

Dsdm Business Focused Development Second Edition

This is the first of a two-volume set that constitutes the refereed proceedings of the Second International Conference on Usability and Internationalization, UIHCII 2007, held in Beijing, China in July 2007. The papers of this first volume cover HCI and culture and are organized in topical sections on cross-cultural design, internationalization and intercultural usability, as well as user studies.

Whether to continue using traditional cost and benefit analysis methods such as systems and software engineering standards or to use a relatively new family of software development processes known as Agile methods is one of most prevalent questions within the information technology field today. Since each family of methods has its strengths and weaknesses, the question being raised by a growing number of executives and practitioners is: Which family of methods provides the greater business value and return on investment (ROI)? Whereas traditional methods have been in use for many decades, Agile methods are still a new phenomenon and, until now, very little literature has existed on how to quantify the business value of Agile methods in economic terms, such as ROI and net present value (NPV). Using cost of quality, total cost of ownership, and total life cycle cost parameters, *The Business Value of Agile Software Methods* offers a comprehensive methodology and introduces the industry's initial top-down parametric models for quantifying the costs and benefits of using Agile methods to create innovative software products. Based on real-world data, it illustrates the first simple-to-use parametric models of Real Options for estimating the business value of Agile methods since the inception of the Nobel prize winning Black-Scholes formulas. Numerous examples on how to estimate the costs, benefits, ROI, NPV, and real options of the major types of Agile methods such as Scrum, Extreme Programming and Crystal Methods are also included. In addition, this reference provides the first comprehensive compilation of cost and benefit data on Agile methods from an analysis of hundreds of research studies. *The Business Value of Agile Software Methods* shatters key myths and misconceptions surrounding the modern-day phenomenon of Agile methods for creating innovative software products. It provides a complete business value comparison between traditional and Agile methods. The keys to maximizing the business value of any method are low costs and high benefits and the business value of Agile methods, when compared to traditional methods, proves to be very impressive. Agile methods are a new model of project management that can be used to improve the success, business value, and ROI of high-risk and highly complex IT projects in today's dynamic, turbulent, and highly uncertain marketplace. If you are an executive, manager, scholar, student, consultant or practitioner currently on the fence, you need to read this book!

Handboek over de aansluiting van nieuwe ICT-producten op de vereisten van een organisatie.

Enid Mumford (1924-2006) was a pioneer in the sociotechnical design of computer systems. Prof Mumford's work successfully investigated the introduction and implementation of computer systems by large corporations and governments. Mumford's ETHICS approach to software development emphasizes user participation, thus avoiding many of the problems of introducing new systems. It takes a holistic view of organizations, unifying both social and technological solutions. This updated edition of Mumford's book, *Designing Human Systems*, describes how modern agile programming techniques complement the ETHICS method. Together, the two methods cover both user and developer issues. This integrated approach offers an improved methodology for successful software development projects.

In an IT world in which there are differently sized projects, with different applications, differently skilled practitioners, and on-site, off-site, and off-shored development teams, it is impossible for there to be a one-size-fits-all agile development and testing approach. This book provides practical guidance for professionals, practitioners, and researchers faced with creating and rolling out their own agile testing processes. In addition to descriptions of the prominent agile methods, the book provides twenty real-world case studies of practitioners using agile methods and draws upon their experiences to propose your own agile method; whether yours is a small, medium, large, off-site, or even off-shore project, this book provides personalized guidance on the agile best practices from which to choose to create your own effective and efficient agile method.

An indispensable resource for business leaders, IT professionals and project managers working to effect positive change in their organizations, this innovative book presents a new paradigm for the management of evolving business and IT architectures. Enterprise release management takes a holistic view of change that offers a synthesis of traditional management approaches, including project and change management, enterprise architecture, and development practices like configuration and release management. Unlike many books that simply focus on portfolio planning, this practical reference establishes an end to end release framework which ensures initiatives are planned and prioritized to streamline portfolio execution and delivery. Benefits of the release-centric approach advocated include reduced execution and operational risk, improved demand management and optimized release throughput. This unique book offers a fresh enterprise perspective that addresses strategic change and the release life cycle, providing executives and managers with the tools they need to chart and track the course of their business.

