how to plan a project, choose technology platforms, and develop project specifications, how to staff a project, how to develop a budget, test software development progress, and troubleshoot problems, and what to do when it all goes wrong. Real-life examples, hints, and management tools help you apply these new ideas, and lists of red flags, danger signals, and things to avoid at all costs assist in keeping your project on track. Companies have, due to the nature of the competitive environment, been somewhat forced to adopt new technologies. Oftentimes, the professionals leading the development of these technologies do not have any experience in the tech field—and this can cause problems. To improve efficiency and effectiveness, this groundbreaking book offers guidance to professionals who need a crash course in software project management. Review the basics of software project management, and dig into the more complicated topics that guide you in developing an effective management approach Avoid common pitfalls by perusing red flags, danger signals, and things to avoid at all costs Leverage practical roadmaps, charts, and step-by-step processes Explore real-world examples to see effective software project management in action The Complete Software Project Manager: From Planning to Launch and Beyond is a fundamental

resource for professionals who are leading software projects but do not have a background in technology.

The Future of Project Management Aug 25 2019 Annotation In addition, The Future of Project Management examines the challenges facing the longevity of project management as a profession. This is a book for anyone interested in project management--along with business leaders and others who enjoy exploring the future, understanding its implications, and learning to deal with change.

SOFTWARE ENGINEERING PROJECT MANAGEMENT Nov 20 2021 About The Book: Richard Thayer's popular; bestselling book presents a top-down, practical view of managing a successful software engineering project. The book builds a framework for project management activities based on the planning, organizing, staffing, directing, and controlling model. Thayer provides information designed to help you understand and successfully perform the unique role of a project manager. This book is a must for all project managers in the software field. The text focuses on the five functions of general management by first describing each function and then detailing the project management activities that support each function. This new edition shows you how to manage a software development project, discusses current software engineering management methodologies and techniques, and presents general descriptions and project management problems. The book serves as a guide for your future project management activities. The text also offers students sufficient background and instructional material to serve as a main supplementary text for a course in software engineering project management. · Introduction to Management · Software Engineering · Software Engineering Project Management · Planning's Software Engineering Project · Planning: Software Cost, Schedule, and Size · Organizing a Software Engineering Project · Staffing a Software Engineering Project · Directing a Software Engineering Project · Controlling a Software Engineering Project · Controlling: Software Metrics and Visibility of Progress

[Simple Project Management for Small Business](#) Aug 06 2020 If you are a small business owner it's likely you've encountered problems in your business that were tough to solve. Using a project management approach in your business can help you overcome obstacles so you can be successful and it will help you minimize confusion, rework, errors and best of all, it can help you delight your customers. This eBook includes: 1) Four reasons why project management is so valuable to small business. 2) Six easy steps to start managing projects in your business. 3) Four common problems with projects that could cause you to fail (and how to overcome them). 4) Five steps to finding the right project management software for your business.

Applied Software Project Management May 27 2022 "If you're looking for solid, easy-to-follow advice on estimation, requirements gathering, managing change, and more, you can stop now: this is the book for you."--Scott Berkun, Author of The Art of Project Management What makes software projects succeed? It takes more than a good idea and a team of talented programmers. A project manager needs to know how to guide the team through the entire software project. There are common pitfalls that plague all software projects and rookie mistakes that are made repeatedly--sometimes by the same people! Avoiding these pitfalls is not hard, but it is not necessarily intuitive. Luckily, there are tried and true techniques that can help any project manager. In Applied Software Project Management, Andrew Stellman and Jennifer Greene provide you with tools, techniques, and practices that you can use on your own projects right away. This book supplies you with the information you need to diagnose your team's situation and presents practical advice to help you achieve your goal of building better software. Topics include: Planning a software project Helping a team estimate its workload Building a schedule Gathering software requirements and creating use cases Improving programming with refactoring, unit testing, and version control Managing an outsourced project Testing software Jennifer Greene and Andrew Stellman have been building software together since 1998. Andrew comes from a programming background and has managed teams of requirements analysts, designers, and developers. Jennifer has a testing background and has managed teams of architects, developers, and testers. She has led multiple large-scale outsourced

projects. Between the two of them, they have managed every aspect of software development. They have worked in a wide range of industries, including finance, telecommunications, media, nonprofit, entertainment, natural-language processing, science, and academia. For more information about them and this book, visit stellman-greene.com

