

An Introduction To Agile Methods

This is the definitive guide for managers and students to agile and iterativedevelopment methods: what they are, how they work, how to implement them, andwhy they should.

Hundreds of organizations around the world have already benefited from DisciplinedAgile 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 with the 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 the 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

leading to earlier success and better outcomes.

??? If you want to understand the benefits of Agile Project Management and scrum methodology, then keep Reading ??? The introduction of Agile Project Management system has brought a lot of insight into the project management and team development for small, medium, and large scale organizations in the last few years. This flexible, responsive, and powerful process has also caused a mass project management, helping project managers and their development team to deliver incredibly saleable products. As a project manager, you know that these project management methods will deliver tremendous organizational benefits, but do you know enough about Agile and scrum methodologies to reap the rewards? When it comes to software development, “Agile Project Management and Scrum” is the most comprehensive and practical guide to agile project management. It shows the basic and simple principles, Control tools, techniques Methodology and processes of Agile Project management to ensure that your project is successful. It reflects the progress and refinement of agile and scrum methods from its initiation to the present state. It offers a practical context for understanding and applying these techniques to your own practical experience. The need for project participants to respond to changes and situations that arise during the project management process is one of the key functional approaches of the Agile process. Scrum represents one of those Agile methodologies that provide such leverage for project handlers and participants to these demanding business requirements Software development methods have become more demanding. With the fast pace of business change in the 21st century many projects need to be sure they will deliver something that meets client needs at the end of the project and not expend wasted effort refining requirements that will be out of date by the time the end-product is delivered. Even in business environments that do not change rapidly it is difficult to deliver requirements without seeing a tangible product first so there is still the risk of delivering something that doesn’t quite meet the client’s needs. That is why agile is becoming increasingly necessary for many different types of projects. Agile development focuses majorly on adding value to customers. Scrum is developed to mimic a cooperative rugby strategy which promotes synergy and collaboration when working at distance. Scrum is technically not a project management framework but a methodology which allows software developers to “inspect and adapt”. Open and study this book and find out: The Origins of Agile: How a Group of 17 Software Professionals at a 2001 Conference in Chicago Gave Birth to the World’s Most Iconic System of Project Management The Scrum methodology a project management system. Why Agile Project Management Techniques works better than the Historical Traditional Project Management Model. Benefits of using the Scrum framework over other Agile process. The multiples and various uses of Agile Project Management and scrum methods The basic steps for putting Agile into Action. Not just productivity and product quality but also maintaining a consistent quality of work solving techniques and strategies in Agile Project Management and scrum. How, where and why of successful implementation. Scrum Flow and Agile Process Even if you don’t know a thing about the Agile project management method, you can learn by just reading this book and applying th

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.

User-centered Agile Methods
The Good, the Hype and the Ugly

An Introduction to Scrum
Making it Work in the Enterprise

20th International Conference, XP 2019, Montréal, QC, Canada, May 21–25, 2019, Proceedings

