# Agile Service Development Combining Adaptive Methods And Flexible Solutions

Index to selected publications of the Combined Arms Center.

In modern business environments, ethical behavior plays a crucial role in success. Managers and business leaders must pay close attention to the ethics of their policies and behaviors to avoid a reputation-crushing scandal. Business Law and Ethics: Concepts, Methodologies, Tools, and Applications explores best practices business leaders need to navigate the complex landscape of legal and ethical issues on a day-to-day basis. Utilizing both current research and established conventions, this multi-volume reference is a valuable tool for business leaders, managers, students, and professionals in a globalized marketplace.

Service innovation is a concept that, for the last decade, has received increased attention both among academics as well as practitioners. However, service innovation is a multi-fragmented concept which often induces confusion. The main purpose of the book is to discuss and explain what service innovation is, based on contemporary research. It explains service innovation from three different perspectives: stimulation, realization, and value capture.Stimulation: Focuses on the front-end of service innovation. It deals with structures, cultures, and processes that stimulates innovation. Idea management will be a central part of this, where the specifics with handling service ideas, both internally and externally, are illuminated.Realization: Deals with aspects on how to realize service innovations. This includes different aspects such as specific tools to be used for developing services, and also processes such as service design which aims to receive a better understanding of the customer or user. As co-creation is an important aspect of service innovation, this will also be dealt with. Finally, as many service innovations require behavior change (internally within the organization and externally among the receiving parties), this will also be covered.Value capture: Companies transitioning to become more service-oriented discover the need to reconsider old business models in order to capitalize on their service offerings. Services are often taken for granted and included in the price. This book will addresses the problem of going 'from free to fee'. In addition, the book also deals with the difficulties that involve moving from a traditional product-oriented logic to a more contemporary service-logic.

An enterprise architecture tries to describe and control an organisation's structure, processes, applications, systems and techniques in an integrated way. The unambiguous specification and description of components and their relationships in such an architecture requires a coherent architecture modelling language. Lankhorst and his co‐authors present such an enterprise modelling language that captures the complexity of architectural domains and their relations and allows the construction of integrated enterprise architecture models. They provide architects with concrete instruments that improve their architectural practice. As this is not enough, they additionally present techniques and heuristics for communicating with all relevant stakeholders about these architectures. Since an architecture model is useful not only for providing insight into the current or future situation but can also be used to evaluate the transition from 'as‐is' to 'to‐be', the authors also describe analysis methods for

assessing both the qualitative impact of changes to an architecture and the quantitative aspects of architectures, such as performance and cost issues. The modelling language presented has been proven in practice in many real?life case studies and has been adopted by The Open Group as an international standard. So this book is an ideal companion for enterprise IT or business architects in industry as well as for computer or management science students studying the field of enterprise architecture. Advancements in technology have allowed for the creation of new tools and innovations that can improve different aspects of life. These applications can be utilized across different technological platforms. Application Development and Design: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as software design, mobile applications, and web applications, this multi-volume book is ideally designed for researchers, academics, engineers, professionals, students, and practitioners interested in emerging technology applications.

Cloud Systems in Supply Chains explores the risks that could face supply chain firms if their implementation of cloud systems is not carefully managed or if not appropriately selected and supported. This volume aids supply chain firms in ensuring that their cloud system activities are positioned to assist and sustain their competitive advantages. It will also assist supply chain companies in avoiding unnecessary risks of implementation of cloud system that are not aligned with the supply chain firm's strategic plans.

This volume constitutes the proceedings of the 5th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling, held in Rostock, Germany, during November 7-8, 2012. The focus of the PoEM conference series is on improving the understanding of the practice of enterprise modeling by offering a forum for sharing experiences and knowledge between the academic community and practitioners from industry and the public sector. The 15 papers presented were carefully reviewed and selected from 45 submissions, and reflect different facets of enterprise modeling, including organizational and social issues as well as methodological and technical aspects. The papers are organized in five thematic sessions on enterprise modeling, business modeling, process modeling, enterprise architecture, and model-driven development.

