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# Agile White Papers

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Innovations in Bio-Inspired Computing and Applications  
Leadership Agility  
Agile Processes in Software Engineering and Extreme Programming  
Managing Agile Projects  
Making Sense of Agile Project Management  
Agile User Experience Design  
The Turning Point: A Novel about Agile Architects  
Building a Digital Foundation  
Handbook of Research on Software Engineering and Productivity Technologies: Implications of Globalization  
Enterprise Information Systems  
Agile Oracle Application Express  
Software Technology: Methods and Tools  
The Project Manager's Guide to Mastering Agile  
Agile Processes in Software Engineering and Extreme Programming  
The Agile Pocket Guide  
ECRM2014-Proceedings of the 13th European Conference on Research Methodology for Business and Management Studies  
Research Anthology on Recent Trends, Tools, and Implications of Computer Programming  
The Art of Agile Development  
The Agile Organization  
Integrating CMMI and Agile Development  
Agile Development in the Real World

Make Your Business Agile  
Implementing Effective IT Governance and IT  
Management  
Agile Software Development Quality Assurance  
Advanced Methodologies and Technologies in  
Business Operations and Management  
Software Applications: Concepts, Methodologies,  
Tools, and Applications  
Resource Management and Efficiency in Cloud  
Computing Environments  
Implementing Effective It Governance and It  
Management  
Project Management and Leadership Challenges,  
Volume IV  
Towards a Synergistic Combination of Research  
and Practice in Software Engineering  
Lean and Agile Software Development  
Safe 5.0 Distilled: Achieving Business Agility with  
the Scaled Agile Framework  
Systems, Software and Services Process  
Improvement  
Product-Focused Software Process Improvement  
Scaling Software Agility  
Management for Scientists  
Lean Enterprise Software and Systems  
A Deep Dive Into Agile  
Agile Project Management For Dummies  
Emerging Innovations in Agile Software  
Development

## **DUKE**

### **Innovations in Bio- Inspired Computing and Applications**

John Wiley & Sons

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 Leadership Agility John Wiley & Sons The Agile Pocket Guide

explains how to develop products, services, and software quickly and efficiently, without losing the main components of the framework so effective in streamlining the creating of these products and for making positive change within a company. It includes The basic tennets of the Scrum framework How to apply the processes and steps required to become agile The dynamics of a successful

agile environment The very basics of Scrum and how to employ them quickly Practical questions to ask the Team Leader as well as the Team How to build an environment of communication and collaboration for the entire organization  
**Agile Processes in Software Engineering and Extreme Programmin**  
 g IGI Global This book constitutes extended, revised and

selected papers from the 22nd International Conference on Enterprise Information Systems, ICEIS 2020, held online during May 5-7, 2020. The 41 papers presented in this volume were carefully reviewed and selected for inclusion in this book from a total of 255 submissions. They were organized in topical sections as follows:  
 database and information systems integration; artificial

intelligence and decision support systems; information systems analysis and specification; software agents and internet computing; human-computer interaction; and enterprise architecture. Managing Agile Projects Kogan Page Publishers Learn how an “Agile” approach to project management blends older traditional ideas and newer discoveries to create

innovative products and services. Agility in project management is the power to move quickly and easily and the ability to think fast and draw swift conclusions. Essentially, it is a value-driven approach that allows project managers to deliver high-priority and high-quality work on projects of a highly uncertain and complex nature. This book provides and understanding

of Lean project management methods that are effective for complex projects impacted by cost and resource limitations. The author presents discussions on collaboration, which is a mindset that needs to be developed with training along with creating an environment at the workplace conducive to high performance. Collaboration is a soft skill that needs to be learned by

every team member to create a collaborative culture. Readers will learn how to create collaborative leadership aimed at engaging teams and groups outside formal control for trust and innovation and inspiring them toward common goals.

*Making Sense of Agile Project Management*  
 Pearson Education  
 Presents a step-by-step guide to effectively

manage the computer software development process.

Springer  
 Today's advancements in technology have brought about a new era of speed and simplicity for consumers and businesses. Due to these new benefits, the possibilities of universal connectivity, storage and computation are made tangible, thus leading the way to new Internet-of-Things solutions.

Resource

Management and Efficiency in Cloud Computing Environments is an authoritative reference source for the latest scholarly research on the emerging trends of cloud computing and reveals the benefits cloud paths provide to consumers. Featuring coverage across a range of relevant perspectives and topics, such as big data, cloud security, and utility computing,

this publication is an essential source for researchers, students and professionals seeking current research on the organization and productivity of cloud computing environments.

### **Agile User Experience Design**

John Wiley & Sons Leadership Agility is the master competency needed for sustained success in today's complex, fast-paced business

environment. Richly illustrated with stories based on original research and decades of work with clients, this groundbreaking book identifies five levels that leaders move through in developing their agility. Significantly, only 10% have mastered the level of agility needed for consistent effectiveness in our turbulent era of global competition. Written in an engaging, down-to-earth

style, this book not only provides a map that guides readers in identifying their current level of agility. It also provides practical advice and concrete examples that show managers and leadership professionals how they can bring greater agility to the initiatives they take every day.

