

## Agile Documentation In Practice

Choose your WoW Agile Documentation Agile Processes in Software Engineering and Extreme Programming The Art of Agile Development Agile Project Management Agile Project Management For Dummies Pro Agile .NET Development with SCRUM Agile User Experience Design Agile Software Development Project Management in Practice Agile Practice Guide (Hindi) Software Configuration Management Patterns Lean Software Development Usability of Complex Information Systems Agile Analytics Agile Modeling Agile Database Techniques Disciplined Agile Delivery Agile Principles, Patterns, and Practices in C# Agile Data Science 2.0 Meshing agile and documentation-driven methods in practice The Art of Agile Development Practices of an Agile Developer Skills for Managing Rapidly Changing IT Projects More Agile Testing Clean Code Agile Project Management with Kanban The Transition to Agile Manufacturing Docs Like Code Agile Processes in Software Engineering and Extreme Programming The Project Manager's Guide to Mastering Agile Mastering Professional Scrum Patterns of Agile Practice Adoption Agile Modeling The Project Manager's Guide to Mastering Agile Proceedings of the 2002 ACM Symposium on Document Engineering, November 8-9, 2002, McLean, Virginia, USA Agile and Lean Service-Oriented Development: Foundations, Theory, and Practice The Art of Agile Practice The Object Primer Agile Principles, Patterns, and Practices in C#

### Choose your WoW

"This book covers many aspects related to IT project management, such as human relationships, team management, software methodologies, and tools and techniques for project management"--Provided by publisher.

### Agile Documentation

Streamline project workflow with expert agile implementation The Project Management Profession is beginning to go through rapid and profound transformation due to the widespread adoption of agile methodologies. Those changes are likely to dramatically change the role of project managers in many environments as we have known them and raise the bar for the entire project management profession; however, we are in the early stages of that transformation and there is a lot of confusion about the impact it has on project managers: There are many stereotypes and misconceptions that exist about both Agile and traditional plan-driven project management, Agile and traditional project management principles and practices are treated as separate and independent domains of knowledge with little or no integration between the two and sometimes seen as in conflict with each other Agile and "Waterfall" are thought of as two binary, mutually-exclusive choices and companies sometimes try to force-fit their business and projects to one of those extremes when the right solution is to fit the approach to the project It's no wonder that many Project Managers might be confused by all of this! This book will help project managers unravel a lot of the confusion that exists; develop a totally new perspective to see Agile and traditional plan-driven project management principles and practices in a new light as complementary to each other rather than competitive; and learn to develop an adaptive approach to blend those principles and practices together in the right

proportions to fit any situation. There are many books on Agile and many books on traditional project management but what's very unique about this book is that it takes an objective approach to help you understand the strengths and weaknesses of both of those areas to see how they can work synergistically to improve project outcomes in any project. The book includes discussion topics, real world case studies, and sample enterprise-level agile frameworks that facilitate hands-on learning as well as an in-depth discussion of the principles behind both Agile and traditional plan-driven project management practices to provide a more thorough level of understanding.

### **Agile Processes in Software Engineering and Extreme Programming**

The first book to cover Agile Modeling, a new modeling technique created specifically for XP projects eXtreme Programming (XP) has created a buzz in the software development community-much like Design Patterns did several years ago. Although XP presents a methodology for faster software development, many developers find that XP does not allow for modeling time, which is critical to ensure that a project meets its proposed requirements. They have also found that standard modeling techniques that use the Unified Modeling Language (UML) often do not work with this methodology. In this innovative book, Software Development columnist Scott Ambler presents Agile Modeling (AM)-a technique that he created for modeling XP projects using pieces of the UML and Rational's Unified Process (RUP). Ambler clearly explains AM, and shows readers how to incorporate AM, UML, and RUP into their development projects with the help of numerous case studies integrated throughout the book. AM was created by the author for modeling XP projects-an element lacking in the original XP design. The XP community and its creator have embraced AM, which should give this book strong market acceptance. Companion Web site at [www.agilemodeling.com](http://www.agilemodeling.com) features updates, links to XP and AM resources, and ongoing case studies about agile modeling.