This book is intended for people who are studying for the CAPMP and the PMP. It's formatted in the Outline Method, a common and effective method used for studying. It makes notes easy to scan for quick review, to read through and memorize. You'll get the key points needed to help pass the exam. This study guide is based on the 6th edition of the PMBOK

Features coverage of the service systems lifecycle, including service marketing, engineering, delivery, quality control, management, and sustainment Featuring an innovative and holistic approach, Service Science: The Foundations of Service Engineering and Management provides a new perspective of service research and practice. The book presents a practical approach to the service systems lifecycle framework, which aids in understanding and capturing market trends; analyzing the design and engineering of service products and delivery networks; executing service operations; and controlling and managing the service lifecycles for competitive advantage. Utilizing a combined theoretical and practical approach to discuss service science, Service Science: The Foundations of Service Engineering and Management features: Case studies to illustrate how the presented theories and design principles are

applied in practice to the definitions of fundamental service laws, including service interaction and socio-technical natures Computational thinking and system modeling such as abstraction, digitalization, holistic perspectives, and analytics Plentiful examples of service organizations such as education services, global project management networks, and express delivery services An interdisciplinary emphasis that includes integrated approaches from the fields of mathematics, engineering, industrial engineering, business, operations research, and management science A detailed analysis of the key concepts and body of knowledge for readers to master the foundations of service management Service Science: The Foundations of Service Engineering and Management is an ideal reference for practitioners in the contemporary service engineering and management field as well as researchers in applied mathematics, statistics, business/management science, operations research, industrial engineering, and economics. The book is also appropriate as a text for upper-undergraduate and graduate-level courses in industrial engineering, operations research, and management science as well as MBA students studying service management.

PMP Handbook with 10 Practice Tests covers each and everything based on PMBoK6. This book is consider as last minute study guide to revise your concepts before taking exam. Book also covers 1400 question as a practice with detailed explanation.

"This book focuses on providing readers a comprehensive understanding of the development cycle of enterprise service computing. Covered topics range from concept development, system design, modeling, and development technologies, to final deployment. Both theoretical research results and practical applications are provided"--Provided by publisher.

Innovation contributes to corporate competitiveness, economic performance and environmental sustainability. In the Internet era, innovation intelligence is transferred across borders and languages at an unprecedented rate, yet the ability to benefit from it seems to become more divergent among different corporations and countries. How much an organization can benefit from innovation largely depends on how well innovation is managed in it. Thus, there is a discernible increase in interest in the study of innovation management. This handbook provides a comprehensive guide to this subject. The handbook introduces the basic framework of innovation and innovation management. It also presents innovation management from the perspectives of strategy, organization and resource, as well as institution and culture. The book's comprehensive coverage on all areas of innovation management makes this a very useful reference for anyone interested in the subject.

The PMBOK® Guide–Sixth Edition – PMI's flagship publication has been updated to reflect the latest good practices in project management. New to the Sixth Edition, each knowledge area will contain a section entitled Approaches for Agile, Iterative and Adaptive Environments, describing how these practices integrate in project settings. It will also contain more emphasis on strategic and business knowledge—including discussion of project management business documents—and information on the PMI Talent Triangle™ and the essential skills for success in today's market. PLEASE NOTE: Some images in this book may be blurry, but the text provides the supporting description. This title is best viewed on devices with a larger screen area.

Lack of Agility is the kiss of death. Position your company to succeed in world of change. To edge out the competition in today's disruptive environment, you need to ensure that your company is agile—that it can respond to change instantly and effectively. Because fast and furious change is the only thing you can count on in business today. Network expert Michael Arena helped enable GM's legendary turnaround. In these pages, he explains how you can transform your own company through the concept of adaptive space. Based on hundreds of interviews and the author's own groundbreaking study of dozens of organizations spanning a variety of industries, Adaptive Space shows how to position your company for today—and for the future—by enabling creativity, innovation, and novel ideas to flow freely among teams, across departments, and throughout the company. Using GM as the main case study—along

with the stories of other highly adaptive organizations, like Apple, Amazon, Disney, and Gore—Arena provides a model you can follow to reinvent your company. It's about inspiring employees to explore new ideas, empowering the most creative people and teams to spread their ideas across the organization, and operationalizing the entrepreneurial spirit so adaptability is set in stone. Hesitation is a killer in today's business landscape. With Adaptive Space, you have everything you need to confront disruption with smart, confident actions and seize the valuable opportunities that come with change.