Software Project Secrets: Why Software Projects Fail offers a new path to success in the software industry. This book reaches out to managers, developers, and customers who use industry-standard methodologies, but whose projects still struggle to succeed. Author George Stepanek analyzes the project management methodology itself, a critical factor that has thus far been overlooked. He explains why it creates problems for software development projects and begins by describing 12 ways in which software projects are different from other kinds of projects. He also analyzes the project management body of knowledge to discover 10 hidden assumptions that are invalid in the context of software projects. *Agile Estimating and Planning* is the definitive, practical guide to estimating and planning agile projects. In this book, Agile Alliance cofounder Mike Cohn discusses the philosophy of agile estimating and planning and shows you exactly

how to get the job done, with real-world examples and case studies. Concepts are clearly illustrated and readers are guided, step by step, toward how to answer the following questions: What will we build? How big will it be? When must it be done? How much can I really complete by then? You will first learn what makes a good plan—and then what makes it agile. Using the techniques in Agile Estimating and Planning, you can stay agile from start to finish, saving time, conserving resources, and accomplishing more. Highlights include: Why conventional prescriptive planning fails and why agile planning works How to estimate feature size using story points and ideal days—and when to use each How and when to re-estimate How to prioritize features using both financial and nonfinancial approaches How to split large features into smaller, more manageable ones How to plan iterations and predict your team's initial rate of progress How to schedule projects that have unusually high uncertainty or schedule-related risk How to estimate projects that will be worked on by multiple teams Agile Estimating and Planning supports any agile, semiagile, or iterative process, including Scrum, XP, Feature-Driven Development, Crystal, Adaptive Software Development, DSDM, Unified Process, and many more. It will be an indispensable resource for every development manager, team leader, and team member.

The rules and practices for Scrum—a simple process for managing complex projects—are few, straightforward, and easy to learn. But Scrum's simplicity itself—its lack of prescription—can be disarming, and new practitioners often find themselves reverting to old project management habits and tools and yielding lesser results. In this illuminating series of case studies, Scrum co-creator and evangelist Ken Schwaber identifies the real-world lessons—the successes and failures—culled from his years of experience coaching companies in agile project management. Through them, you'll understand how to use Scrum to solve complex problems and drive better results—delivering more valuable software faster. Gain the foundation in Scrum theory—and practice—you need to: Rein in even the most complex, unwieldy projects Effectively manage unknown or changing product requirements Simplify the chain of command with self-managing development teams Receive clearer specifications—and feedback—from customers Greatly reduce project planning time and required tools Build—and release—products in 30-day cycles so clients get deliverables earlier Avoid missteps by regularly inspecting, reporting on, and fine-tuning projects Support multiple teams working on a large-scale project from many geographic locations Maximize return on investment!

Business intelligence applications are of vital importance as they help organizations manage, develop, and communicate intangible assets such as information and knowledge. Organizations that have undertaken business intelligence initiatives have benefited from increases in revenue, as well as significant cost savings. Business Intelligence and Agile Methodologies for Knowledge-Based Organizations: Cross-Disciplinary Applications highlights the marriage between business intelligence and knowledge management through the use of agile methodologies. Through its fifteen chapters, this book offers perspectives on the integration between process modeling, agile methodologies, business intelligence, knowledge management, and strategic management.

For over 20 years, this has been the best-selling guide to software engineering for students and industry professionals alike. This seventh edition features a new part four on web engineering, which presents a complete engineering approach for the analysis, design and testing of web applications.

The 'Dynamic Systems Development Method' (DSDM) is a process that is used to deliver software systems. This text discusses the topic.