Scrum

Diving Into the Deep

“Companies have been implementing large agile projects for a number of years, but the ‘stigma’ of ‘agile only works for small projects’ continues to be a frequent barrier for newcomers and a rallying cry for agile critics. What has been missing from the agile literature is a solid, practical book on the specifics of developing large projects in an agile way. Dean Leffingwell’s book Scaling Software Agility fills this gap admirably. It offers a practical guide to large project issues such as architecture, requirements development, multi-level release planning, and team organization. Leffingwell’s book is a necessary guide for large projects and large organizations making the transition to agile development.” –Jim Highsmith, director, Agile Practice, Cutter Consortium, author of Agile Project Management
“There’s tension between building software fast and delivering software that lasts, between being ultra-responsive to changes in the market and maintaining a degree of stability. In his latest work, Scaling Software Agility, Dean Leffingwell shows how to achieve a pragmatic balance among these forces. Leffingwell’s observations of the problem, his advice on the solution, and his description of the resulting best practices come from experience: he’s been there, done that, and has seen what’s worked.” –Grady Booch, IBM Fellow Agile development practices, while still controversial in some circles, offer undeniable benefits: faster time to market, better responsiveness to changing customer requirements, and higher quality. However, agile practices have been defined and recommended primarily to small teams. In Scaling Software Agility, Dean Leffingwell describes how agile methods can be applied to enterprise-class development. Part I provides an overview of the most common and effective agile methods. Part II describes seven best practices of agility that natively scale to the enterprise level. Part III describes an additional set of seven organizational capabilities that companies can master to achieve the full benefits of software agility on an enterprise scale. This book is invaluable to software developers, testers and QA personnel, managers and team leads, as well as to executives of software organizations whose objective is to increase the quality and productivity of the software development process but who are faced with all the challenges of developing software on an enterprise scale. This lecture discusses the key elements of Agile for the UX community and describes strategies UX people can use to contribute effectively in an Agile team, overcome key weaknesses in Agile methods as typically implemented, and produce a more robust process and more successful designs. With the introduction and popularization of Agile methods of software development, existing relationships and working agreements between user experience groups and developers are being disrupted. Agile methods introduce new concepts: the Product Owner, the Customer (but not the user), short iterations, User Stories. Where do UX professionals fit in this new world? Agile methods also bring a new mindset-no big design, no specifications, minimal planning-which conflict with the needs of UX design. We present a process combining the best practices of Contextual Design, a leading approach to user-centered design, with those of Agile development and suggest project structures for large and small projects.

This book is a guide for managers, Scrum Masters and agile coaches who are interested in agile organizational methods and who are planning to introduce Scrum at their own company. Scrum is not only a product development framework but can also be used to structure activities for agile and lean organizational development. Divided into six major parts, the book first introduces and defines the Scrum Culture briefly. It explains its relevance, highlights a number of pain points typical for first encounters with Scrum, and embeds it in an introduction to organizational change. This is complemented with many real-life examples that help to apply the concepts to readers’ own specific contexts. The second part describes the principles of introducing Scrum in detail, while the third part embarks on the practical application of these principles, drawing on a wealth of experience gathered in many successful introduction projects. Part four focuses on a detailed case study of a Scrum transformation before part five provides the scientific background information and study details that led to the findings in part one. In closing, part six offers a number of appendices with extensive information on Scrum and its principles. The second edition of this book has been updated throughout and fundamentally re-organized for better readability. 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. Dingsøy, 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.

Advances in Software Engineering

The Art of Agile Development

An Introduction to SCRUM and an Agile Approach to Business Strategy, Project Management, and Leadership