### **The Art of Agile Development**

Why do enterprise systems have complicated search pages, when Google has a single search box that works better? Why struggle with an expense reimbursement system that is not as easy as home accounting software? Although this seems like comparing apples to oranges, as information and communication technologies increasingly reach into every industry the demand for easy-to-use work tools continues to grow. An exploration of cutting-edge approaches for evaluating the usability of complex user interaction, Usability of Complex Information Systems: Evaluation of User Interaction focuses on improving design and communicating content to the end user. The book continues the conversation about the evolution of usability, asking how we can design and evaluate these complex systems and the complex work they support. It describes and analyzes approaches to teaching, testing, analyzing, or managing usability studies—approaches that involve technical communicators making novel contributions to how we think about and evaluate increasingly complex systems. The book contains case studies on different types of complexity, including: A complex work environment, requiring collaboration among different people or a goal sustained over time, and often in

the face of distractions, interruptions, and planned pauses A complex information context, one with no single answer, where the data changes dynamically or where the best answer may rely on other aspects of a fluid environment A complex technology, in which people use many different applications in their work and collaboration A complex topic, requiring advanced technical or domain knowledge Even systems that seem simple are, in fact, complex. The shopping interface for an e-commerce system may not be complex, but the databases, business processes, and logistics behind it certainly are. The examination of different aspects of designing and examining complexity presented in this book brings you a step further in developing a deeper understanding of what it takes to make complex systems work.

### **Agile Project Management**

The authoritative guide to DAD, IBM's disciplined approach to applying agile practices in enterprise scale projects. Integrate enterprise discipline with powerful, widely-used agile practices into a proven solution for the entire software lifecycle. Scale agile strategies for complex development challenges, without compromising agile's advantages.

### **Agile Project Management For Dummies**

Being able to fit design into the Agile software development processes is an important skill in today's market. There are many ways for a UX team to succeed (and fail) at being Agile. This book provides you with the tools you need to determine what Agile UX means for you. It includes practical examples and case studies, as well as real-life factors to consider while navigating the Agile UX waters. You'll learn about what contributes to your team's success, and which factors to consider when determining the best path for getting there. After reading this book, you'll have the knowledge to improve your software and product development with Agile processes quickly and easily. Includes hands on, real-world examples to illustrate the successes and common pitfalls of Agile UX Introduces practical techniques that can be used on your next project Details how to incorporate user experience design into your company's agile software/product process

### **Pro Agile .NET Development with SCRUM**

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### **Agile User Experience Design**

This open access book constitutes the proceedings of the 20th International Conference on Agile Software Development, XP 2019, held in Montreal, QC, Canada, in May 2019. XP is the premier agile software development conference combining research and practice. It is a hybrid forum where agile researchers, academics, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. Following this history, for both researchers and seasoned practitioners XP 2019 provided an informal environment to network, share, and discover trends in Agile for the next 20 years. The 15 full papers presented in this volume were carefully reviewed and selected from 45 submissions. They were organized in topical sections named: agile adoption, agile practices; large-scale agile; agility beyond IT, and the future of agile.

### **Agile Software Development**

Software documentation forms the basis for all communication relating to a software project. To be truly effective and usable, it should be based on what needs to be known. Agile Documentation provides sound advice on how to produce lean and lightweight software documentation. It will be welcomed by all project team members who want to cut out the fat from this time-consuming task. Guidance given in pattern form, easily digested and cross-referenced, provides solutions to common problems. Straightforward advice will help you to judge: What details should be left in and what left out. When communication face-to-face would be better than paper or online. How to adapt the documentation process to the requirements of individual projects and build in change. How to organise documents and make them easily accessible. When to use diagrams rather than text. How to choose the right tools and techniques. How documentation impacts the customer. Better than offering pat answers or prescriptions, this book will help you to understand the elements and processes that can be found repeatedly in good project documentation and which can be shaped and designed to address your individual circumstance. The author uses real-world examples and utilises agile principles to provide an accessible, practical pattern-based guide which shows how to produce necessary and high quality documentation.

### **Project Management in Practice**

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](http://www.sdmagazine.com)), and a featured speaker at software conferences worldwide.