This book discusses action-oriented, concise and easy-to-communicate goals and challenges related to quality, reliability, infocomm technology and business operations. It brings together groundbreaking research in the area of software reliability, e-maintenance and big data analytics, highlighting the importance of maintaining the current growth in information technology (IT) adoption in businesses, while at the same time proposing process innovations to ensure sustainable development in the immediate future. In its thirty-seven chapters, it covers various areas of e-maintenance solutions, software architectures, patching problems in software reliability, preventive maintenance, industrial big data and reliability applications in electric power systems. The book reviews the ways in which countries currently attempt to resolve the conflicts and opportunities related to quality, reliability, IT and business operations, and proposes that internationally coordinated research plans are essential for effective and sustainable development, with research being most effective when it uses evidence-based decision-making frameworks resulting in clear management objectives, and is organized within adaptive management frameworks. Written by leading experts, the book is of interest to researchers, academicians, practitioners and policy makers alike who are working towards the common goal of making business operations more effective and sustainable.

Many claims are made about how certain tools, technologies, and practices improve software development. But which claims are verifiable, and which are merely wishful thinking? In this book, leading thinkers such as Steve McConnell, Barry Boehm, and Barbara Kitchenham offer essays that uncover the truth and unmask myths commonly held among the software development community. Their insights may surprise you. Are some programmers really ten times more productive than others? Does writing tests first help you develop better code faster? Can code metrics predict the number of bugs in a piece of software? Do design patterns actually make better software? What effect does personality have on pair programming? What matters more: how far apart people are geographically, or how far apart they are in the org chart? Contributors include: Jorge Aranda Tom Ball Victor R. Basili Andrew Begel Christian Bird Barry Boehm Marcelo Cataldo Steven Clarke Jason Cohen Robert DeLine Madeline Diep Hakan Erdogmus Michael Godfrey Mark Guzdial Jo E. Hannay Ahmed E. Hassan Israel Herraiz Kim Sebastian Herzig Cory Kapser Barbara Kitchenham Andrew Ko Lucas Layman Steve McConnell Tim Menzies Gail Murphy Nachi Nagappan Thomas J. Ostrand Dewayne Perry Marian Petre Lutz Prechelt Rahul Premraj Forrest Shull Beth Simon Diomidis Spinellis Neil Thomas Walter Tichy Burak Turhan Elaine J. Weyuker Michele A. Whitecraft Laurie Williams Wendy M. Williams Andreas Zeller Thomas Zimmermann

This is the definitive guide for managers and students to agile and iteratedevelopment methods: what they are, how

they work, how to implement them, and why they should.

Software development projects have always held the promise of greater efficiency or increased automation, but today's business projects are no longer satisfied with automating existing ways of competing in the market place - they want to transform the markets themselves. *Developing Business Objects* brings together the experiences of the practitioners who pioneered the use of object-oriented methods and languages in commercial applications, and presents their experiences of applying and succeeding (and in some cases failing) with object technology. Since each chapter of the book is firmly grounded in the real world of people, budgets, deadlines, successes and failures, it cuts through the hype to the real issues that affect the quality and productivity of every software engineering endeavor. The book includes sections on the need for 'concurrent engineering' (all phases of a traditional life cycle happening in parallel and the advantages and difficulties this brings), the importance of understanding the business purpose rather than automating what currently exists, and the importance of effective management of change.