Agile Software Development

Understanding and Applying the Software

Agile and Iterative Development

Agile Software Development Ecosystems

Introduction to Disciplined Agile Delivery 2nd Edition provides a quick overview of how agile software development works from beginning-to-end. It describes Disciplined Agile Delivery (DAD), the first of four levels of the Disciplined Agile (DA) process decision framework, and works through a case study describing a typical agile team’s experiences adopting a DA approach. The book describes how the team develops the first release of a mission-critical application while working in a legacy enterprise environment. It describes their experiences from beginning-to-end, starting with their initial team initiation efforts through construction and finally to deploying the solution into production. It also describes how the team stays together for future releases, overviewing their process improvement efforts from their Scrum-based beginnings through to a lean continuous delivery approach that fits in with their organization’s evolving DevOps strategy. The DAD framework is a hybrid of existing methods such as Scrum, Kanban, Agile Modeling, SAFe, Extreme Programming, Agile Data, Unified Process and many others. DAD provides the flexibility to use various approaches and plugs the gaps not addressed by mainstream agile methods. In a nutshell, DAD is “pragmatic agile.” DAD describes proven strategies to adapt and scale your agile initiatives to suit the unique realities of your enterprise without having to figure it all out by yourself. Here’s an overview of what each chapter covers: Chapter 1: Introduction. This chapter provides a quick overview of the book and a brief history of Disciplined Agile. Chapter 2: Reality over Rhetoric. This chapter explores several common myths about DAD and more importantly disproves them. Chapter 3: Disciplined Agile Delivery in a Nutshell. This chapter provides a brief yet comprehensive overview of DAD. Chapter 4: Introduction to the Case Study. This chapter introduces us to the team, describes the market opportunity that they hope to address, and describes the environment in which they’re working. Chapter 5: Inception. The team’s initiation effort includes initial requirements modeling and planning with their stakeholders in a streamlined manner, initial architecture modeling, setting up their physical work environment, setting up the start of their tooling infrastructure, initial risk identification, and finally securing stakeholder support and funding for the rest of the first release. Chapters 6 through 10: Construction. These chapters each describe a single Construction iteration, sharing the team’s experiences during each of those two-week timeboxes. Chapter 11: Transition. The two-week transition phase focuses on final testing and fixing, training the support/help-desk staff, finishing a few short end-user “how to” videos, and deploying the solution into production. Chapter 12: The Road to Disciplined DevOps. This chapter overviews the team’s improvement efforts over the next few releases, describing how they evolve from the agile Scrum-based lifecycle to a leaner approach and eventually to continuous delivery. All of this dovetails into their organization’s efforts to implement a Disciplined DevOps strategy. Chapter 13: Closing Thoughts. This chapter overviews the disciplined agile resources that are available to you. Appendix: The Disciplined Agile Framework. This short appendix overviews our ongoing work on the Disciplined Agile framework to address the full scope of an agile business. At 111 pages, you should find this book to be a quick, informative read. What’s Different in This Edition: Chapter 3 was completely rewritten to reflect the changes to DAD. Chapter 12 was rewritten to describe how the team evolved into a Disciplined DevOps strategy. Appendix A was rewritten to reflect the latest release of the DA framework. General updates were made throughout the book.

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

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.

“Agile Software Development is a highly stimulating and rich book. The author has a deep background and gives us a tour de force of the emerging agile methods.” —Tom Gilb The agile model of software development has taken the world by storm. Now, in Agile Software Development, Second Edition, one of agile’s leading pioneers updates his Jolt Productivity award-winning book to reflect all that’s been learned about agile development since its original introduction. Alistair Cockburn begins by updating his powerful model of software development as a “cooperative game of invention and communication.” Among the new ideas he introduces: harnessing competition without damaging collaboration; learning lessons from lean manufacturing; and balancing strategies for communication. Cockburn also explains how the cooperative game is played in business and on engineering projects, not just software development Next, he systematically illuminates the agile model, shows how it has evolved, and answers the questions developers and project managers ask most often, including · Where does agile development fit in our organization? · How do we blend agile ideas with other ideas? · How do we extend agile ideas more broadly? Cockburn takes on crucial misconceptions that cause agile projects to fail. For example, you’ll learn why encoding project management strategies into fixed processes can lead to ineffective strategy decisions and costly mistakes. You’ll also find a thoughtful discussion of the controversial relationship between agile methods and user experience design. Cockburn turns to the practical challenges of constructing agile methodologies for your own teams. You’ll learn how to tune and continuously reinvent your methodologies, and how to manage incomplete communication. This edition contains important new contributions on these and other topics: · Agile and CMMI · Introducing agile from the top down · Revisiting “custom contracts” · Creating change with “stickers” In addition, Cockburn updates his discussion of the Crystal methodologies, which utilize his “cooperative game” as their central metaphor. If you’re new to agile development, this book will help you succeed the first time out. If you’ve used agile methods before, Cockburn’s techniques will make you even more effective.

