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# Agile White Papers

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Project Management and Leadership Challenges, Volume IV

The Project Manager's Guide to Mastering Agile

Lean and Agile Software Development

Implementing Effective IT Governance and IT Management

Towards a Synergistic Combination of Research and Practice in Software Engineering

Agile User Experience Design

Agile Development in the Real World

Innovations in Bio-Inspired Computing and Applications

Agile Processes in Software Engineering and Extreme Programming

Resource Management and Efficiency in Cloud Computing Environments

ECRM2014-Proceedings of the 13th European Conference on Research Methodology  
for Business and Management Studies

Agile Oracle Application Express

A Deep Dive Into Agile

Handbook of Research on Software Engineering and Productivity Technologies:

Implications of Globalization

Software Applications: Concepts, Methodologies, Tools, and Applications

The Agile Pocket Guide  
Making Sense of Agile Project Management  
Systems, Software and Services Process Improvement  
Management for Scientists  
The Agile Organization  
Agile Processes in Software Engineering and Extreme Programming  
Integrating CMMI and Agile Development  
Agile Software Development Quality Assurance  
Make Your Business Agile  
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Agile Project Management For Dummies  
Managing Agile Projects  
Product-Focused Software Process Improvement  
Leadership Agility  
Lean Enterprise Software and Systems  
The Turning Point: A Novel about Agile Architects Building a Digital Foundation  
Emerging Innovations in Agile Software Development  
The Art of Agile Development  
SAFe 4.5 Reference Guide  
Scaling Software Agility

Advanced Methodologies and Technologies in Business Operations and Management  
Safe 5.0 Distilled: Achieving Business Agility with the Scaled Agile Framework  
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## **MOONEY DAKOTA**

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Project Management and Leadership  
Challenges, Volume IV Academic  
Conferences Limited

"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 Project Manager's Guide to  
Mastering Agile* Van Haren

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.

*Lean and Agile Software Development*  
Pearson Education

In all enterprises around the world, the issues, opportunities and challenges of aligning IT more closely with the organization and effectively governing an organizations IT investments, resources, major initiatives and superior uninterrupted service is becoming a

major concern of the Board and executive management. An integrated and comprehensive approach to the alignment, planning, execution and governance of IT and its resources has become critical to more effectively align, integrate, invest, measure, deploy, service and sustain the strategic and tactical direction and value proposition of IT in support of organizations. Much has been written and documented about the individual components of IT Governance such as strategic planning, demand management, program and project management, IT service management, strategic sourcing and outsourcing, performance management, metrics, compliance and others. Much less has been written about a comprehensive and integrated approach

Implementing Effective IT Governance and IT Management IGI Global  
 Annotation Are you being asked to manage a project with:- unclear requirements? - high levels of change? - a team using Extreme Programming or other Agile Methods? This book is for project managers who are interested in learning the secrets of successfully controlling and delivering agile projects. From learning how agile projects are different from traditional projects, to detailed guidance on a number of agile management techniques, this book includes contributions from some of the industry experts -- the visionaries who developed the agile methodologies in the first place. Contributors include:- Scott Ambler, developer of Agile Modeling - Alistair Cockburn, the

developer of Crystal Methods - Larry Constantine, the visionary behind user-centred design and use cases- Ron Jeffries, co-creator of Extreme Programming - Linda Rising, the leading expert on the use of patterns in software design- and many others.

Towards a Synergistic Combination of Research and Practice in Software Engineering Newnes

Safe 5.0 Distilled: Achieving Business Agility with the Scaled Agile FrameworkA Deep Dive Into AgileThe Agile OrganizationKogan Page Publishers  
**Agile User Experience Design** IGI Global

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 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. 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 (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 be accomplished by all the roles (PM, BA, APM, Developer, 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.

### **Agile Development in the Real World** IGI Global

In today's volatile and ambiguous world,

organizations need to have the capacity and flexibility to respond rapidly to changes in their environment, both internally and externally. The key to retaining this competitive advantage is agility, a set of capabilities that help organizations adapt with the full cooperation of their employees. Packed with helpful checklists, tips and advice, The Agile Organization is a practical blueprint to building both agility and resilience at individual, team and organizational levels. This revised second edition of The Agile Organization contains a new chapter on the latest approaches to agile organization design in light of digitization and customer-centricity, as well as new and updated case studies from the University of California, Berkeley, the UK National

Health Service (NHS), SNC-Lavalin's Atkins business and General Electric (GE). It remains the 'go to' guide for HR and OD specialists, senior leaders and managers who want to help bring about organizational transformation and build a sustainably agile business while enhancing employee engagement and resilience.

**Innovations in Bio-Inspired Computing and Applications** IGI Global

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 Processes in Software Engineering and Extreme Programming](#) IGI Global  
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 an 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.

Resource Management and Efficiency in Cloud Computing Environments Springer Nature

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 development professionals how they can bring greater agility to the initiatives they take every day.

**ECRM2014-Proceedings of the 13th European Conference on Research Methodology for Business and Management Studies**

Emerald Group Publishing

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*

This volume constitutes the refereed proceedings of the 20th EuroSPI conference, held in Dundalk, Ireland, in June 2013. The 31 revised papers presented in this volume were carefully reviewed and selected. They are organized in topical sections on SPI Safety and Regulation Issues; SPI Lifecycle and Models; SPI Quality and Testing Issues; SPI Networks and Teams; SPI and Reference Models; SPI Implementation; Agile organisations and an agile management process group; Managing Diversity and Innovation; SPI and Measurement; Risk Management

and Functional Safety Standards.

*A Deep Dive Into Agile* John Wiley & Sons

This book constitutes the refereed proceedings of the 19th International Conference on Product-Focused Software Process Improvement, PROFES 2018, held in Wolfsburg, 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 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). Handbook of Research on Software Engineering and Productivity Technologies: Implications of Globalization Springer Nature

"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 programming (XP), the most widely adopted agile methodology"--Provided by publisher.

**Software Applications: Concepts, Methodologies, Tools, and Applications** Business Expert Press

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.

**The Agile Pocket Guide** Routledge  
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.

*Making Sense of Agile Project Management* John Wiley & Sons

This book reports on recent advances in software engineering research and practice. Divided into 15 chapters, it addresses: languages and tools; development processes; modelling, simulation and verification; and education. In the first category, the book includes chapters on domain-specific languages, software complexity, testing and tools. In the second, it reports on

test-driven development, processing of business rules, and software management. In turn, subsequent chapters address modelling, simulation and verification of real-time systems, mobile systems and computer networks, and a scrum-based framework. The book was written by researchers and practitioners, the goal being to achieve a synergistic combination of research results achieved in academia and best practices used in the industry, and to provide a valuable reference guide for both groups.

**Systems, Software and Services Process Improvement** Addison-Wesley Professional

“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. *Management for Scientists* Van Haren 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](#) Springer Nature 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

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