Advances in Computers, Volume 113, the latest volume in this innovative series published since 1960, presents detailed coverage of new advancements in computer hardware, software, theory, design and applications. Chapters in this updated release include A Survey on Regression Test-case Prioritization, Symbolic Execution and Recent Applications to Worst-Case Execution, Load Testing and Security Analysis, Model Based Test Cases Reuse and Optimization, Advances in Using Agile and Lean Processes for Software Development, Three Open Problems in the Context of E2E Web Testing and a Vision: NEONATE, Experiences with replicable experiments and replication kits for software engineering research, and Advances in Symbolic Execution. Provides in-depth surveys and tutorials on new computer technology Covers well-known authors and researchers in the field Presents extensive bibliographies with most chapters Includes volumes that are devoted to single themes or subfields of computer science DSDM is about people, not tools. It is about truly understanding the needs of a business, delivering software solutions that work and delivering them as quickly and as cheaply as possible. The Dynamic Systems Development Method provides a framework of controls and best practice for Rapid Application Development. It was created by a consortium of organisations and it has been proved, since its publication in January 1995, to be extremely effective in delivering maintainable systems which match the needs of the business better than those produced using traditional lifecycles. This book, commissioned by the DSDM Consortium and written by the chairman of the Technical Committee which developed the method, explores the day-to-day realities of implementing the method. It is a practitioner's guide, dealing with issues such as how to get people from different disciplines to work together as a team, how to gain commitment and how to manage projects within normal business constraints. In this book you will find: practical guidelines on the implementation of key elements of the method such as "timeboxes" and the MOSCOW Rules clear recommendations for the roles and responsibilities of the members of the development team advice on which type of application is most likely to benefit from the method eight lengthy case studies by well-known companies, providing a benchmark against which to assess the suitability of candidate projects numerous examples and anecdotes, enabling the reader to benefit from the author's experience putting the method into practice Do you want to cut the development time and increase the fitness-for-use of screen based business applications, by orders of magnitude? This book will enable those in organisations which develop or purchase tailored IT systems, to gain a clear understanding of the benefits of the incremental and iterative approach embodied in the DSDM. 0201178893B04062001

A must-read for any project management professional or student. Projects are the life blood of any organization. Revised to reflect the latest changes to A Guide to the Project Management Body of Knowledge (PMBOK(R)) and the Project Management Professional Exam(R), the fourth edition of *The AMA Handbook of Project Management* provides readers with a clear overview of a complex discipline. Covering everything from individual projects to programs and strategic alignment, it addresses: Project initiation and planning Communication and interpersonal skills Scheduling, budgeting and meeting business objectives Managing political and resource issues Implementing a PMO Measuring value and competencies. The book compiles essays and advice from the field's top professionals and features new chapters on stakeholder management, agile project management, program management, project governance, knowledge management, and more. Updated with fresh examples, case studies and solutions to specific project management dilemmas, it remains an essential reference to the critical concepts and theories all project managers must master.

DSDM Business Focused Development Pearson Education

"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

This publication explores the differences between PRINCE2 and DSDM, the most established and internationally recognised project management approaches, as well as discussing where they overlap and how they can be integrated. It shows how users can combine the strength of both approaches so that they complement each other and create a new, best of breed framework suitable for all project environments.

This work is the definitive guide for IT managers and agile practitioners. It elucidates the principles of agile risk management and how these relate to individual projects. Explained in clear and concise terms, this synthesis of project risk management and agile techniques is illustrated using the major methodologies such as XP, Scrum and DSDM. Although the agile community frequently cites risk management, research suggests that risk is often narrowly defined and, at best, implicitly treated, which in turn leads to an inability to make informed decisions concerning risk and reward and a poor understanding of when to engage in risk-related activities. Moreover, the absence of reference to enterprise risk management means that project managers are unable to clearly articulate scope or tailor their projects in line with the wider expectations of the organisation. Yet the agile approach, with its rich toolset of techniques, is very well equipped to effectively and efficiently deal with the risks that arise in projects. Alan Moran addresses the above issues by proposing an agile risk-management process derived from classical risk management but adapted to the circumstances of agile projects. Though his main focus is on the software development process, much of what he describes could be applied to other types of IT projects as well. This book is intended for anyone who is serious about balancing risk and reward in the pursuit of value for their stakeholders, and in particular for those directly involved in agile software development who share a concern for how risk should be managed. Whilst a thorough background in risk management is not presumed, a basic level of familiarity with or exposure to agility is helpful.