"This book covers a wide range of topics involved in the outsourcing of information technology through state-of-the-art collaborations of international field experts"--Provided by publisher. The 2009 Symposium on Component-Based Software Engineering (CBSE 2009) was the 12thin a series ofsuccessful eventsthat havegrowninto the main forum for industrial and academic experts to discuss component technology. Component-based software engineering (CBSE) has emerged as the under- ing technology for the assembly of ?exible software systems. In essence, CBSE is about composing computational building blocks to construct larger building blocks that ful?ll client needs. Most software engineers are involved in some form of component-based development. Nonetheless, the implications of CBSE adoption are wide-reaching and its challenges grow in tandem with its uptake, continuing to inspire our scienti?c speculation. Component-based development necessarily involves elements of software - chitecture, modular software design, software veri?cation, testing, con?guration and deployment. This year's submissions represent a cross-section of CBSE - search that touches upon all these aspects. The theoretical foundations of c- ponent speci?cation, composition, analysis, and veri?cation continue to pose research challenges. What exactly constitutes an adequate semantics for c- munication and composition so that bigger things can be built from smaller things? How can formal approaches facilitate predictable assembly through b- ter analysis? We have grouped the proceedings into two sub-themes that deal with these issues: component models and communication and composition. At the same time, the world is changing.

People currently live in a digital age in which technology is now a ubiquitous part of society. It has become imperative to develop and maintain a comprehensive understanding of emerging innovations and technologies. Information and Technology Literacy: Concepts, Methodologies, Tools, and Applications is an authoritative reference source for the latest scholarly research on techniques, trends, and opportunities within the areas of digital literacy. Highlighting a wide range of topics and concepts such as social media, professional development, and educational applications, this multi-volume book is ideally designed for academics, technology developers, researchers, students, practitioners, and professionals interested in the importance of understanding technological innovations.

"This book provide relevant theoretical frameworks covering the latest empirical research findings in the area of grid computing, with a critical perspective bridging the gap between academia and the latest achievements of the computer industry"--Provided by publisher.

Domain-driven design, extreme programming (XP), Scrum, and service-oriented architecture (SOA) are most widely accepted agile development practices. Today these agile development practices are combined with Design Thinking, Lean Startup, DevOps, microservice architecture (MSA), BizDevOps practices, etc. All these practices have a commonality. They all try to create the maximum value for the users of the software with minimal time and cost, and do so by releasing working software increments frequently to users, learn from the users' feedback and adapt the software

to their needs. So these all can be regarded agile development practices.This book helps you understand the essence of agile development. The essential characteristics include value proposition, continuous and Lean delivery, validated learning, and software engineering competency. The essential characteristics of agile development are not peculiar. They are indeed very generic characteristics of properly reengineered business processes. They adopted common process reengineering patterns such as concurrent engineering, empowerment, job enrichment, flattened organization, Lean production, upstream shift, self-service, etc.This book goes beyond conceptual discussions about the essence of agile development. It shows practical examples of activities, work products and techniques that can be employed to perform agile development. More importantly it shows engineering principles that should be followed in producing work products in agile development. The reader will see how de facto standard languages such as ArchiMate, BPMN, UML and SoaML and their supporting tools can be used for agile requirement analysis and agile architecture design. Metamodels are presented which specify the dependencies among various elements in the models in different languages. It is shown that by following the engineering principles depicted in the metamodels, the contents of all kinds of work products produced in agile development become consistent and traceable with each other, thus cutting down the errors and the rework that would otherwise have been caused by inconsistency and incorrect transformations among the work products.Agile development based on new application platforms in the cloud (called aPaaS) is also illustrated using real examples. The currently fastest way of performing agile development using the so-called low code development platforms (a.k.a., high-productivity aPaaS or BizDevOps platforms) is illustrated, too. The book introduces the reader to a recent standard published by OMG called Essence, which provides a kernel and a language to describe and enact software engineering methods. It is shown that the Essence can be used to manage an agile development project in an adaptive manner so that the project plan can be daily adjusted based on the observed state of the project. It is also shown that the Essence can be used to assemble various agile development practices (such as Design Thinking, agile modeling, agile architecture design, XP, Scrum, Lean Startup, etc.) into a coherent methodology for a specific program or project. The Value-Obsessed Lean Framework (VOLF) is presented as a framework with which an integrated agile development method can be composed for a specific program or project. The VOLF ensures that all elements in the method are consistent and traceable.One of the most important things to learn from this book is to understand what knowledge, skills, practices, techniques and tools software project team members need to be trained in and become capable of, in order to be successful in performing an agile development project. This book provides a very comprehensive insights into agile development. It will make you rethink about agile development as a business strategy and as a business process that help you survive and succeed through digital transformations.

This book constitutes the thoroughly refereed, selected papers on Cyber Security and Privacy EU Forum 2013, held in Belgium, in April 2013. The 14 revised full papers presented were carefully reviewed and selected from various submissions. The papers are organized in topical sections on cloud computing, security and privacy management, security and privacy technology, security and privacy policy.

