

Agile White Papers

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Product-Focused Software Process

Improvement - Davide Taibi 2022-12-15

This book constitutes the refereed proceedings of the 23rd International Conference on Product-Focused Software Process Improvement, PROFES 2022, which took place in Jyväskylä, Finland in November 2022. The 24 full technical papers, 9 short papers, and 6 poster papers presented in this volume were carefully reviewed and selected from 75 submissions. The book also contains and 8 doctoral symposium papers and 7 tutorial and workshop papers. The contributions were organized in topical sections as follows: Keynote; Cloud and AI; Empirical Studies; Process Management; Refactoring and Technical Dept; Software Business and Digital Innovation; Testing and Bug Prediction; Posters; Tutorials; Workshop on Engineering Processes and Practices for Quantum Software (PPQS'22); 1st Workshop on Computational Intelligence and Software Engineering (CISE 2022); Doctoral Symposium.

Product-Focused Software Process Improvement
- Marco Kuhrmann 2018-11-19

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).

[The Art of Agile Development](#) - James Shore 2021-10-12

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

Introduction to Satellite Ground Segment Systems Engineering - Bobby Nejad 2022-11-25

The ground segment is the fundamental backbone of every satellite project, yet it is usually not visible to the public or the end user of a satellite service. Also the bulk of existing published space literature tends to focus on the satellite or its subsystems. This book tries to fill this gap and addresses systems engineering concepts applied to the design, development, qualification, and deployment of the ground control segment required to operate a single satellite, a constellation, or even a manned space vehicle. The domain of ground segment engineering has significantly evolved in recent years, mainly driven by major advances in the IT sector. Hardware virtualisation or the availability of on-demand cloud computing services are typical examples of new technologies that have changed fundamental architectural concepts previously standard in heritage ground segments. Furthermore, the stark increase of cyber attacks - today a major risk to almost all critical IT based infrastructure - has made a cyber threat resilient architecture to become one of the indispensable design requirements for ground segment engineers. The new mega constellations recently put into space deploying up to several hundred of flying objects have put very demanding needs on the ground segment for automated satellite operations. These topics and more are addressed in the book's chapters, along with a detailed explanation of the most relevant components of a typical ground segment architecture. The basic functional requirements, design features, and the most important ground and space segment interfaces are addressed and explained in detail, supported by a wealth of figures for easier understanding. This book is kept at an introductory level, allowing newcomers to get familiar with this fairly complex subject matter. It is therefore suitable for graduate students, but can equally serve as a valuable source of information for already experienced space engineers who seek to gain a deeper understanding of the ground segment infrastructure and related systems engineering processes. It can also help project managers to better interact with their systems engineers, satellite developers to define their ground

segment interfaces, and satellite operators to improve their flight and ground procedures. It is very well suited for everyone intending to start a career in satellite ground segment systems engineering.

Emerging Innovations in Agile Software Development - Ghani, Imran 2016-01-26

Agile is a relatively recent methodology used in the development process of a project. Therefore, it is important to share new emerging knowledge with researchers and professionals interested in adopting an agile mindset. Emerging Innovations in Agile Software Development focuses on the use of agile methodologies to manage, design, develop, test and maintain software projects. Emphasizing research-based solutions for contemporary software development, this publication is designed for use by software developers, researchers, and graduate-level students in software engineering and project management programs.

Driving Digital - Isaac Sacolick 2017-08-24

Every organization makes plans for updating products, technologies, and business processes. But that's not enough anymore for the twenty-first-century company. The race is now on for everyone to become a digital enterprise. For those individuals who have been charged with leading their company's technology-driven change, the pressure is intense while the correct path forward unclear. Help has arrived! In Driving Digital, author Isaac Sacolick shares the lessons he's learned over the years as he has successfully spearheaded multiple transformations and helped shape digital-business best practices. Readers no longer have to blindly trek through the mine field of their company's digital transformation. In this thoroughly researched one-stop manual, learn how to:

- Formulate a digital strategy
- Transform business and IT practices
- Align development and operations
- Drive culture change
- Bolster digital talent
- Capture and track ROI
- Develop innovative digital practices
- Pilot emerging technologies
- And more!