Ebook: Object-Oriented Systems Analysis and Design Using UML

Describes Agile Modeling Driven Design (AMDD) and Test-Driven Design (TDD) approaches, database refactoring, database encapsulation strategies, and tools that support evolutionary techniques Agile software developers often use object and relational database (RDB) technology together and as a result must overcome the impedance mismatch The author covers techniques for mapping objects to RDBs and for implementing concurrency control, referential integrity, shared business logic, security access control, reports, and XML An agile foundation describes fundamental skills that all agile software developers require, particularly Agile DBAs Includes object modeling, UML data modeling, data normalization, class normalization, and how to deal with legacy databases Scott W. Ambler is author of Agile Modeling (0471202827), a contributing editor with Software Development (www.sdmagazine.com), and a featured speaker at software conferences worldwide

Agile Oracle Application Express shows how skilled, motivated, and self-organizing developers can realize extraordinary commercial benefits from Oracle Application Express. The secret is to couple Application Express with an agile software development approach. This book leads the way. Oracle Application Express is well-suited to agile processes, with its support for rapid prototyping and team development. Application Express supports a gamut of enabling technologies such as SQL, HTML, CSS, JavaScript, and more that enable you to deliver any type of web application to meet your development needs. Agile Oracle Application Express helps you take the feature set of Application Express and marry it with the processes of agile development to iteratively design, create, and deliver quality applications on time and within budget.

Welcome! Kudos on taking the first important step towards prepping up for the Exam! This book is a quick Reference Guide created for the PSM II (Professional Scrum Master) Examinations. Questions and Answers (similar to the ones in the exam) are included. The guide helps highlight the most important information for you to see at a glance. It also brings the most relevant information for the PSM II Exam together in one resource. Note: 1) The Reference Guide is based on the latest Scrum guides. 2) Information and Content found on the Scrum Guide, Nexus Guides and other articles (found on Scrum.org) is repeated on this Reference guide. 3) This Reference guide is not a text book or a replacement to the Scrum Guide. It's simply your workbook which has content presented systematically to understand and memorize for the exam. 4) The Reference guide also has questions and answers which will help you prepare for the PSM II exam. 5) Your feedback is much appreciated. Please feel free to email ScrumReferenceGuides@gmail.com in case of any questions. 6) % of the book is available for you to see before you buy it in the "Look Inside" Amazon Feature. This will help you understand exactly what you are buying. 7) You do not need to purchase the PSM II Question Bank (ISBN : 978-1-7345536-5-9) if you purchase this book. The PSM II assessment is structured in a similar way to PSM I. It is comprised of 30 multiple choice questions. You have 90 minutes to complete the assessment and must score 85%+ to achieve the certification. The questions and answer options tend to be longer than in PSM I and it takes more time to read and understand. As with all Scrum.org assessments, it is challenging and designed to test your real understanding of Scrum. The Guide also contains Questions and Answers which will help you prepare for the Professional Scrum Master II (PSM II) and / or Professional Scrum Product Owner II (Level 2) Exam. Information in this Guide references: 1.The Scrum Guide. (Nov 2020) 2.The Nexus Guide. (Jan 2021) 3.The Kanban Guide. (Jan 2021) 4. Professional Scrum Development Scrum Topics. 5. Evidence Based Management Guide. 6. Scrum Org Professional Scrum Master Learning Path. 7. Scrum Org Professional Scrum Product Owner Learning Path. 8. Scrum Org Professional Agile Learning Path. 9. Scrum Forums, white papers, articles and training videos (Scrum.Org). 10. Other Scrum sites and books. 11. Practice Questions and Answers. A) 160 Professional Scrum Master Basics Questions and Answers. B) 130 Scaled Professional Scrum Questions and Answers. C) 160 Professional Scrum Developer Questions and Answers. D) 134 Kanban Questions and Answers. E) 132 PAL-E and Professional Scrum Master (Level 2) Questions and Answers. F) 80 Professional Scrum Master II (Level 2) Questions and Answers.