Working in the Real World

Scaling Software Agility

Agile User Experience Design

Lean

Agile Processes in Software Engineering and Extreme Programming

A Human-powered Methodology for Small Teams

The Scrum Culture

A Thorough Introduction to the Agile Framework and Methodologies That Are Used Worldwide Organizations of all shapes and sizes are embracing Agile methodologies as a way to transform their products, customer satisfaction, and employee engagement. Many people with varying levels of work experience are interested in understanding the architecture and nuances of Agile, but it is difficult to know where to start. Numerous practitioner books are available, but there has never been a single source for unbiased information about Agile methodologies—until now. Introduction to Agile Methods is the place to start for students and professionals who want to understand Agile and become conversant with Agile values, principles, framework, and processes. Authors Sondra Ashmore and Kristin Runyan use academic research and their own experiences with numerous Agile implementations to present a clear description of the essential concepts. They address all key roles and the entire development life cycle, including common roadblocks that must be overcome to be successful. Through the authors’ realistic use cases, practical examples, and thought-provoking interviews with pioneering practitioners, complex concepts are made relatable. No matter what your role or level of experience, this book provides a foundational understanding that can be used to start or enhance any Agile effort. Coverage includes How Agile compares with the Waterfall method and when to use each Why Agile demands a cultural transformation—and how that looks to each participant Comparing various Agile methodologies, including Scrum, Kanban, Extreme Programming (XP), Crystal, Feature Driven Development (FDD), Lean, and DSDM Understanding the roles within Agile and how they work together to create superior results Agile approaches to requirements gathering, planning, estimating, tracking, reporting, testing, quality, and integration Extending Agile beyond IT

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.

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!

Your Hands-On, "In-the-Trenches" Guide to Successfully Leading AgileProjectsAgile methods promise to infuse development with unprecedented flexibility, speed, and valueand these promises are attracting IT organizations worldwide. However, agile methods often fail to clearly define the manager’s role, and many managers have been reluctant to buy in. Now, expert project manager Sanjiv Augustine introduces agility "from the manager’s point of view, offering a proven management framework that addresses everything from team building to project control. Augustine bridges the disconnect between the assumptions and techniques of traditional and agile management, demonstrating why agility is better aligned with today’s project realities, and how to simplify your transition. Using a detailed case study, he shows how agile methods can scale to succeed in even the largest projects: Defining a high-value role for the manager in agile project environmentsRefocusing on "outcomes--not rigid plans, processes, or controlsStructuring and building adaptive, self-organizing "organic teams"Forming a guiding vision that aligns your team behind a common purposeEmpowering your team with the information it needs to succeedManaging the flow of customer value from one creative stage to the nextLeveraging your team members strengths as "whole persons"Implementing full-life-cycle agility: from planning and coding to maintenance and knowledge transfer Customizing agile methods to your unique environmentBecoming an "adaptive leader" who can inspire and energize agile teams Whether you re a technical or business manager, "Managing Agile Projects" gives you all the tools you need to implement agility in "your environmentand reap its full benefits. "Managing Agile Projects is part of the Robert C. Martin series.(c) Copyright Pearson Education. All rights reserved.

Introduction to Disciplined Agile Delivery 2nd Edition

Large, Multisite, and Offshore Product Development with Large-Scale Scrum

Agile!

Agile Software Construction

Agile Project Management

Project Management the Agile Way, Second Edition

Understanding Scrum, XP, Lean, and Kanban

This book is open access under a CC BY license. The volume constitutes the proceedings of the 18th International Conference on Agile Software Development, XP 2017, held in Cologne, Germany, in May 2017. The 14 full and 6 short papers presented in this volume were carefully reviewed and selected from 46 submissions. They were organized in topical sections named: improving agile processes; agile in organization; and safety critical software. In addition, the volume contains 3 doctoral symposium papers (from 4 papers submitted).

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.

