

PHP In Action Objects Design Agility Modern Software Practices For PHP

PHP in Action Test-Driven Database Development Test-Driven Database Development **Agile IT Organization Design** The Modern Data Warehouse in Azure **Unlocking Agility Principles of Agility Used in Modern Software Development** **Enterprise Agility The 6 Enablers of Business Agility** Core Knowledge in Orthopaedics: Foot and Ankle E-Book **Design Thinking** Business-Oriented Enterprise Integration for Organizational Agility Computational Intelligence in Design and Manufacturing **The Modern Data Warehouse in Azure** **Marshaling Technology for Development** **The Art of Agile Development** Operating Model Canvas **Lean UX** IBM Z Integration Guide for Hybrid Cloud **Objects of Design from the Museum of Modern Art** Vectored Propulsion, Supermaneuverability and Robot Aircraft How to Survive the Organizational Revolution Design and Evaluation of a Stochastic Optimal Feed-forward and Feedback Technology (SOFFT) Flight Control Architecture **Alpine** New Perspectives on Information Systems Modeling and Design Integrated Storytelling by Design **Cosmopolitan Radicalism** **Business Agility Organize for Complexity** Advanced Autonomous Vehicle Design for Severe Environments Design Science: Perspectives from Europe **Designing Software Intensive Products** **Team Topologies** **Scientific and Technical Aerospace Reports** The Modern Lean Enterprise Agile Processes in Software Engineering and Extreme Programming **Job and Work Design** **BUILDING a MODERN DATA CENTER** **Principles and Strategies of Design** Agility Right from the Start Designing Delivery

As recognized, adventure as with ease as experience not quite lesson, amusement, as without difficulty as harmony can be gotten by just checking out a books **PHP In Action Objects Design Agility Modern Software Practices For PHP** also it is not directly done, you could agree to even more more or less this life, re the world.

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Enterprise Agility Mar 19 2022 Enterprise Agility is practical framework for enhancing Agility and equipping your company with the tools to survive. Key Features Prepare your company to navigate the rapidly-moving

business world Enhance Agility in every component of your organization Build a framework that meets the unique requirements of your enterprise Book Description The biggest challenge enterprises face today is dealing with fast-paced change in all spheres of business.

Enterprise Agility shows how an enterprise can address this challenge head on and thrive in the dynamic environment. Avoiding the mechanistic construction of existing enterprises that focus on predictability and certainty, Enterprise Agility delivers practical advice for responding

and adapting to the scale and accelerating pace of disruptive change in the business environment. Agility is a fundamental shift in thinking about how enterprises work to effectively deal with disruptive changes in the business environment. The core belief underlying agility is that enterprises are open and living systems. These living systems, also known as complex adaptive systems (CAS), are ideally suited to deal with change very effectively. Agility is to enterprises what health is to humans. There are some foundational principles that can be broadly applied, but the definition of healthy is very specific to each individual. Enterprise Agility takes a similar approach with regard to agility: it suggests foundational practices to improve the overall health of the body—culture, mindset, and leadership—and the health of its various organs: people, process, governance, structure, technology, and customers. The book also suggests a practical framework to create a plan to enhance agility. What you will learn Drive agility-oriented change across the enterprise Understand why agility matters (more than ever) to modern enterprises Adopt and influence an Agile mindset in your teams and in your organization Understand the concept of a CAS and how to model enterprise and leadership behaviors on CAS characteristics to enhance enterprise agility Understand and convey the differences between Agile and true enterprise agility Create an enterprise-specific action plan to enhance agility Become a

champion for enterprise agility Recognize the advantages and challenges of distributed teams, and how Agile ways of working can remedy the rough spots Enable and motivate your IT partners to adopt Agile ways of working Who this book is for Enterprise Agility is a tool for anyone with the motivation to influence outcomes in an enterprise, who aspires to improve Agility. Readers from the following backgrounds will benefit: chief executive officer, chief information officer, people/human resource director, information technology director, head of change program, head of transformation, and Agile coach/consultant. How to Survive the Organizational Revolution Jan 05 2021 People face a bewildering choice of new organizational design options. New organizational forms are sweeping across businesses, now that information technology enables better communication, both internally and across boundaries. This book helps managers to navigate the new landscape, by providing a concise and practical overview of forms like holacracy, the Spotify-model, platform organizations, multidimensional organizing and ecosystems. It discusses these forms and provides a user guide, showing when they are effective and when to avoid them. Short insightful excursions explain how the organizational revolution affects issues like human resource management, the changing role of middle management, planning and control and self-organization. Finally, the book guides you through the question how to design

new forms and how to implement them. Practical examples and enlightening case studies show the struggles and successes you face in working in this new environment. Self-organized, dynamic and externally oriented structures replace hierarchical, predictable and internally oriented structures. The business unit and the matrix that dominated the twentieth century are making way for new forms of organizing. This book is the first complete overview of new organizational forms in the information economy. It is an indispensable guide to profit from the opportunities new organizational forms present.