Although the self-adaptability of systems has been studied in a wide range of disciplines, from biology to robotics, only recently has the software engineering community recognized its key role in enabling the development of self-adaptive systems that are able to adapt to internal faults, changing requirements, and evolving environments. The 15 carefully reviewed papers included in this state-of-the-art survey were presented at the International Seminar on "Software Engineering for Self-Adaptive Systems", held in Dagstuhl Castle, Germany, in October 2010. Continuing the course of the first book of the series on "Software Engineering for Self-Adaptive Systems" the collection of papers in this second volume comprises a research roadmap accompanied by four elaborating working group papers. Next there are two parts - with three papers each - entitled "Requirements and Policies" and "Design Issues"; part four of the book contains four papers covering a wide range of "Applications".

Effective and impartial public administration is the foundation of state legitimacy. This was understood 4,500 years ago when Urukagina, the ruler of a small country in Mesopotamia, proclaimed the first known reform of public service. The quality of public administration will be even more important in the 21st century. Successful states will be those that recognise public service as a key determinant of national competitive advantage. That realisation will generate a radical change in the image of the civil servant — from dull, uninspired public official to passionate advocate of the common good.This transformation will be the product of the complex challenges arising from the interweaving of globalisation with the '4th Industrial Revolution.' These and related developments are forcing governments around the world to search for public service that can respond to the unprecedented range of opportunities and threats emerging from a rapidly evolving international context. In an increasingly frenetic world ruled by 'Wicked Ostriches' and 'Black Elephants', governments require a civil service capable of achieving five outcomes: i) unlocking the creativity and collaborative spirit needed to solve complex problems; ii) overcoming the fallacy that the private sector is inherently more innovative and efficient than the public service; iii) developing societies that are perceived by their citizens as fair; iv) fostering the trust of citizens in their governments; and v) bolstering the legitimacy of the state.The author, who is Director of the United Nations Development Programme's Global Centre for Public Service Excellence in Singapore, suggests that these interconnected aims will result in a new phenomenon: the public recognition by political leaders and citizens that future prosperity, political stability, environmental sustainability and social cohesion are dependent on committed and creative civil servants passionate about promoting the long-term national interest.'I shall pass through this world but once. Any good therefore that I can do or any kindness that I can show to any human being, let me do it now. Let me not defer or neglect it, for I shall not pass this way again.'Mahatma Gandhi

NOTE: The book included the incorrect URL to access the online test banks provided with the purchase of this book. The correct URL is: www.wiley.com/go/sybextestprep. The ultimate PMP preparation and self-study experience, updated to align with the new PMBOK® Guide, 6th Edition The PMP: Project Management Professional Exam Study Guide, Ninth Edition, provides comprehensive review for the Project Management Institute's (PMI) PMP certification exam. This new ninth edition has been completely revised to align with the latest version of the exam, which includes new tasks that reflect changes to best practices, the role of the project manager, and the growing

importance of agile and other adaptive and iterative practices. Detailed discussion draws from the latest A Guide to the Project Management Body of Knowledge (PMBOK® Guide), 6th edition, to provide the most up-to-date information on critical topics, while hands-on exercises provide insight on real-world implementation. Receive one year of free access to the Sybex online interactive learning environment, to help you prepare with superior study tools, rigorous chapter tests, and two practice exams that allows you to gauge your readiness and avoid surprises on exam day. The PMP certification is arguably the most desired skill in the IT marketplace, but its reach extends into a variety of other industries. Candidates must have extensive project management experience to qualify, but comprehensive study materials, aligned with the PMBOK® Guide Sixth Edition, are essential to success on the exam. This study guide provides everything you need to ensure thorough preparation and full exam-day confidence. Study 100% of the objectives for the latest PMP exam Practice applying PMP concepts to real-world scenarios Test your understanding with comprehensive review questions Access online chapter tests, practice exams, electronic flashcards, and more Companies are demanding more of project managers than ever before: skills in technical management, leadership, strategic management, and business management make you more competitive, and the PMP exam reflects their increasing relevance in a rapidly-evolving field. When you're ready to take the next step for your career, the PMP: Project Management Professional Exam Study Guide, Ninth Edition, is your ideal companion for ultimate PMP preparation. To register for access to the online test banks included with the purchase of this book, please visit: www.wiley.com/go/sybextestprep.
"This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher.
This book details the foundations, new developments and methods, applications, and current challenges of systems engineering (SE). It provides key insights into SE as a concept and as an approach based on the holistic view on the entire lifecycle (requirements, design, production, and exploitation) of complex engineering systems, such as spacecraft, aircraft, power plants, and ships. Written by leading international experts, the book describes the achievements of the holistic, transdisciplinary approach of SE as state of the art both in research and practice using case study examples from originating at universities and companies such as Airbus, BAE Systems, BMW, Boeing, and COMAC. The reader obtains a comprehensive insight into the still existing challenges of the concept of SE today and the various forms in which SE is applied in a variety of areas.
Provides knowledge that forms the basis for successful co-engineering of the adaptive complex enterprise for services delivery.
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!