Introduces the core concepts, evaluates how successful they can be, as well as what problems may be encountered Dispels numerous myths surrounding agile development

This is a comprehensive guide to Scrum for all (team members, managers, and executives). If you want to use Scrum to develop innovative products and services that delight your customers, this is the complete, single-source reference you’ve been searching for. This book provides a common understanding of Scrum, a shared vocabulary that can be used in applying it, and practical knowledge for deriving maximum value from it.

The Art of Agile Practice

A Manager’s Guide

A Composite Approach for Projects and Organizations

2 BOOKS IN 1. Agile Project Management + Scrum. A QuickStart Bundle to Lean

Learning Agile

A Practical Guide to the Most Popular Agile Process

An Introduction to Agile Project Management

Companies using traditional development methods are finding it increasingly difficult to maintain profitable business relationships in today's climate. Agile is a flexible, adaptable system and this book will help you implement it for maximum impact and success for your business. With Agile you can deliver the results your clients want, with the results you want too!

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

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.

Presents a step-by-step guide to effectively manage the computer software development process.

Choose your WoW

Managing Agile Projects

The Cooperative Game

Agile Practice Guide (Hindi)

Agile Methodology

A Small Agile Team’s Journey from Scrum to Disciplined DevOps

Best Practices for Large Enterprises

Learning Agile is a comprehensive guide to the most popular agile methods, written in a light and engaging style that makes it easy for you to learn. Agile has revolutionized the way teams approach software development, but with dozens of agile methodologies to choose from, the decision to "go agile" can be tricky. This practical book helps you sort it out, first by grounding you in agile’s underlying principles, then by describing four specific—and well-used—agile methods: Scrum, extreme programming (XP), Lean, and Kanban. Each method focuses on a different area of development, but they all aim to change your team’s mindset—from individuals who simply follow a plan to a cohesive group that makes decisions together. Whether you’re considering agile for the first time, or trying it again, you’ll learn how to choose a method that best fits your team and your company. Understand the purpose behind agile’s core values and principles Learn Scrum’s emphasis on project management, self-organization, and collective commitment Focus on software design and architecture with XP practices such as test-first and pair programming Use Lean thinking to empower your team, eliminate waste, and deliver software fast Learn how Kanban’s practices help you deliver great software by managing flow Adopt agile practices and principles with an agile coach

“...a well written and content rich book. From a teacher’s perspective, using this book in an advanced project management seminar challenges students to understand the application of these concepts.” —Alexander Walton, PMP, IT consultant to the University of California at Berkeley Widely acclaimed as one of the top agile books in its first edition, Project Management the Agile Way has now been updated and redesigned by popular demand. This second edition is in a modular format to facilitate training and advanced course instruction, and provides new coverage of agile, such as hybrid agile methods, the latest public sector practices, and a chapter dedicated to transitioning to agile. It discusses the “grand bargain” between project management and business; the shift in dominance from plans to product and from input to output; and introduces new concepts such as return on benefit. Experienced practitioners and students that want to learn how to make agile work effectively in the enterprise should read this book. Individuals preparing for the PMI Agile Certified Practitioner (PMI-ACP)@examination, and training providers developing courses, will find this second edition quite helpful.

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

If we want to be successful in a constantly evolving world, we must adapt to the times. Every day the world of business is changing. With new technology, working environments, and people, we need to adapt to stay relevant and successful. Project management is a key factor in the success of our companies and initiatives as a team. As traditional project management methods become more cumbersome in the modern world, there’s one style that consistently outperforms the rest. Agile project management provides the adaptability and testing needed for success in the modern world. Understand the difference between Traditional and Agile project management. Learn all aspects of Agile. Gain a comprehensive understanding of how to implement Agile strategies.

Grow as a project manager, leader, and contributor. Utilize this book as the outline for success in complex and Agile project management.