*The Turning Point: A Novel about Agile Architects Building a Digital*

<p><i>Foundation Business Expert Press</i> "This book provides the research and instruction used to develop and implement software quickly, in small iteration cycles, and in close cooperation with the customer in an adaptive way, making it possible to react to changes set by the constant changing business environment. It presents four values explaining extreme</p>	<p>programming (XP), the most widely adopted agile methodology"- -Provided by publisher. <i>Handbook of Research on Software Engineering and Productivity Technologies: Implications of Globalization</i> Van Haren This book constitutes the refereed proceedings of the 19th International Conference on Product-Focused Software Process Improvement, PROFES 2018, held in Wolfsburg,</p>	<p>Germany, in November 2018. The 16 revised full papers and 8 short papers presented together with 10 workshop papers and 2 industry talks were carefully reviewed and selected from 65 submissions. The papers are organized in the following topical sections: processes and methods; empirical studies in industry; testing; measurement and monitoring; and global</p>
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software engineering and scaling. Further relevant topics were added by the events co-located with PROFES 2018, the Second International Workshop on Managing Quality in Agile and Rapid Software Development Processes (QUASD) and the Third Workshop on Hybrid Software and System Development Approaches (HELENA).  
**Enterprise Information Systems**

Springer Nature  
This book contains the refereed proceedings of the 12th International Conference on Agile Software Development, XP 2011, held in Madrid, Spain, in May 2011. The year 2011 marked the 10th anniversary of the Agile Manifesto. In this spirit, the XP conference continued its fine tradition of promoting agility by disseminating new research results in a timely manner and by

bringing together researchers and practitioners for a fruitful mutual exchange of experiences. As introduced for XP 2010, there were again two different program committees, one for research papers and one for experience reports. Regarding the research papers, 11 out of 56 submissions were accepted as full papers; and as far as the experience

reports were concerned, the respective number was 4 out of 17 submissions. In addition to these papers, this volume also includes the short research papers, the abstracts of the posters, the position papers of the PhD symposium, and the abstracts of the workshops. [Agile Oracle Application Express](#) Apress  
Many organizations that have improved process

maturity through Capability Maturity Model Integration (CMMI®) now also want greater agility. Conversely, many organizations that are succeeding with Agile methods now want the benefits of more mature processes. The solution is to integrate CMMI and Agile. Integrating CMMI® and Agile Development offers broad guidance for melding these process

improvement methodologies . It presents six detailed case studies, along with essential real-world lessons, big-picture insights, and mistakes to avoid. Drawing on decades of process improvement experience, author Paul McMahon explains how combining an Agile approach with the CMMI process improvement framework is the fastest, most effective way to achieve your business

objectives. He offers practical, proven techniques for CMMI and Agile integration, including new ways to extend Agile into system engineering and project management and to optimize performance by focusing on your organization's unique, culture-related weaknesses. *Software Technology: Methods and Tools* IGI Global 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.

*The Project Manager's Guide to Mastering Agile* Addison-Wesley Professional This open access book constitutes the proceedings of the 22nd International Conference on Agile Software Development, XP 2021, which was held virtually during June 14-18, 2021. XP is the premier agile software development conference combining research and practice. It is a unique forum where agile researchers, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. XP conferences provide an informal environment to learn and trigger discussions and welcome both people new to agile and seasoned agile practitioners. This year's

conference was held with the theme “Agile Turns Twenty While the World Goes Online”. The 11 full and 2 short papers presented in this volume were carefully reviewed and selected from 38 submissions. They were organized in topical sections named: agile practices; process assessment; large-scale agile; and short contributions. Agile Processes in Software

Engineering and Extreme Programming  
Springer Nature  
This book is a practical guide for new agile practitioners and contains everything a new project manager needs to know to get up to speed with agile practices quickly and sort out the hype and dogma of pseudo-agile practices. The author lays out the general guidelines for running an agile project with the assumption that the

project team may be working in a traditional environment (using the waterfall model, or something similar). Agile Development in the Real World conveys valuable insights to multiple audiences: For new-to-agile project managers, this book provides a distinctive approach that Alan Cline has used with great success, while showing the decision points and perspectives as the agile

<p>project moves forward from one step to the next. This allows new agile project managers or agile coaches to choose between the benefits of agile and the benefits of other methods. For the agile technical team member, this book contains templates and sample project artifacts to assist in learning agile techniques and to be used as exemplars for the new practitioner's own project.</p>	<p>For the Project Management Office (PMO), the first three chapters focus on portfolio management. They explain, for the agilists' benefit, how projects are selected and approved, and why projects have an inherent "shelf-life" that results in hard deadlines that may seem arbitrary to traditional technical teams. What You Will Learn: How and why the evolution of project management, from PM-1</p>	<p>(prescriptive) to PM-2 (adaptive) affects modern 21st century project management. How sociology (stakeholder management), psychology (team dynamics), and anthropology (organizational culture) affect the way software is developed today, and why it is far more effective. A clear delineation of what must to be accomplished by all the roles (PM, BA, APM, Developer,</p>
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and Tester), why those roles are needed, and what they must do Step-by-step guide for a successful project based on studies and the author's own experiences. Specific techniques for each role on the development team, both in the pre-iteration and iteration cycles, of product development. The appendices contain templates that the team could use or

modify to tailor their own agile processes specific to the team, project, and organization. *The Agile Pocket Guide* Springer The Must-have Reference Guide for SAgile® Professionals "There are a lot of methods of scale out there, but the Scaled Agile Framework is the one lighting up the world." -Steve Elliot, Founder/CEO AgileCraft "Since beginning our Lean-Agile journey with