### **Agile Practice Guide (Hindi)**

As more and more people move towards adoption of Agile practices, they are looking for guidance and advice on how to adopt Agile successfully. Unfortunately many of the questions they have such as: "Where do I start?," "What specific practices should I adopt?," "How can I adopt incrementally?" and "Where can I expect pitfalls?" are not adequately addressed. This book answers these questions by guiding the reader on crafting their own adoption strategy focused on their business values and environment. This strategy is then directly tied to patterns of agile practice adoption that describe how many teams have successfully (and unsuccessfully) adopted them. Business values are also a component of these patterns - so your adoption is always focused on addressing your particular environment.

### **Software Configuration Management Patterns**

Use Kanban to maximize efficiency, predictability, quality, and value. With Kanban, every minute you spend on a software project can add value for customers. One book can help you achieve this goal: Agile Project Management with Kanban. Author Eric Brechner pioneered Kanban within the Xbox engineering team at Microsoft. Now he shows you exactly how to make it work for your team. Think of this book as "Kanban in a box": open it, read the quickstart guide, and you're up and running fast. As you gain experience, Brechner reveals powerful techniques for right-sizing teams, estimating, meeting deadlines, deploying components and services, adapting or evolving from Scrum or traditional Waterfall, and more. For every step of your journey, you'll find pragmatic advice, useful checklists, and actionable lessons. This truly is "Kanban in a box": all you need to deliver breakthrough value and quality. Use Kanban techniques to: Start delivering continuous value with your current team and project Master five quick steps for completing work backlogs Plan and staff new projects more effectively Minimize work in progress and quickly adjust to change Eliminate artificial meetings and prolonged stabilization Improve and enhance customer engagement Visualize workflow and fix revealed bottlenecks Drive quality upstream Integrate Kanban into large projects Optimize sustained engineering (contributed by James Waletzky) Expand Kanban beyond software development

### **Lean Software Development**

The Art of Agile Practice: A Composite Approach for Projects and Organizations presents a consistent, integrated, and strategic approach to achieving "Agility" in

your business. Transcending beyond Agile as a software development method, it covers the gamut of methods in an organization-including business processes, governance standards, project ma

### **Usability of Complex Information Systems**

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

### **Agile Analytics**

Challenges in unpredictable markets, changing customer requirements, and advancing information technologies have lead to progression towards service oriented engineering and agile and lean software development. These prevailing approaches to software systems provide solutions to challenges in demanding business environments. Agile and Lean Service-Oriented Development: Foundations, Theory and Practice explores the groundwork of service-oriented and agile and lean development and the conceptual basis and experimental evidences for the combination of the two approaches. Highlighting the best tools and guidelines for these developments in practice, this book is essential for researchers and practitioners in the software development and service computing fields.

### **Agile Modeling**

In *The Transition to Agile Manufacturing*, experts from Battelle Pacific Northwest National Laboratories describe how manufacturing companies can quickly mobilize their resources to gain a competitive edge. Discover how agile manufacturing can rapidly develop new products and produce fast and flexible responses to customer needs. Practical tips on organizational alignment and agility are offered in down-to-earth terms. Beneficial for all organizations, this low-cost approach to agile manufacturing is especially helpful for small to mid-sized manufacturers with limited resources. Packed with more than 40 figures and tables, this book provides practical tips on how to get started and how to avoid potential pitfalls. *The Transition to Agile Manufacturing* applies proven techniques and practices to help you increase flexibility, reduce cycle times, and introduce new products more quickly as you speed past the competition.

### **Agile Database Techniques**

This updated edition shows you how to use the agile project management framework for success! Learn how to apply agile concepts to your projects. This fully updated book covers changes to agile approaches and new information related to the methods of managing an agile project. *Agile Project Management For Dummies, 3rd Edition* gives product developers and other project leaders the tools they need for a successful project. This book's principles and techniques will guide you in creating a product roadmap, self-correcting iterations of deployable products, and preparing for a product launch. Agile approaches are critical for achieving fast and flexible product development. It's also a useful tool for managing a range of business projects. Written by one of the original agile technique thought-leaders, this book guides you and your teams in discovering why agile techniques work and how to create an effective agile environment. Users will gain the knowledge to improve various areas of project management. Define your product's vision and features Learn the steps for putting agile techniques into action Manage the project's scope and procurement Plan your team's sprints and releases Simplify reporting related to the project *Agile Project Management For Dummies* can help you to better manage the scope of your project as well as its time demands and costs. You'll also be prepared to skillfully handle team dynamics, quality challenges, and risks.