Your company cannot avoid the digital disruption heading its way. The choice is yours: Will this mean the beginning of the end for your business, or will your digital practices be what catapults you into next-level success?

Advanced Methodologies and Technologies in Business Operations and Management

Khosrow-Pour, D.B.A., Mehdi 2018-09-14

Businesses consistently work on new projects, products, and workflows to remain competitive and successful in the modern business environment. To remain zealous, businesses must employ the most effective methods and tools in human resources, project management, and overall business plan execution as competitors work to succeed as well. *Advanced Methodologies and Technologies in Business Operations and Management* provides emerging research on business tools such as employee engagement, payout policies, and financial investing to promote operational success. While highlighting the challenges facing modern organizations, readers will learn how corporate social responsibility and utilizing artificial intelligence improve a company's culture and management. This book is an ideal resource for executives and managers, researchers, accountants, and financial investors seeking current research on business operations and management.

Enterprise Information Systems Joaquim Filipe 2021-04-30

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.

Agile Oracle Application Express - Patrick Cimolini 2012-06-12

Agile Oracle Application Express shows how skilled, motivated, and self-organizing developers can realize extraordinary commercial benefits from Oracle Application Express. The secret is to couple Application Express with an agile software development approach. This book leads the way. Oracle Application Express is well-suited to agile processes, with its support

for rapid prototyping and team development. Application Express supports a gamut of enabling technologies such as SQL, HTML, CSS, JavaScript, and more that enable you to deliver any type of web application to meet your development needs. Agile Oracle Application Express helps you take the feature set of Application Express and marry it with the processes of agile development to iteratively design, create, and deliver quality applications on time and within budget.

Managing Agile Projects - Kevin Aguanno 2005

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.

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE) - Project Management Institute Project Management Institute 2021-08-01

PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide &- Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to

help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide:

- Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.);
- Provides an entire section devoted to tailoring the development approach and processes;
- Includes an expanded list of models, methods, and artifacts;
- Focuses on not just delivering project outputs but also enabling outcomes; and
- Integrates with PMI standards™ for information and standards application content based on project type, development approach, and industry sector.

Project Management and Leadership Challenges, Volume I-III. Aslam Mirza
2018-08-23

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.

Software Applications: Concepts, Methodologies, Tools, and Applications - Tiako, Pierre F.
2009-03-31

Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

Scaling Software Agility - Dean Leffingwell
2007-02-26

“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.

Agile Transformation Michael Spayd 2020
Lead Agile Transformations that Scale and Succeed across the Entire Organization Most organizational leaders know agility is paramount to survival in a world of unprecedented volatility, uncertainty, complexity, and ambiguity (VUCA). That's why so many keep attempting Agile transformations even after previous initiatives have failed. But the truth is, both organizations and leaders need new ways of thinking they need to upgrade their organizational operating system. Built on the proven Integral Agile Transformation Framework (IATF), Agile Transformation offers a fresh perspective and systemic approach that can operate on all levels, from individual to enterprise. You'll learn how to use IATF to combine what you know subjectively (heart) with what you can measure objectively (data). Even if you're already using leadership or culture models, scaled frameworks, or other techniques, IATF helps you place them in context, overcome their limitations, and gain more value from them. As it has in many other organizations, IATF can help you become an authentic Transformational Leader and finally build an organization that's truly Agile. Gain crucial new perspective for leading your Agile transformation: insight into your world, organization, work, and yourself Understand what your current Agile methods do and don't do, how they interact or conflict, and where you need something more Structure existing models and frameworks into an understandable meta-framework Master a unified and practical system for mapping what's going on and what needs to change Discover practical ways to successfully lead both human and organizational aspects of change Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

Make Your Business Agile - Peter Taylor
2021-05-18

Business Agility is an approach that gives the right business flexibility and fast decision-making in a volatile environment, providing a great capacity for innovation, adaptation and change. Businesses everywhere are trying to 'get business agile' - but it's not easy to adapt to

becoming this adaptive. How can conventional organisations succeed in this transformation? In this book, project and change management expert Peter Taylor walks you through the change process step by step, providing a tried and tested transformation roadmap: benefits are outlined, solutions to common challenges offered, and tried and tested methods and tools provided. He guides you towards a decentralised management style that offers more successful decision making through collaboration. By reducing processes, adjusting the governance and believing in 'the power of the people' to deliver simple success in a time of complex demand, the guidance in this book will help any manager get Business Agile.