This book introduces the concept of software architecture as one of the cornerstones of software in modern cars. Following a historical overview of the evolution of software in modern cars and a discussion of the main challenges driving that evolution, Chapter 2 describes the main architectural styles of automotive software and their use in cars' software. Chapter 3 details this further by presenting two modern architectural styles, i.e. centralized and federated software architectures. In Chapter 4, readers will find a description of the software development processes used to develop software on the car manufacturers' side. Chapter 5 then introduces AUTOSAR - an important standard in automotive software. Chapter 6 goes beyond simple architecture and describes the detailed design process for automotive software using Simulink, helping readers to understand how detailed design links to high-level design.^The new chapter 7 reports on how machine learning is exploited in automotive software e.g. for image recognition and how both on-board and off-board learning are applied. Next, Chapter 8 presents a method for assessing the quality of the architecture - ATAM (Architecture Trade-off Analysis Method) - and provides a sample assessment, while Chapter 9 presents an alternative way of assessing the architecture, namely by using quantitative measures and indicators. Subsequently Chapter 10 dives deeper into one of the specific properties discussed in Chapter 8 - safety - and details an important standard in that area, the ISO/IEC 26262 norm. Lastly, Chapter 11 presents a set of future trends that are currently emerging and have the potential to shape automotive software engineering in the coming years. This book explores the concept of software architecture for modern cars and is intended for both beginning and advanced software designers.^It mainly aims at two different groups of audience - professionals working with automotive software who need to understand concepts related to automotive architectures, and students of software engineering or related fields who need to understand the specifics of automotive software to be able to construct cars or their components. Accordingly, the book

also contains a wealth of real-world examples illustrating the concepts discussed and requires no prior background in the automotive domain. Compared to the first edition, besides the two new chapters 3 and 7 there are considerable updates in chapters 5 and 8 especially.

The ITIL pocket guides of Van Haren Publishing are since long recognized as the industry classic guide on the topic of ITIL, in many languages. Over the years this authoritative guide has earned its place on the bookshelves and in the briefcases of industry experts as they implement best practices within their organizations. This pocket guide will provide readers with an understanding of the ITIL 4 service management framework, by: * understanding the key concepts of service management * understanding how the seven ITIL guiding principles can help an organization adopt and adapt service management * understanding the four dimensions of service management * understanding the purpose and components of the ITIL service value system * understanding the six activities of the service value chain, and how they interconnect * knowing the purpose and key terms of 15 of the 34 ITIL practices * understanding seven of these 15 ITIL practices in detail All exam requirements for the ITIL 4 Foundation exam are covered in this pocket guide. It also provides support for everyone who has knowledge of previous ITIL editions and is looking for a bridge to the new edition. ITIL 4 took a big leap into the modern world of IT service management, covering the latest principles and practices in a customer-focused, service-centric way, enabling Agile principles for maximum support of any business. Bron: Flaptekst, uitgeversinformatie.

This volume constitutes the refereed proceedings of the International Conferences, EL, DTA and UNESST 2012, held as part of the Future Generation Information Technology Conference, FGIT 2012, Kangwondo, Korea, in December 2012. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of education and learning, database theory and application and u- and e-service, science and technology.

Agile Service DevelopmentCombining Adaptive Methods and Flexible SolutionsSpringer Science & Business Media

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. Challenges in unpredictable markets, changing customer requirements, and advancing information technologies have lead to progression towards service oriented engineering and agile and lean software development. These prevailing approaches to software systems provide solutions to challenges in demanding business environments. Agile and Lean Service-Oriented Development: Foundations, Theory and Practice explores the groundwork of service-oriented and agile and lean development and the conceptual basis and experimental evidences for the combination of the two approaches.

Highlighting the best tools and guidelines for these developments in practice, this book is essential for researchers and practitioners in the software development and service computing fields.