### **Disciplined Agile Delivery**

With the award-winning book *Agile Software Development: Principles, Patterns, and Practices*, Robert C. Martin helped bring Agile principles to tens of thousands of Java and C++ programmers. Now .NET programmers have a definitive guide to agile methods with this completely updated volume from Robert C. Martin and Micah Martin, *Agile Principles, Patterns, and Practices in C#*. This book presents a series of case studies illustrating the fundamentals of Agile development and Agile design, and moves quickly from UML models to real C# code. The introductory chapters lay out the basics of the agile movement, while the later chapters show proven techniques in action. The book includes many source code examples that are also available for download from the authors' Web site. Readers will come away from this book understanding Agile principles, and the fourteen practices of Extreme Programming Spiking, splitting, velocity, and planning iterations and releases Test-driven development, test-first design, and acceptance testing

Refactoring with unit testing Pair programming Agile design and design smells The five types of UML diagrams and how to use them effectively Object-oriented package design and design patterns How to put all of it together for a real-world project Whether you are a C# programmer or a Visual Basic or Java programmer learning C#, a software development manager, or a business analyst, *Agile Principles, Patterns, and Practices in C#* is the first book you should read to understand agile software and how it applies to programming in the .NET Framework.

### **Agile Principles, Patterns, and Practices in C#**

Looking for a way to invigorate your technical writing team and grow that expertise to include developers, designers, and writers of all backgrounds? When you treat docs like code, you multiply everyone's efforts and streamline processes through collaboration, automation, and innovation. Second edition now available with updates and more information about version control for documents and continuous publishing.

### **Agile Data Science 2.0**

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.

### **Meshing agile and documentation-driven methods in practice**

Presents a series of case studies illustrating the fundamentals of Agile development and Agile design, and how it applies to programming in the .NET Framework. This book includes chapters that lay out the basics of the agile movement and show proven techniques. It also includes many source code examples.

### **The Art of Agile Development**

Janet Gregory and Lisa Crispin pioneered the agile testing discipline with their previous work, *Agile Testing*. Now, in *More Agile Testing*, they reflect on all they've learned since. They address crucial emerging issues, share evolved agile practices, and cover key issues agile testers have asked to learn more about. Packed with

new examples from real teams, this insightful guide offers detailed information about adapting agile testing for your environment; learning from experience and continually improving your test processes; scaling agile testing across teams; and overcoming the pitfalls of automated testing. You'll find brand-new coverage of agile testing for the enterprise, distributed teams, mobile/embedded systems, regulated environments, data warehouse/BI systems, and DevOps practices. You'll come away understanding

- How to clarify testing activities within the team
- Ways to collaborate with business experts to identify valuable features and deliver the right capabilities
- How to design automated tests for superior reliability and easier maintenance
- How agile team members can improve and expand their testing skills
- How to plan "just enough," balancing small increments with larger feature sets and the entire system
- How to use testing to identify and mitigate risks associated with your current agile processes and to prevent defects
- How to address challenges within your product or organizational context
- How to perform exploratory testing using "personas" and "tours"
- Exploratory testing approaches that engage the whole team, using test charters with session- and thread-based techniques
- How to bring new agile testers up to speed quickly-without overwhelming them

The eBook edition of *More Agile Testing* also is available as part of a two-eBook collection, *The Agile Testing Collection* (9780134190624).

### **Practices of an Agile Developer**

"Our job as Scrum professionals is to continually improve our ability to use Scrum to deliver products and services that help customers achieve valuable outcomes. This book will help you to improve your ability to apply Scrum." -From the Foreword by Ken Schwaber, co-author of *Scrum Mastering Professional Scrum* is for anyone who wants to deliver increased value by using Scrum more effectively. Leading Scrum practitioners Stephanie Ockerman and Simon Reindl draw on years of Scrum training and coaching to help you return to first principles and apply Scrum with the professionalism required to achieve its transformative potential. The authors aim to help you focus on proven Scrum approaches for improving quality, getting and using fast feedback, and becoming more adaptable, instead of "going through the motions" and settling for only modest improvements. Whether you're a Scrum Master, Development Team member, or Product Owner, you'll find practical advice for facing challenges with transparency and courage, overcoming a wide array of common challenges, and continually improving your Scrum practice. Realistically assess your current Scrum practice, and identify areas for improvement Recognize what a great Scrum Team looks like and get there Focus on "Done"-not "sort-of-Done" or "almost-Done" Measure and optimize the value delivered by every Product Increment Improve the way you plan, develop, and grow Clear away wider organizational impediments to agility and professionalism Overcome common misconceptions that stand in the way of progress Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