SAFe, Vantiv has focused its strategic efforts and its execution. We have improved the predictability of product delivery while maintaining high quality, and have become even more responsive to customers—resulting in higher customer satisfaction. And just as important, employee engagement went up over the past year." -Dave Kent, Enterprise Agile Coach, Vantiv Fully

updated to include the new innovations in SAFe 4.5, the SAFe® 4.5 Reference Guide is ideal for anyone serious about learning and implementing the world's leading framework for enterprise agility. Inside, you'll find complete coverage of the scaled agile framework. [scaledagileframework.com](http://www.scaledagileframework.com) knowledge base, the website that thousands of the world's largest brands turn to for building better software and systems. SAFe was developed from real-world field experience and provides proven success patterns for implementing Lean-Agile software and systems development at enterprise scale. This book provides comprehensive guidance for work at the enterprise Portfolio, Large Solution, Program, and Team levels, including the various roles, activities, and artifacts that constitute the Framework. Education & Training Key to Success The practice of SAFe is spreading rapidly throughout the world. The majority of Fortune 100 companies have certified SAFe professionals and consultants, as do an increasing percentage of the Global 2000. Case study results—visit [scaledagileframework.com/case-studies](http://scaledagileframework.com/case-studies)—typically include: 30 — 75% faster time-to-

market 25 — 75% increase in productivity 20 — 50% improvements in quality 10 — 50% increased employee engagement Successful implementations may vary in context but share a common attribute: a workforce well trained and educated in SAFe practices. This book—along with authorized training and certification—will help you understand how to maximize the value of your

role within a SAFe organization. The result is greater alignment and visibility, improved performance throughout the enterprise, and ultimately better outcomes for the business. [ECRM2014- Proceedings of the 13th European Conference on Research Methodology for Business and Management Studies](#) Springer This book highlights recent research on bio-inspired

computing and its various innovative applications in information and communication technologies. It presents 51 high-quality papers from the 11th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2020) and 10th World Congress on Information and Communication Technologies (WICT 2020), which was held online

during December 16-18, 2019. As a premier conference, IBICA-WICT brings together researchers, engineers and practitioners whose work involves bio-inspired computing, computational intelligence and their applications in information security, real-world contexts, etc. Including contributions by authors from 25 countries, the book offers a valuable reference guide for all

researchers, students and practitioners in the fields of Computer Science and Engineering. *Research Anthology on Recent Trends, Tools, and Implications of Computer Programming* Van Haren "This book provides integrated chapters on software engineering and enterprise systems focusing on parts integrating requirements engineering, software engineering, process and

frameworks, productivity technologies, and enterprise systems"-- Provided by publisher.

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

t Springer Nature Most companies developing software employ something they call "Agile." But there's widespread misunderstanding of what Agile is and how to use it. If you want to improve your software development team's agility, this

comprehensive guidebook's clear, concrete, and detailed guidance explains what to do and why, and when to make trade-offs. In this thorough update of the classic Agile how-to guide, James Shore provides no-nonsense advice on Agile adoption, planning, development, delivery, and management taken from over two decades of Agile experience. He brings the latest ideas

from Extreme Programming, Scrum, Lean, DevOps, and more into a cohesive whole. Learn how to successfully bring Agile development to your team and organization-- or discover why Agile might not be for you. This book explains how to: Improve agility: create the conditions necessary for Agile to succeed and scale in your organization Focus on value: work as a team, understand

priorities, provide visibility, and improve continuously Deliver software reliably: share ownership, decrease development costs, evolve designs, and deploy continuously Optimize value: take ownership of product plans, budgets, and experiments-- and produce market-leading software *The Agile Organization* Safe 5.0 Distilled: Achieving Business Agility with

the Scaled Agile FrameworkA Deep Dive Into AgileThe Agile Organization This book constitutes the proceedings of the 6th International Conference on Lean and Agile Software Development, LASD 2022, which was held online on January 22, 2022. The conference received a total of 29 submissions, of which 9 full papers, 1 short paper and 1 position

paper are included in this volume. In addition, the volume contains one keynote paper in full paper length. Topics discussed in this volume cover various aspects of agile software development and range from agile testing, to agile effort estimation, an agile approach to model-driven development, and remotely working agile teams. *Integrating CMMI and Agile*

*Development Academic Conferences Limited Management for Scientists* explores the core theories and practices in management studies today in a context applicable to those working in the scientific industries. Chapters feature a range of real-world examples presented by experienced scientists with strategic and economic business expertise.