Traditional software development methods struggle to keep pace with the accelerated pace and rapid change of Internet-era development. Several "agile methodologies" have been developed in response -- and these approaches to software development are showing exceptional promise. In this book, Jim Highsmith covers them all -- showing what they have in common, where they differ, and how to choose and customize the best agile approach for your needs. KEY

TOPICS:Highsmith begins by introducing the values and principles shared by virtually all agile software development methods. He presents detailed case studies from organizations that have used them, as well as interviews with each method's principal authors or leading practitioners. Next, he takes a closer look at the key features and techniques associated with each major Agile approach: Extreme Programming (XP), Crystal Methods, Scrum, Dynamic Systems Development Method (DSDM), Lean Development, Adaptive Software Development (ASD), and Feature-Driven Development (FDD). In Part III, Highsmith offers practical advice on customizing the optimal agile discipline for your own organization. MARKET:For all software developers, project managers, and other IT professionals seeking more flexible, effective approaches to developing software.

Good requirements do not come from a tool, or from a customer interview. They come from a repeatable set of processes that take a project from the early idea stage through to the creation of an agreed-upon project and product scope between the customer and the developer. From enterprise analysis and planning requirements gathering to documentation, Determining Project Requirements, Second Edition: Mastering the BABOK® and the CBAP® Exam covers the entire business analysis cycle as well as modeling techniques. Aligned with the International Institute of Business Analysis' (IIBA) Business Analysis Body of Knowledge 2.0® (BABOK® Guide 2.0), the second edition of this popular reference provides readers with a complete and up-to-date resource for preparing to take the Certified Business Analysis Professional (CBAP®) examination. It also: Presents helpful techniques, tools, best practices, and templates to help readers improve the requirements gathering processes within their organization Contains exercises, sample

solutions, and a case study that illustrate how to deal with the various situations that might be encountered in the requirements gathering process. Supplies a broad overview of a multitude of business analysis issues. Includes two sample business requirements documents—one is a comprehensive template, provided courtesy of ESI International, the second is a simpler template suitable for smaller projects. The book covers all of the BABOK® knowledge areas and features new preparatory sections for the CBAP® exam that include 300 questions. It examines data modeling, requirements modeling techniques, process modeling, and hybrid techniques. With its many examples, use cases, and business requirements document templates, this book is the ideal self-study guide for practitioners. The combination of theory, activities, exercises, solutions, case study, and exam questions also makes it suitable for business analysis students.

Carefully researched over ten years and eagerly anticipated by the agile community, *Crystal Clear: A Human-Powered Methodology for Small Teams* is a lucid and practical introduction to running a successful agile project in your organization. Each chapter illuminates a different important aspect of orchestrating agile projects. Highlights include: Attention to the essential human and communication aspects of successful projects. Case studies, examples, principles, strategies, techniques, and guiding properties. Samples of work products from real-world projects instead of blank templates and toy problems. Top strategies used by software teams that excel in delivering quality code in a timely fashion. Detailed introduction to emerging best-practice techniques, such as Blitz Planning, Project 360°, and the essential Reflection Workshop. Question-and-answer with the author about how he arrived at these recommendations, including where they fit with CMMI, ISO, RUP, XP, and other methodologies. A detailed case study, including an ISO auditor's analysis of the project. Perhaps the most important contribution this book offers is the Seven Properties of Successful Projects. The author has studied successful agile projects and identified common traits they share. These properties lead your project to success; conversely, their absence endangers your project.

On behalf of the PROFES organizing committee we would like to welcome you to the 4th International Conference on Product Focused Software Process Improvement (PROFES 2002) in Rovaniemi, Finland. The conference was held on the Arctic Circle in exotic Lapland under the Northern Lights just before Christmas time, when Kaamos (the polar night is known in Finnish as "Kaamos") shows its best characteristics. PROFES has established itself as one of the recognized international process improvement conferences. Despite the current economic downturn, PROFES has attracted a record number of submissions. A total of 70 full papers were submitted and the program committee had a difficult task in selecting the best papers to be presented at the conference. The main theme of PROFES is professional software process improvement (SPI) motivated by product and service quality needs. SPI is facilitated by software process assessment, software measurement, process modeling, and technology transfer. It has become a practical tool for quality software engineering and management. The conference addresses both the solutions found in practice and the relevant research results from academia.