### **Skills for Managing Rapidly Changing IT Projects**

### **More Agile Testing**

Using Agile methods, you can bring far greater innovation, value, and quality to any data warehousing (DW), business intelligence (BI), or analytics project. However, conventional Agile methods must be carefully adapted to address the unique characteristics of DW/BI projects. In *Agile Analytics*, Agile pioneer Ken Collier shows how to do just that. Collier introduces platform-agnostic Agile solutions for integrating infrastructures consisting of diverse operational, legacy, and specialty systems that mix commercial and custom code. Using working examples, he shows how to manage analytics development teams with widely diverse skill sets and how to support enormous and fast-growing data volumes. Collier's techniques offer optimal value whether your projects involve "back-end" data management, "front-end" business analysis, or both. Part I focuses on Agile project management techniques and delivery team coordination, introducing core practices that shape the way your Agile DW/BI project community can collaborate toward success. Part II presents technical methods for enabling continuous delivery of business value at production-quality levels, including evolving superior designs; test-driven DW development; version control; and project automation. Collier brings together proven solutions you can apply right now--whether you're an IT decision-maker, data warehouse professional, database administrator, business intelligence specialist, or database developer. With his help, you can mitigate project risk, improve business alignment, achieve better results--and have fun along the way.

### **Clean Code**

Lean Software Development: An Agile Toolkit  
Adapting agile practices to your development organization  
Uncovering and eradicating waste throughout the software development lifecycle  
Practical techniques for every development manager, project manager, and technical leader  
Lean software development: applying agile principles to your organization  
In *Lean Software Development*, Mary and Tom Poppendieck identify seven fundamental "lean" principles, adapt them for the world of software development, and show how they can serve as the foundation for agile development approaches that work. Along the way, they introduce 22 "thinking tools" that can help you customize the right agile practices for any environment. Better, cheaper, faster software development. You can have all three--if you adopt the same lean principles that have already revolutionized manufacturing, logistics and product development. Iterating towards excellence: software development as an exercise in discovery  
Managing uncertainty: "decide as late as possible" by building change into the system.  
Compressing the value stream: rapid development, feedback, and improvement  
Empowering teams and individuals without compromising coordination  
Software with integrity: promoting coherence, usability, fitness, maintainability, and adaptability  
How to "see the whole"--even when your developers are scattered across multiple locations and contractors  
Simply put, *Lean Software Development* helps you refocus development on value, flow, and people--so you can achieve breakthrough quality, savings, speed, and business alignment.

### **Agile Project Management with Kanban**

Agile software development has become an umbrella term for a number of changes in how software developers plan and coordinate their work, how they communicate with customers and external stakeholders, and how software

development is organized in small, medium, and large companies, from the telecom and healthcare sectors to games and interactive media. Still, after a decade of research, agile software development is the source of continued debate due to its multifaceted nature and insufficient synthesis of research results. Dingsøyr, Dybå, and Moe now present a comprehensive snapshot of the knowledge gained over many years of research by those working closely with or in the industry. It shows the current state of research on agile software development through an introduction and ten invited contributions on the main research fields, each written by renowned experts. These chapters cover three main issues: foundations and background of agile development, agile methods in practice, and principal challenges and new frontiers. They show the important results in each subfield, and in addition they explain what these results mean to practitioners as well as for future research in the field. The book is aimed at reflective practitioners and researchers alike, and it also can serve as the basis for graduate courses at universities.