Introduction to Software Project Management Sep 30 2022 Although software development is one of the most complex activities carried out by man, sound development processes and proper project management can help ensure your software projects are delivered on time and under budget. Providing the know-how to manage software projects effectively, *Introduction to Software Project Management* supplies an accessible introduction to software project management. The book begins with an overview of the fundamental techniques of project management and the technical aspects of software development. This section supplies the understanding of the techniques required to mitigate uncertainty in projects and better control the complexity of software development projects. The second part illustrates the technical activities of software development in a coherent process—describing how to customize this process to fit a wide range of software development scenarios. Examines project management frameworks and software development standards, including ESA and NASA guidelines, PRINCE2®, and PMBOK® Addresses open source development practices and tools so readers can adopt best practices and get started with tools that are available for free Explains how to tailor the development process to different kinds of products and formalities, including the development of web applications Includes access to additional material for both practitioners and teachers at www.spmbook.com Supplying an analysis of existing development and management frameworks, the book describes how to set up an open-source tool infrastructure to manage projects. Since practitioners must be able to mix traditional and agile techniques effectively, the book covers both and explains how to use traditional techniques for planning and developing software components alongside agile methodologies. It does so in a manner that will help you to foster freedom and creativity in assembling the processes that will best serve your needs.

Software Project Management in Practice Apr 25 2022

Virtual Project Management Dec 10 2020 *Virtual Project Management: Software Solutions for Today and the Future* explores the technical management issues involved in the revolutionary new way of building complex software intensive systems faster and cheaper by employing the power of distributed operations. The book examines the implementation issues that cut deep inside present day collocated engineering organizations and recommends practical and affordable actions to aid organizations seeking increased productivity through distributed operations. The demand for integrated solutions constructed from a combination of existing and newly developed software increases daily. Many organizations find themselves with shortages of the critical skills necessary to compete in many of these newly created markets. Employing virtual collaborative development provides a dramatic increase in a company's opportunities to successfully compete. Virtual collaboration provides a broader skill and product knowledge base coupled with a deeper pool of personnel to potentially employ. It removes two of the major barriers - company affiliation and physical location. *Virtual Project Management: Software Solutions for Today and the Future* focuses on critical characteristics underlying how work actually gets done in traditional collocated engineering environments. It examines the changes taking place on virtual projects through a series of anecdotes based on real project experiences. The book provides an 8 step practical and affordable plan that can be used as a framework in either setting up and executing a new virtual project, or in instituting improvements to a project that has drifted off course. Others have lived through the pain of learning lessons the hard way. You don't need to follow their path. The insights and solutions offered by Paul McMahan answer the questions virtual project leaders will be asking well into the 21st century.

Done Right Aug 18 2021 Work is getting whipsawed. Teams are geographically distributed, digital strategies are shattering organizational hierarchies, competition is multi-directional, and digital natives are overturning long-time company norms. Modern work needs new masters to rise

up and lead. Done Right pulls from over thirty original interviews with experienced leaders across a variety of industries to show how tomorrow Managing and Leading Software Projects Feb 09 2021 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.)

Architecture-centric Software Project Management Sep 26 2019 To fully leverage the value of software architecture in enterprise development projects, you need to expressly and consciously link architecture with project management. This book shows how, drawing on powerful lessons learned at Siemens, one of the world's leading software development organizations. The authors offer insight into project management for software architects, insight into software architecture for project managers, and above all, insight into integrating the two disciplines to maximize the effectiveness of both of them. Learn how to develop cost and schedule estimates for development projects, based on software architecture; how to clarify architecture so projects can be more effectively planned and managed; and then how to use architecture to organize, implement, and measure the project iteratively as work progresses.

Software Project Management Dec 30 2019 To build reliable, industry-applicable software products, large-scale software project groups must continuously improve software engineering processes to increase product quality, facilitate cost reductions, and adhere to tight schedules. Emphasizing the critical components of successful large-scale software projects, Software Project Management: A Process-Driven Approach discusses human resources, software engineering, and technology to a level that exceeds most university-level courses on the subject. The book is organized into five parts. Part I defines project management with information on project and process specifics and choices, the skills and experience needed, the tools available, and the human resources organization and management that brings it all together. Part II explores software life-cycle management. Part III tackles software engineering processes and the range of processing models devised by several domestic and international organizations. Part IV reveals the human side of project management with chapters on managing the team, the suppliers, and the customers themselves. Part V wraps up coverage with a look at the technology, techniques, templates, and checklists that can help your project teams meet and exceed their goals. A running case study provides authoritative insight and insider information on the tools and techniques required to ensure product quality, reduce costs, and meet project deadlines. Praise for the book: This book presents all aspects of modern project management practices ... includes a wealth of quality templates that practitioners can use to build their own tools. ... equally useful to students and professionals alike. --Maqbool Patel, PhD, SVP/CTO/Partner, Acuitec

Software Project Management Jun 27 2022 From its first appearance in 1995, this book has been consistently well received by tutors and students alike. Now with a revised and updated 3rd edition the authors have updated the original text to better reflect the latest developments in Software Project Management.