Systems, Software and Services Process

Improvement - Fergal McCaffery 2013-06-12

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.

Solutions for Agile Governance in the Enterprise (Sage) - Kevin Thompson 2019-01-02

Solutions for Agile Governance in the Enterprise (SAGE) is the essential guide to understanding, implementing, and perfecting Agile product development throughout your organization, from one of the leading experts in software and hardware project management and planning.

Research Ant hology on Recent Trends, Tool s, and Impl icat ions of Comput er Programmi ng
Management Association, Information Resources
2020-08-03

Programming has become a significant part of connecting theoretical development and scientific application computation. Computer programs and processes that take into account the goals and needs of the user meet with the greatest success, so it behooves software engineers to consider the human element inherent in every line of code they write.

Research Anthology on Recent Trends, Tools, and Implications of Computer Programming is a vital reference source that examines the latest scholarly material on trends, techniques, and uses of various programming applications and examines the benefits and challenges of these computational developments. Highlighting a range of topics such as coding standards, software engineering, and computer systems development, this multi-volume book is ideally designed for programmers, computer scientists, software developers, analysts, security experts, IoT software programmers, computer and software engineers, students, professionals, and researchers.

Agile Processes in Software Engineering and Extreme Programming - Peggy Gregory
2021-06-09

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.

SAFe Reference Guide - Dean Leffingwell 2018
The SAFe foundation -- The SAFe implementation roadmap -- The SAFe principles -- The team level -- The program level -- The spanning palette -- The large solution level -- The portfolio level -- Advanced topics -- Glossary.

Agile Software Development Quality Assurance - Stamelos, Ioannis G. 2007-02-28
"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.
Leadership Agility - William B. Joiner 2006-10-20
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.

Agile Processes in Software Engineering and Extreme Programming - Giovanni Cantone 2014-06-30

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

metrics, and lean development.

SAFe 4.5 Reference Guide - Dean Leffingwell
2018-05-04

The Must-have Reference Guide for SAFe® 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 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—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.

The Agile Pocket Guide - Peter Saddington
2012-11-14

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 tenets 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 Project Management For Dummies - Mark C. Layton
2012-05-08

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

Towards a Synergistic Combination of Research and Practice in Software Engineering Piotr Kosiuczenko
2017-08-04

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.

Management for Scientists - Robert B. Mellor
2019-03-19

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.

The Agile Organization - Linda Holbeche
2018-06-03

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 co-operation 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.

Agile Processes in Software Engineering and Extreme Programming - Alberto Sillitti
2011-05-03

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.

Integrating CMMI and Agile Development Paul E. McMahon 2010-08-09

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.

Handbook of Research on Software Engineering and Productivity Technologies: Implications of Globalization Ramachandran, Muthu
2009-08-31

"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.

Resource Management and Efficiency in Cloud Computing Environments - Turuk, Ashok Kumar 2016-11-08

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.

"White Paper - Cybersecurity in Agile Cloud Computing - Cybersecurity Guidelines for Cloud Access" .-

Safe 5.0 Distilled: Achieving Business Agility with the Scaled Agile Framework -
RICHARD. LEFFINGWELL KNASTER (DEAN.)
2020-08-08