Thoroughly reviewed and eagerly anticipated by the agile community, *User Stories Applied* offers a requirements process that saves time, eliminates rework, and leads directly to better software. The best way to build software that meets users' needs is to begin with "user stories": simple, clear, brief descriptions of functionality that will be valuable to real users. In *User Stories Applied*, Mike Cohn provides you with a front-to-back blueprint for writing these user stories and weaving them into your development lifecycle. You'll learn what makes a great user story, and what makes a bad one. You'll discover practical ways to gather user stories, even when you can't speak with your users. Then, once you've compiled your user stories, Cohn shows how to organize them, prioritize them, and use them for planning, management, and testing. User role modeling: understanding what users have in common, and where they differ. Gathering stories: user interviewing, questionnaires, observation, and workshops. Working with managers, trainers, salespeople and other "proxies". Writing user stories for acceptance testing. Using stories to prioritize, set schedules, and estimate release costs. Includes end-of-chapter practice questions and exercises. *User Stories Applied* will be invaluable to every software developer, tester, analyst, and manager working with any agile method: XP, Scrum... or even your own home-grown approach.

The book is intended to provide a much deeper understanding of agile principles, methodologies, and practices to enable project managers to develop a more agile approach and understand how to blend and tailor agile and traditional principles, methodologies, and practices to create an appropriate balance of control and agility to fit a business environment as well as the risks and complexities of any individual project. The book will also provide business managers and leaders an understanding of how to fit agile methodologies into an overall business strategy that provides the right balance of control and agility for their business.

A Practical Approach To Building Small To Medium Software Systems For Real Business Clients Based on more than 100 actual commercial projects, this book clearly explains how to run an agile software development project that delivers high-quality, high-value solutions to business clients. It concentrates on the practical, social, business, and management aspects as well as the technical issues involved. Professor Holcombe successfully connects readers with the wave of "Agile 2.0" concepts that take the techniques of agile development and place them in the service of business goals. Since it is widely believed that the use of Windows XP will become much more common in coming years, readers should be armed with cutting-edge knowledge of the latest practices in the field. Further features of the book include: Case studies provide real-world examples and describe how XP was introduced into the environment. Analysis is provided to help readers determine which elements of XP are suitable for the unique challenges and environments for different projects. Problems of a failing agile project and how they can be fixed are covered, including insight into which managerial techniques can be employed. An Instructor's Guide provides practical advice on how to motivate students, organize real group projects, and deal, in a simple and effective way, with many of the problems that arise. A sample syllabus, sample tests, and additional case study information are available on an instructor's password-protected ftp site. *Running an Agile Software Development Project* is an indispensable guide for professional software developers, engineers,

and project managers interested in learning how to use agile processes. It is also a valuable textbook for advanced undergraduate- and graduate-level students in computer engineering and software engineering courses.

This book constitutes the refereed proceedings of the 10th International Conference on Software Business, ICSOB 2019, held in Jyväskylä, Finland, in November 2019. On the occasion of its tenth anniversary the conference theme this year was "The First Decade and Beyond" and focused on the development during the past decade, addressing the future of software-intensive business as well as studies on new and emerging ideas. The 18 full papers and 10 short papers presented together with 3 invited talks, 6 emerging research papers and a tutorial were carefully reviewed and selected from 52 submissions. They are organized in the following topical sections: software ecosystems; management of software products; continual improvement and product development; impacts of digitalization; software business education; software startups and digital business.