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE) Mar 13 2021 PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard

for Project Management enumerates 12 principles of project management and the PMBOK® Guide – Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide:

- Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.);
- Provides an entire section devoted to tailoring the development approach and processes;
- Includes an expanded list of models, methods, and artifacts;
- Focuses on not just delivering project outputs but also enabling outcomes; and
- Integrates with PMI standards+™ for information and standards application content based on project type, development approach, and industry sector.

Software Project Management in a Changing World Sep 06 2020 By bringing together various current directions, Software Project Management in a Changing World focuses on how people and organizations can make their processes more change-adaptive. The selected chapters closely correspond to the project management knowledge areas introduced by the Project Management Body of Knowledge, including its extension for managing software projects. The contributions are grouped into four parts, preceded by a general introduction. Part I “Fundamentals” provides in-depth insights into fundamental topics including resource allocation, cost estimation and risk management. Part II “Supporting Areas” presents recent experiences and results related to the management of quality systems, knowledge, product portfolios and global and virtual software teams. Part III “New Paradigms” details new and evolving software-development practices including agile, distributed and open and inner-source development. Finally, Part IV “Emerging Techniques” introduces search-based techniques, social media, software process simulation and the efficient use of empirical data and their effects on software-management practices. This book will attract readers from both academia and practice with its excellent balance between new findings and experience of their usage in new contexts. Whenever appropriate, the presentation is based on evidence from empirical evaluation of the proposed approaches. For researchers and graduate students, it presents some of the latest methods and techniques to accommodate new challenges facing the discipline. For professionals, it serves as a source of inspiration for refining their project-management skills in new areas.

Software Project Management Feb 21 2022 Software Project Management: Measures for Improving Performance focuses on more than the mechanics of project execution. By showing the reader how to identify and solve real world problems that put schedule, cost, and quality at risk, this guide gets to the heart of improving project control and performance.

- Identify measurement needs and goals
- Determine what measures to use to maximize the value of data
- Interpret data and report the results
- Diagnose quality and productivity issues
- Use metrics data to solve real problems

This is a must-read for project managers and engineering managers working in organizations where deadlines are tight, the workload is daunting, and daily crises are the rule rather than the exception. The text provides simple run rate data through progressively advanced measures, as well as:

- Examples that show you how to combine measures to solve complex problems
- Exercises that guide you through best practices for metric program development and implementation

From beginning to end, Software Project Management: Measures for Improving Performance guides you to improved project performance — long before you turn the last page!

Process-Based Software Project Management Jun 03 2020 Not connecting software project management (SPM) to actual, real-world development processes can lead to a complete divorcing of SPM to software engineering that can undermine any successful software project. By explaining how a layered process architectural model improves operational efficiency, Process-Based Software Project Management out

The Everything Guide to Remote Work Apr 13 2021 Discover the secret to being productive and successful no matter where you are with this essential guide to remote work. During COVID-19, working from home became the new normal. Now, both employers and employees find that the remote work they were forced to adjust to may be, well, better—financially, sustainably, and even in terms of overall morale and productivity. But

working from home is not without its challenges. It can be difficult to eliminate distractions, strike a solid work/life balance, and maintain social connections that are crucial in the workplace. Whether you're trying to find and land a job from the comfort of your home, learning to manage a virtual team, or dream of living a digital nomad lifestyle, *The Everything Guide to Remote Work* has everything you need to be successful. You'll learn to optimize your own workplace culture, whether it's in your home office or a constantly changing backdrop. So whether your company continues to work remotely full time or you only have to go to the office a few days a week, you'll be armed with all the tools you'll need to make the most out of this new lifestyle.

Applied Software Project Management Jul 05 2020 Provides information on planning and managing a software project.

Software Project Management Kit For Dummies? Nov 08 2020 The seasoned programmer and novice alike find this reference the ideal resource for getting a project off to the right start. Friendly, practical advice is combined with the latest software in this ...For Dummies edition. Follow your expert guide through planning, development, testing, and implementation -- the first steps to your project's success. Then get your hands on scheduling, assigning resources and estimating costs, and best of all, making your software happen. The book's CD-ROM includes trial versions of Microsoft Project 2000, Soffrant TRACK, and Cost Xpert as well as templates and a wealth of other planning tools.