Evolvagility - Michael Hamman 2019-01-10
Organizations around the globe are struggling to adapt to an increasingly complex and turbulent social, economic, technological, and business environment-whether they be banks, product development companies, or city councils. Many are responding by embracing agility as a way of working-some with a primary orientation around operational agility (Agile software development methods such as Scrum and SAFe), others focusing on customer development agility (e.g., Lean Startup), while others are embracing a broader business agility. In almost all of these cases, the prevailing notion of agility is concerned primarily with processes and practices, with systems and structures-a form of outer agility. But, as seasoned agilists (of whatever stripe) are finding, the biggest challenges with agility revolve not so much around its outer aspects-its processes, practices, deliverables, and business outcomes-but around the sensemaking, communication, and relationship intelligence of an organization's people-its inner aspects. This is where we find the characteristically human problems of resistance, conflict, communication breakdowns, broken promises, people going through the motions with little passion or conviction,

deteriorating product quality, managers micro-managing-the world, that is, of mindset and culture-the world of inner agility. Many organizational leaders and managers take an objectivist approach to the growing of inner agility, treating mindset and culture as reified goals to be attained, rather than as holistic qualities to be cultivated. Mindset and culture are viewed as behavioral attributes which exist somewhere out there: In those people out there; in those behaviors out there; in those habits and beliefs out there. From such an objectivist perspective, the tendency is to think about and treat mindset and culture from the outside in-as those aspects of organizational reality which we can somehow fix or change from the outside; whether through inculcation, motivational inducement, reasoned argument, or training and mentoring. Evolvagility takes an alternative perspective-one in which we view mindset and culture not from the outside in, but from the inside out. From this perspective, we are interested in the inner capabilities which determine how people think; how they make sense of complex situations around them; the (often unexamined) beliefs and values they hold, both individually and collectively; people's ability (or inability) to hold perspectives that are different from their own; their ability (or lack thereof) to relate with others in ways that leave those others empowered and enabled. But, even more than this, we want to know how we might help ourselves and others grow those capabilities. Again, not from the outside in-the world of processes and structures or even behaviors; but rather from the inside out-from the world of sensemaking and consciousness, and from there out into the world of relationships and, beyond that, out into the world of organizational environments. Evolvagility synthesizes a human technology from a variety of fields that include adult developmental psychology, relationship systems, executive coaching, and organization development. In this synthesis, it leads us toward a deeper understanding of the very anatomy of human sensemaking, and how it impacts people's capacity for effective and creative action. And, perhaps more importantly, it provides a practical methodology with which we might increase the capacity of that inner

sensemaking in order to help ourselves, and others, make sense of the complexity and ambiguity of the situations we increasingly find ourselves in as players in 21st Century organizational life.

Walking the Talk - Carolyn Taylor 2015-09-24
A new, fully revised edition. The culture of an organisation can mean the difference between success and failure. Leaders cast long shadows, and if you want to change the culture you have to walk the talk. This book shows you how. Walking the Talk covers everything from measuring corporate culture to changing people's behaviour (including your own) and describes in detail six archetypes of company culture: Achievement, Customer-Centric, One-Team, Innovative, People-First and Greater-Good. Packed with fascinating examples and case histories, and drawing extensively on Carolyn Taylor's twenty years' experience of building great cultures, it will give you the confidence to build a culture of success in your own organisation.

Agile Development in the Real World Alan Cline 2015-12-28

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.

Making Sense of Agile Project Management - Charles G. Cobb 2011-02-08

Making Sense of Agile Project Management Business & Economics/Project Management The essential primer to successfully implementing agile project management into an overall business strategy For a project to be truly successful, its management strategy must be flexible enough to adapt to dynamic and rapidly evolving business needs. Making Sense of Agile Project Management helps project managers think outside the box by presenting a deep exploration of agile principles, methodologies, and practices. Straying from traditional bureaucratic procedures that are rigidly defined, this book espouses a heavy reliance on the training and skill of collaborative, cross-functional teams to adapt the methodology to the problem that they are attempting to solve—rather than force-fitting a project to a particular methodology. Making Sense of Agile Project Management: Focuses on how agile project management fits with other more traditional project management models to provide a more effective strategy Includes many cases taken from real-world companies

illustrating good and bad agile implementation
Provides coverage that is balanced and objective
with discussion of both agile and non-agile
methodologies Making Sense of Agile Project
Management employs a straightforward
approach that enables project managers to
grasp concepts quickly and develop adaptable
management tools for creating a vibrant and

fluid business environment. By utilizing the
principles laid out in this book, business
managers and leaders will strengthen their
ability to meet the risks and complexities of any
individual project—and better understand how
to blend the appropriate balance of control and
agility into an overall business strategy.