Practices of an Agile Developer

More with LeSS

Current Research and Future Directions

Creating Innovative Products

Agile Project Management with Scrum

Introducing Agile Methods in Organizations

A Beginner’s Guide to Agile Method and Principles

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

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 XP conference series established in 2000 was the first conference dedicated to agile processes in software engineering. The idea of the conference is to offer a unique setting for advancing the state of the art in the research and practice of agile processes. This year’s conference was the ninth consecutive edition of this international event. The conference has grown to be the largest conference on agile software development outside North America. The XP conference enjoys being one of those conferences that truly brings practitioners and academics together. About 70% of XP participants come from industry and the number of academics has grown steadily over the years. XP is more of an experience rather than a regular conference. It offers several different ways to interact and strives to create a truly collaborative environment where new ideas and exciting findings can be presented and shared. For example, this year’s open space session, which was “a conference within a conference”, was larger than ever before. Agile software development is a unique phenomenon from several perspectives.

Are you attracted by the promises of agile methods but put off by the fanaticism of many agile texts? Would you like to know which agile techniques work, which ones do not matter much, and which ones will harm your projects? Then you need Agile!: the first exhaustive, objective review of agile principles, techniques and tools. Agile methods are one of the most important developments in software over the past decades, but also a surprising mix of the best and the worst. Until now every project and developer had to sort out the good ideas from the bad by themselves. This book spares you the pain. It offers both a thorough descriptive presentation of agile techniques and a perceptive analysis of their benefits and limitations. Agile! serves first as a primer on agile development: one chapter each introduces agile principles, roles, managerial practices, technical practices and artifacts. A separate chapter analyzes the four major agile methods: Extreme Programming, Lean Software, Scrum and Crystal. The accompanying critical analysis explains what you should retain and discard from agile ideas. It is based on Meyer’s thorough understanding of software engineering, and his extensive personal experience of programming and project management. He highlights the limitations of agile methods as well as their truly brilliant contributions — even those to which their own authors do not do full justice. Three important chapters precede the core discussion of agile ideas: an overview, serving as a concentrate of the entire book; a dissection of the intellectual devices used by agile authors; and a review of classical software engineering techniques, such as requirements analysis and lifecycle models, which agile methods criticize. The final chapters describe the precautions that a company should take during a transition to agile development and present an overall assessment of agile ideas. This is the first book to discuss agile methods, beyond the brouhaha, in the general context of modern software engineering. It is a key resource for projects that want to combine the best of established results and agile innovations.

Essential Scrum

A Practitioner’s Guide to Making It Work

A Disciplined Agile Delivery Handbook for Optimizing Your Way of Working

Large-Scale Scrum

A Breathtakingly Brief and Agile Introduction

Agile Software Development in the Large

Practices for Scaling Lean & Agile Development

In Large-Scale Scrum , Craig Larman and Bas Vodde offer the most direct, concise, actionable guide to reaping the full benefits of agile in distributed, global enterprises. Larman and Vodde have distilled their immense experience helping geographically distributed development organizations move to agile. Going beyond their previous books, they offer today’s fastest, most focused guidance: “brass tacks” advice and field-proven best practices for achieving value fast, and achieving even more value as you move forward. Targeted to enterprise project participants and stakeholders, Large-Scale Scrum offers straight-to-the-point insights for scaling Scrum across the entire project lifecycle, from sprint planning to retrospective. Larman and Vodde help you: Implement proven Scrum frameworks for large-scale developments Scale requirements, planning, and product management Scale design and architecture Effectively manage defects and interruptions Integrate Scrum into multisite and offshore projects Choose the right adoption strategies and organizational designs This will be the go-to resource for enterprise stakeholders at all levels: everyone who wants to maximize the value of Scrum in large, complex projects.