Quality Software Project Management Sep 18 2021 Drawing on best practices identified at the Software Quality Institute and embodied in bodies of knowledge from the Project Management Institute, the American Society of Quality, IEEE, and the Software Engineering Institute, *Quality Software Project Management* teaches 34 critical skills that allow any manager to minimize costs, risks, and time-to-market. Written by leading practitioners Robert T. Futrell, Donald F. Shafer, and Linda I. Shafer, it addresses the entire project lifecycle, covering process, project, and people. It contains extensive practical resources-including downloadable checklists, templates, and forms.

Agile Project Management Jan 29 2020 Best practices for managing projects in agile environments—now updated with new techniques for larger projects Today, the pace of project management moves faster. Project management needs to become more flexible and far more responsive to customers. Using Agile Project Management (APM), project managers can achieve all these goals without compromising value, quality, or business discipline. In *Agile Project Management, Second Edition*, renowned agile pioneer Jim Highsmith thoroughly updates his classic guide to APM, extending and refining it to support even the largest projects and organizations. Writing for project leaders, managers, and executives at all levels, Highsmith integrates the best project management, product management, and software development practices into an overall framework designed to support unprecedented speed and mobility. The many topics added in this new edition include incorporating agile values, scaling agile projects, release planning, portfolio governance, and enhancing organizational agility. Project and business leaders will especially appreciate Highsmith's new coverage of promoting agility through performance measurements based on value, quality, and constraints. This edition's coverage includes: Understanding the agile revolution's impact on product development Recognizing when agile methods will work in project management, and when they won't Setting realistic business objectives for Agile Project Management Promoting agile values and principles across the organization Utilizing a proven Agile Enterprise Framework that encompasses governance, project and iteration management, and technical practices Optimizing all five stages of the agile project: Envision, Speculate, Explore, Adapt, and Close Organizational and product-related processes for scaling agile to the largest projects and teams Agile project governance solutions for executives and management The "Agile Triangle": measuring performance in ways that encourage agility instead of discouraging it The changing role of the agile project leader

Effective Software Project Management Jan 11 2021 Why another book on software project management? For some time, the fields of project management, computer science, and software development have been growing rapidly and concurrently. Effective support for the enterprise

demands the merging of these efforts into a coordinated discipline, one that incorporates best practices from both systems development and project management life cycles. Robert K. Wysocki creates that discipline in this book--a ready reference for professionals and consultants as well as a textbook for students of computer information systems and project management. By their very nature, software projects defy a "one size fits all" approach. In these pages you will learn to apply best-practice principles while maintaining the flexibility that's essential for successful software development. Learn how to make the planning process fit the need * Understand how and why software development must be planned on a certainty-to-uncertainty continuum * Categorize your projects on a four-quadrant model * Learn when to use each of the five SDPM strategies--Linear, Incremental, Iterative, Adaptive, and Extreme * Explore the benefits of each strategic model and what types of projects it supports best * Recognize the activities that go into the Scoping, Planning, Launching, Monitoring/Controlling, and Closing phases of each strategy * Apply this knowledge to the specific projects you manage * Get a clear picture of where you are and how to get where you want to go

Microsoft Project For Dummies Aug 30 2022 Blow past the jargon and get hands-on, practical guidance on managing any project with Microsoft Project Lean. Agile. Hybrid. It seems that project management these days comes with more confusing buzzwords than ever. But you can make managing your next project simple and straightforward with help from Microsoft Project For Dummies. This book unpacks Microsoft's bestselling project management platform and walks you through every important feature, step-by-step, until you're ready to take on virtually any project, no matter the size. From getting set up for the first time to creating tasks, managing resources and working with time management features, you'll learn everything you need to know about managing a project in Microsoft's iconic software. You'll also find: Totally updated guidance that applies to both the desktop version and Microsoft's new subscription-based Microsoft Project Online Helpful information on integrating Agile practices and techniques into your project "Golden rules" that keep a project on-track and on-time Ways to effectively manage your resources with Microsoft Project's built-in functionality Managing a project, big or small, is no easy task. Luckily, Microsoft Project For Dummies can take a lot of the hassle out of your day-to-day life. Learn how to take advantage of this powerful software today!

Project Management of Large Software-Intensive Systems Jun 23 2019 The book describes how to manage and successfully deliver large, complex, and expensive systems that can be composed of millions of line of software code, being developed by numerous groups throughout the globe, that interface with many hardware items being developed by geographically dispersed companies, where the system also includes people, policies, constraints, regulations, and a myriad of other factors. It focuses on how to seamlessly integrate systems, satisfy the customer's requirements, and deliver within the budget and on time. The guide is essentially a "shopping list" of all the activities that could be conducted with tailoring guidelines to meet the needs of each project.