## **The Transition to Agile Manufacturing**

### **Docs Like Code**

Streamline project workflow with expert agile implementation The Project Management Profession is beginning to go through rapid and profound transformation due to the widespread adoption of agile methodologies. Those changes are likely to dramatically change the role of project managers in many environments as we have known them and raise the bar for the entire project management profession; however, we are in the early stages of that transformation and there is a lot of confusion about the impact it has on project managers: There are many stereotypes and misconceptions that exist about both Agile and traditional plan-driven project management, Agile and traditional project management principles and practices are treated as separate and independent domains of knowledge with little or no integration between the two and sometimes seen as in conflict with each other Agile and "Waterfall" are thought of as two binary, mutually-exclusive choices and companies sometimes try to force-fit their business and projects to one of those extremes when the right solution is to fit the approach to the project It's no wonder that many Project Managers might be confused by all of this! This book will help project managers unravel a lot of the confusion that exists; develop a totally new perspective to see Agile and traditional plan-driven project management principles and practices in a new light as complementary to each other rather than competitive; and learn to develop an adaptive approach to blend those principles and practices together in the right proportions to fit any situation. There are many books on Agile and many books on traditional project management but what's very unique about this book is that it takes an objective approach to help you understand the strengths and weaknesses of both of those areas to see how they can work synergistically to improve project outcomes in any project. The book includes discussion topics, real world case studies, and sample enterprise-level agile frameworks that facilitate hands-on learning as well as an in-depth discussion of the principles behind both Agile and traditional plan-driven project management practices to provide a more thorough level of understanding.

## **Agile Processes in Software Engineering and Extreme Programming**

Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

## **The Project Manager's Guide to Mastering Agile**

For those considering Extreme Programming, this book provides no-nonsense advice on agile planning, development, delivery, and management taken from the authors' many years of experience. While plenty of books address the what and why of agile development, very few offer the information users can apply directly.

## **Mastering Professional Scrum**

Data science teams looking to turn research into useful analytics applications require not only the right tools, but also the right approach if they're to succeed. With the revised second edition of this hands-on guide, up-and-coming data scientists will learn how to use the Agile Data Science development methodology to build data applications with Python, Apache Spark, Kafka, and other tools. Author Russell Journey demonstrates how to compose a data platform for building, deploying, and refining analytics applications with Apache Kafka, MongoDB, Elasticsearch, d3.js, scikit-learn, and Apache Airflow. You'll learn an iterative approach that lets you quickly change the kind of analysis you're doing, depending on what the data is telling you. Publish data science work as a web application, and affect meaningful change in your organization. Build value from your data in a series of agile sprints, using the data-value pyramid Extract features for statistical models from a single dataset Visualize data with charts, and expose different aspects through interactive reports Use historical data to predict the future via classification and regression Translate predictions into actions Get feedback from users after each sprint to keep your project on track

## **Patterns of Agile Practice Adoption**

### **Agile Modeling**

These are the proven, effective agile practices that will make you a better developer. You'll learn pragmatic ways of approaching the development process and your personal coding techniques. You'll learn about your own attitudes, issues with working on a team, and how to best manage your learning, all in an iterative, incremental, agile style. You'll see how to apply each practice, and what benefits you can expect. Bottom line: This book will make you a better developer.

## **The Project Manager's Guide to Mastering Agile**

Looks at the principles and clean code, includes case studies showcasing the practices of writing clean code, and contains a list of heuristics and "smells" accumulated from the process of writing clean code.

## **Proceedings of the 2002 ACM Symposium on Document Engineering, November 8-9, 2002, McLean, Virginia, USA**

Project Management in Practice, 7th Edition presents an applied approach to the essential tools, strategies, and techniques students must understand to achieve success in their future careers. Emphasizing the technical aspects of the project management life cycle, this popular textbook offers streamlined, student-friendly coverage of project activity, risk planning, budgeting and scheduling, resource allocation, project monitoring, evaluating and closing the project, and more. Providing new and updated content throughout, the seventh edition's concise pedagogy and hands-on focus is ideally suited for use in one-semester courses or modules on project management. Clear and precise chapters describe fundamental project management concepts while addressing the skills real-world project managers must possess to meet the strategic goals of their organizations. Integrated throughout the text are comprehensive cases that build upon the material from previous chapters—complemented by wealth of illustrative examples, tables and figures, review questions, and discussion topics designed to reinforce key information.