A Thorough Introduction to the Agile Framework and Methodologies That Are Used Worldwide Organizations of all shapes and sizes are embracing Agile methodologies as a way to transform their products, customer satisfaction, and employee engagement. Many people with varying levels of work experience are interested in understanding the architecture and nuances of Agile, but it is difficult to know where to start. Numerous practitioner books are available, but there has never been a single source for unbiased information about Agile methodologies-until now. Introduction to Agile Methods is the place to start for students and professionals who want to understand Agile and become conversant with Agile values, principles, framework, and processes. Authors Sondra Ashmore and Kristin Runyan use academic research and their own experiences with numerous Agile implementations to present a clear description of the essential concepts. They address all key roles and the entire development life cycle, including common roadblocks that must be overcome to be successful. Through the authors’ realistic use cases, practical examples, and thought-provoking interviews with pioneering practitioners, complex concepts are made relatable. No matter what your role or level of experience, this book provides a foundational understanding that can be used to

start or enhance any Agile effort. Coverage includes How Agile compares with the Waterfall method and when to use each Why Agile demands a cultural transformation-and how that looks to each participant Comparing various Agile methodologies, including Scrum, Kanban, Extreme Programming (XP), Crystal, Feature Driven Development (FDD), Lean, and DSDM Understanding the roles within Agile and how they work together to create superior results Agile approaches to requirements gathering, planning, estimating, tracking, reporting, testing, quality, and integration Extending Agile beyond IT

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.

"An Introduction to Scrum" gives the reader the opportunity to learn exactly what scrum is all about and to be able to learn the basic functions of it as well. It is a great tool that can be used for application development or to manage software projects. The author ensures that things are kept simple so that the reader has no problems at all understanding and executing what they are taught in the book. Many persons shy away from learning new things, especially when they are technology based as they think that it will simply be too hard to learn in a short period of time. This text dispels that thought quite easily.

Introduction to Agile Methods

Agile Project Management For Dummies

The Modern Project Manager

A Human-Powered Methodology for Small Teams

18th International Conference, XP 2017, Cologne, Germany, May 22-26, 2017, Proceedings

Breaking the Addiction to Process

9th International Conference, XP 2008, Limerick, Ireland, June 10-14, 2008, Proceedings

Lean and Agile Development for Large-Scale Products: Key Practices for Sustainable Competitive Success Increasingly, large product-development organizations are turning to lean thinking, agile principles and practices, and large-scale Scrum to sustainably and quickly deliver value and innovation. Drawing on their long experience leading and guiding lean and agile adoptions for large, multisite, and offshore product development, internationally recognized consultant and best-selling author Craig Larman and former leader of the agile transformation at Nokia Networks Bas Vodde share the key action tools needed for success. Coverage includes Frameworks for large-scale Scrum for multihundred-person product groups Testing and building quality in Product management and the end of the “contract game” between business and R&D Envisioning a large release, and planning for multiteam development Low-quality legacy code: why it’s created, and how to stop it Continuous integration in a large multisite context Agile architecting Multisite or offshore development Contracts and outsourced development In a competitive environment that demands ever-faster cycle times and greater innovation, the practices inspired by lean thinking and agile principles are ever-more relevant. Practices for Scaling Lean & Agile Development will help people realize a lean enterprise—and deliver on the significant benefits of agility. In addition to the action tools in this text, see the companion book Scaling Lean & Agile Development: Thinking and Organizational Tools for Large-Scale Scrumfor complementary foundation tools.

Do you want to become an expert project manager?Are you interested in learning Agile, but don't know where to start?Are you tired of missing deadlines?With Agile Methodology: A Beginner's Guide to Agile Method and Principles, you can become a whiz in no time. No more late projects. No more confused team members. You can learn to manage a team and deliver high quality products with this easy to follow guide.In this book you'll learn: Basic Agile principles and how to use them.The art of simplicity.How to collaborate as a team.High to work quickly while having high quality production.How to communicate as a team and make everyone a team player.How to build a foundation for any project.How to deliver on time, every time.Increase transparency while decreasing risks.How to keep your customers satisfied.And lots more!What are waiting for? Don't wait another minute to impress your boss, manage your team and keep your customers happy. Click the BUY button now!

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