Economies around the globe have evolved into being largely service-oriented economies. Consumers no longer just want a printer or a car, they rather ask for a printing service or a mobility service. In addition, service-oriented organizations increasingly exploit new devices, technologies and infrastructures. Agility is the ability to deal with such changing requirements and environments. Agile ways of working embrace change as a positive force and harness it to the organization's competitive advantage. The approach described in this book focuses on the notion of a service as a piece of functionality that offers value to its customers. Instead of solely looking at agility in the context of system or software development, agility is approached in a broader context. The authors illustrate three kinds of agility that can be found in an agile enterprise: business, process and system agility. These three types of agility reinforce each other and establish the foundation for the agile enterprise. Architecture, patterns, models, and all of the best practices in system development contribute to agile service development and building agile applications. This book addresses two audiences. On the one hand, it aims at agile and architecture practitioners who are looking for more agile ways of working in designing and building business services or who are interested in extending and improving their agile methods by using models and model-based architectures. On the other hand, it addresses students of (enterprise) architecture and software development or service science courses, both in computer science and in business administration.

A very practical publication that contains the knowledge of a large number of experts from all over the world. Being independent from specific frameworks, and selected by a large board of experts, the contributions offer the best practical guidance on the daily issues of the IT manager.

This first volume of the three-volume set (CCIS 1193, CCIS 1194, and CCIS 1195) constitutes the refereed proceedings of the First International Conference on Applied Technologies, ICAT 2019, held in Quito, Ecuador, in December 2019. The 124 full papers were carefully reviewed and selected from 328 submissions. The papers are organized according to the following topics: technology trends; computing; intelligent systems; machine vision; security; communication; electronics; e-learning; e-government; e-participation.

In the new world of work, agility is a business imperative. From small tech start-ups or large traditional companies, organizations need to be fast, flexible and digitally empowered to succeed. However, too many companies are stuck with siloed, compliance-driven HR processes that work in opposition to the business rather than supporting it. This results in the view that HR is slow and out of touch. However, Agile HR shows that this doesn't need to be the case. It is a practical guide written specifically for people professionals on how the HR function can develop agile processes and practices that save time, boost performance and support overall business goals. Covering every aspect of the HR function from people processes, ways of working and HR services to organization design, operating models and HR teams, Agile HR is an essential guide for all HR practitioners wanting to make their HR practices agile and drive business performance but don't know where to start. As well

as guidance on how to deal with resistance, manage a backlog and deal with constraints, there is also invaluable guidance on how HR can prioritize effectively and assess which activities to pursue, which to develop, which to rework and which to abandon in order to achieve continuous business improvement. Supported by case studies from organizations who have seen the benefits of an agile approach to HR including Sky Betting & Gaming and MUJI, this is critical reading for all HR professionals in organizations of any size needing to adopt fast, flexible and evolving agile approaches to effectively compete in the new world of work.

The five digital forces (mobility and pervasive computing, cloud, big data, artificial intelligence and robotics, and social media) are poised to bring great academic and industrial breakthroughs. All stakeholders want to understand how to best harness these forces to their advantage. While literature exists for understanding each force independently, there is a lack of knowledge on how to utilize all the forces together to realize future enterprises. Advanced Digital Architectures for Model-Driven Adaptive Enterprises is an essential reference source that explores the potential in unifying the five digital forces to achieve increased levels of agility, efficiency, and scale. Featuring coverage on a wide range of topics including socio-technical systems, adaptive architectures, and enterprise modeling, this book is ideally designed for managers, executives, programmers, designers, computer engineers, entrepreneurs, tool builders, digital practitioners, researchers, academicians, ands students at the graduate level.

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 management, quality management, and business analysis—to show you how to use this composite approach to enhance your ability to adapt and respond to evolving business requirements. The book is divided into three parts: Introduces Agility and identifies the challenges facing organizations in terms of development and maintenance approaches Presents Composite Agile Method and Strategy (CAMS) as a carefully constructed combination of process elements and illustrates its application to development, business management, business analysis, project management, and quality Includes two Agile case studies, a comprehensive index, definitions of key acronyms, and appendices with a current list of Agile methods and interview summaries The book describes relevant metrics for the entire CAMS lifecycle and explains how to embed Agile practices within formal process-maps in projects. Filled with figures, case studies, and tables that illustrate key concepts, the text is ideal for a two- or three-day training course or workshop. It is also suitable for a 13-week education course for higher degree students that includes process discussions and consideration of Agile values at both software and business levels. The chapters are organized to correspond roughly to such lectures with an option to choose from the case study chapters.

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