## **Agile and Lean Service-Oriented Development: Foundations, Theory, and Practice**

Hundreds of organizations around the world have already benefited from Disciplined Agile Delivery (DAD). Disciplined Agile (DA) is the only comprehensive tool kit available for guidance on building high-performance agile teams and optimizing your way of working (WoW). As a hybrid of all the leading agile and lean approaches, it provides hundreds of strategies to help you make better decisions within your agile teams, balancing self-organization with the realities and constraints of your unique enterprise context. The highlights of this handbook include:

- As the official source of knowledge on DAD, it includes greatly improved and enhanced strategies with a revised set of goal diagrams based upon learnings from applying DAD in the field.
- It is an essential handbook to help coaches and teams make better decisions in their daily work, providing a wealth of ideas for experimenting with agile and lean techniques while providing specific guidance and trade-offs for those "it depends" questions.
- It makes a perfect study guide for Disciplined Agile certification. Why "fail fast" (as our industry likes to recommend) when you can learn quickly on your journey to high performance? With this handbook, you can make better decisions based upon proven, context-based strategies, leading to earlier success and better outcomes.

## **The Art of Agile Practice**

The acclaimed beginner's book on object technology now presents UML 2.0, Agile

Modeling, and the latest in object development techniques.

### **The Object Primer**

The Art of Agile Development contains practical guidance for anyone considering or applying agile development for building valuable software. Plenty of books describe what agile development is or why it helps software projects succeed, but very few combine information for developers, managers, testers, and customers into a single package that they can apply directly. This book provides no-nonsense advice on agile planning, development, delivery, and management taken from the authors' many years of experience with Extreme Programming (XP). You get a gestalt view of the agile development process, including comprehensive guidance for non-technical readers and hands-on technical practices for developers and testers. The Art of Agile Development gives you clear answers to questions such as: How can we adopt agile development? Do we really need to pair program? What metrics should we report? What if I can't get my customer to participate? How much documentation should we write? When do we design and architect? As a non-developer, how should I work with my agile team? Where is my product roadmap? How does QA fit in? The book teaches you how to adopt XP practices, describes each practice in detail, then discusses principles that will allow you to modify XP and create your own agile method. In particular, this book tackles the difficult aspects of agile development: the need for cooperation and trust among team members. Whether you're currently part of an agile team, working with an agile team, or interested in agile development, this book provides the practical tips you need to start practicing agile development. As your experience grows, the book will grow with you, providing exercises and information that will teach you first to understand the rules of agile development, break them, and ultimately abandon rules altogether as you master the art of agile development. "Jim Shore and Shane Warden expertly explain the practices and benefits of Extreme Programming. They offer advice from their real-world experiences in leading teams. They answer questions about the practices and show contraindications - ways that a practice may be mis-applied. They offer alternatives you can try if there are impediments to applying a practice, such as the lack of an on-site customer. --Ken Pugh, Author of Jolt Award Winner, Prefactoring "I will leave a copy of this book with every team I visit." --Brian Marick, Exemplar Consulting

### **Agile Principles, Patterns, and Practices in C#**

Pro Agile .NET Development with SCRUM guides you through a real-world ASP.NET project and shows how agile methodology is put into practice. There is plenty of literature on the theory behind agile methodologies, but no book on the market takes the concepts of agile practices and applies these in a practical manner to an end-to-end ASP.NET project, especially the estimating, requirements and management aspects of a project. Pro Agile .NET Development with SCRUM takes you through the initial stages of a project—gathering requirements and setting up an environment—through to the development and deployment stages using an agile iterative approach: namely, Scrum. In the book, you'll focus on delivering an enterprise-level ASP.NET project. Each chapter is in iterations or sprints, putting into practice the features of agile—user stories, test-driven development (TDD), behavior-driven development (BDD), continuous integration, user acceptance

testing, extreme programming, Scrum, design patterns and principles, inside-out development, lean development, KanBan boards, and more. An appendix features code katas designed for the reader to get up-to-speed with some of the features of extreme programming, while also showcasing popular open-source frameworks to assist in automated testing and mocking. In addition, popular open-source architectural foundation projects such as S#arp and NCommons are demonstrated to allow you to base future projects on these frameworks, which already have many best-practice design patterns and principles built in.

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