Now in its second edition, *The Power of the Agile Business Analyst* has expanded to include new Agile methods that have emerged or gained prominence since the first edition. Buy this book to learn how to revolutionise your Agile development and increase the value and relevancy of your project outcomes. Learn 30 realistic, achievable ways that an Agile business analyst can increase project efficiency, add value and improve quality. Find out how an Agile business analyst bridges the gap between the needs of the business and the resources of the development team. Now updated with current Agile methods, to support emerging and established business analysts to adapt to new trends. 30 ways an Agile business analyst can help Drawing on her extensive experience, Jamie proposes a new role for Agile projects: The Agile business analyst. She details 30 achievable ways that such a role will increase relevance, quality and overall business value, and provide business users with crucial support. The Agile business analyst is also a boon to the development team, being a ready source of business knowledge and ensuring that project outcomes align with requirements. This book has been updated to: Incorporate behaviour-driven development into the work that the business analyst does to support interface design; Align the programme management strategies of the Scaled Agile Framework (SAFe) to encourage cross-organisational communication and participation; Include full updates throughout the Qualifications section in 'Getting the Right Agile Business Analyst for Your Team'; and Provide Agile updates, bringing the book back into line with current methods. Support your Agile business user for better project outcomes.

The ultimate study package for the new PMI-ACP exam *The PMI-ACP Project Management Institute Agile Certified Practitioner Exam Study Guide* is an all-in-one package for comprehensive exam preparation. This up-to-date guide is fully aligned with the latest version of the exam, featuring coverage of 100 percent of the exam domains. Expanded coverage of AGILE includes the basic principles, value-driven delivery, stakeholder engagement, team performance, adaptive planning, problem detection and resolution, and continuous improvement to align with the A Guide to the Project Management Body of Knowledge (PMBOK® 6th Edition) and its increased emphasis on agile, adaptive and iterative practices. In-depth discussion merges with hands-on exercises and real-world scenarios to provide a well-rounded review of essential exam concepts, while the online learning center provides an assessment test, chapter tests, a practice exam, and study aids to help you ensure complete preparation for the big day. Master 100 percent of the exam objectives, including expanded AGILE coverage Reinforce critical concepts with hands-on practice and real-world scenarios Test your knowledge with challenging chapter review questions One year of FREE access to the Sybex online test bank featuring practice tests, flashcards, a glossary, and more Project management is one of the most in-demand skills in today's job market, making more and more employers turn to AGILE methodologies to enhance delivery and results. The PMI-ACP certification shows employers that you have demonstrated mastery of essential project management skills and a practical understanding of adaptive, iterative processes; this validation puts you among the ranks of qualified project management professionals employers are desperately seeking, and the PMI-ACP Project Management Institute Agile Certified Practitioner Exam Study Guide is your one-stop resource for exam success.

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

This book contains the refereed proceedings of the 15th International Conference on Agile Software Development, XP 2014, held in Rome, Italy, in May 2014. Because of the wide application of agile approaches in industry, the need for collaboration between academics and practitioners has increased in order to develop the body of knowledge available to support managers, system engineers, and software engineers in their managerial/economic and architectural/project/technical decisions. Year after year, the XP conference has facilitated such improvements and provided evidence on the advantages of agile methodologies by examining the latest theories, practical applications, and implications of agile and lean methods. The 15 full papers, seven short papers, and four experience reports accepted for XP 2014 were selected from 59 submissions and are organized in sections on: agile development, agile challenges and contracting, lessons learned and agile maturity, how to evolve software engineering teaching, methods and metrics, and lean development.

Advances in Computers covers new developments in computer technology. Most chapters present an overview of a current subfield within computer science, with many citations, and often include new developments in the field by the authors of the individual chapters. Topics include hardware, software, theoretical underpinnings of computing, and novel applications of computers. This volume emphasizes software engineering issues in the design of new software systems. The use of the new emerging agile methods is presented as well as timeboxing and model based software engineering (MBASE) as techniques to manage large scale developments. The book series is a valuable addition to university courses that emphasize the topics under discussion in that particular volume as well as belonging on the bookshelf of industrial practitioners who need to implement many of the technologies that are described. In-depth surveys and tutorials on new computer technology Well-known authors and

researchers in the field Extensive bibliographies with most chapters Important chapters on new technologies for software development: agile methods, time boxing, MBASE

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