Quality Software Project Management Jan 23 2022 Drawing on best practices identified at the Software Quality Institute and embodied in bodies of knowledge from the Project Management Institute, the American Society of Quality, IEEE, and the Software Engineering Institute, Quality Software Project Management teaches 34 critical skills that allow any manager to minimize costs, risks, and time-to-market. Written by leading practitioners Robert T. Futrell, Donald F. Shafer, and Linda I. Shafer, it addresses the entire project lifecycle, covering process, project, and people. It contains extensive practical resources-including downloadable checklists, templates, and forms.

The Software Project Manager's Bridge to Agility Jul 25 2019 When software development teams move to agile methods, experienced project managers often struggle—doubtful about the new approach and uncertain about their new roles and responsibilities. In this book, two long-time certified Project Management Professionals (PMPs) and Scrum trainers have built a bridge to this dynamic new paradigm. They show experienced project managers how to successfully transition to agile by refocusing on facilitation and collaboration, not "command and control." The authors

begin by explaining how agile works: how it differs from traditional “plan-driven” methodologies, the benefits it promises, and the real-world results it delivers. Next, they systematically map the Project Management Institute’s classic, methodology-independent techniques and terminology to agile practices. They cover both process and project lifecycles and carefully address vital issues ranging from scope and time to cost management and stakeholder communication. Finally, drawing on their own extensive personal experience, they put a human face on your personal transition to agile—covering the emotional challenges, personal values, and key leadership traits you’ll need to succeed. Coverage includes Relating the PMBOKR Guide ideals to agile practices: similarities, overlaps, and differences Understanding the role and value of agile techniques such as iteration/release planning and retrospectives Using agile techniques to systematically and continually reduce risk Implementing quality assurance (QA) where it belongs: in analysis, design, defect prevention, and continuous improvement Learning to trust your teams and listen for their discoveries Procuring, purchasing, and contracting for software in agile, collaborative environments Avoiding the common mistakes software teams make in transitioning to agile Coordinating with project management offices and non-agile teams “Selling” agile within your teams and throughout your organization For every project manager who wants to become more agile. Part I An Agile Overview 7 Chapter 1 What is "Agile"? 9 Chapter 2 Mapping from the PMBOKR Guide to Agile 25 Chapter 3 The Agile Project Lifecycle in Detail 37 Part II The Bridge: Relating PMBOKR Guide Practices to Agile Practices 49 Chapter 4 Integration Management 51 Chapter 5 Scope Management 67 Chapter 6 Time Management 83 Chapter 7 Cost Management 111 Chapter 8 Quality Management 129 Chapter 9 Human Resources Management 143 Chapter 10 Communications Management 159 Chapter 11 Risk Management 177 Chapter 12 Procurement Management 197 Part III Crossing the Bridge to Agile 215 Chapter 13 How Will My Responsibilities Change? 217 Chapter 14 How Will I Work with Other Teams Who Aren't Agile? 233 Chapter 15 How Can a Project Management Office Support Agile? 249 Chapter 16 Selling the Benefits of Agile 265 Chapter 17 Common Mistakes 285 Appendix A Agile Methodologies 295 Appendix B Agile Artifacts 301 Glossary 321 Bibliography 327 Index 333

Project Management For Dummies May 15 2021 In today's time-pressured, cost-conscious global business environment, tight project deadlines and stringent expectations are the norm. Project Management For Dummies shows business professionals what works and what doesn't by examining the field's best practices. You can learn how to organise, estimate, and schedule projects more efficiently. Discover how to manage deliverables, issue changes, assess risks, maintain communications, and live up to expectations by making the most of the latest technology and software and by avoiding common problems that can trip up even the best project managers. This adaptation includes: The latest methods to manage resources and stay on track and within budget Coverage for dealing with the pros and cons of virtual teams Tips and information on setting realistic expectations and meeting everyone’s needs Methods and strategies to get tasks done with minimal staff Tips and advice for motivating a project team The latest concepts and fundamentals behind best-practice project management techniques The mindset and skill set of today’s most effective project managers—what it really takes to guarantee a successful project Information on how to involve project audiences by conducting a Stakeholder Analysis Trends and tough project types Assessment tools to determine strengths and weaknesses for everything from choosing software to selecting a project team Tactics for team motivation and the hottest risk management strategies

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to manage projects' information in a systematic way in order to achieve better project outcomes. This book includes an overview on project management information systems; project management environment; managing project information (project information cycle); managing project management information systems; and project management software and its role in the project success.

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