Test-Driven Database Development Sep 25 2022 The practice of Test-Driven Development (TDD) has helped thousands of software developers improve quality, agility, productivity, and speed. In Test-Driven Database Development , Max Guernsey, III shows how to adapt TDD to achieve the same powerful benefits in database design and development. Guernsey first explains why TDD offers so much potential to database practitioners, and how to overcome obstacles such as the lack of conventional “testable classes.” You’ll learn how to use “classes of databases” to manage change more effectively; how to define testable database behaviors; how to maximize long-term maintainability by limiting a database’s current scope; and how to use “emergent design” to simplify future expansion. Building on this foundation, the

author guides you through implementing modern TDD processes and database refactoring. He presents practical techniques for improving legacy databases; for deviating from strict TDD when necessary; and for adapting TDD to applications that persist data in file systems, XML, or serialized objects. Guernsey shows how to

- Build a simple infrastructure to track and standardize scripts and databases
- Define a sustainable TDD process for database design
- Safely change a design without losing data
- Design new databases that are lighter, leaner, simpler, more testable, and easier to change
- Reduce design costs by eliminating duplication
- Gradually bring the benefits of TDD, agility, and modern design to legacy databases
- Remediate errors that find their way into database designs
- Isolate behaviors and avoid unwanted dependencies that cause tests to fail

With this book as a guide, you will learn how to apply the proven practice of TDD to your database needs, and organize and optimize your organization's data for a significant competitive advantage. Test-Driven Database Development is the newest title in the highly respected NetObjectives Lean-Agile Series.

Designing Software Intensive Products Feb 24 2020 This book guides the reader through a design process that was tested and optimized in companies and design bureaus. It not only smoothly integrates modern product development techniques, but also addresses, for each phase, issues related to the

management of intangible assets. There are several books on the product design process, as well as on the development of innovative products in general. However, none of them addresses how to integrate the engineering techniques with the necessary aspects of Intellectual Property Management. With a focus on software intensive products in general, the book presents a meta-process that adapts to product design in any area where the software element is an important factor in product functionality and innovation.

Alpine Nov 03 2020 In a graphic and artistic extension of the new model A110, this handsome volume celebrates the revival of the epic Alpine sports car. A veritable dialogue between the Alpine A110 sports car and the artists and writers who pay homage to it through photographs, art, and text, this book captures the model's sensual mechanics, masterful agility, and esprit de corps. The volume's exquisite binding features an exposed spine with blue stitching and a diagonal laser-cut window on the front cover. The guiding force behind Jean Rédélé's creation of the Alpine in 1955 was a love of the road and a passion for driving. Alpine's story is punctuated by competitions and the thrilling driving experience of this renowned car that was named after the sinuous roads of the Alps. After two decades of slumber, Alpine—fortified by its legendary backstory—was revived as the model A110 in the fall of 2017. Rooted in history but decidedly turned toward the future, the new

Alpine embodies higher performance, is more compact and agile than ever, and deftly combines ultra-contemporary design with classic French elegance.

[The Modern Data Warehouse in Azure](#) Jun 22 2022 Build a modern data warehouse on Microsoft's Azure Platform that is flexible, adaptable, and fast—fast to snap together, reconfigure, and fast at delivering results to drive good decision making in your business. Gone are the days when data warehousing projects were lumbering dinosaur-style projects that took forever, drained budgets, and produced business intelligence (BI) just in time to tell you what to do 10 years ago. This book will show you how to assemble a data warehouse solution like a jigsaw puzzle by connecting specific Azure technologies that address your own needs and bring value to your business. You will see how to implement Lambda architecture by combining batch ETL/ELT jobs using Azure Data Factory with streaming technologies such as EventHub and Azure Databricks. You will discover how to manage cleansing and transformation prior to serving your blended datasets up to queries arriving from Azure SQL Data Warehouse. And you will know how to build robust analytic solutions on Power BI and Azure Analysis Services to empower data-driven decision making that drives your business forward toward a pattern of success. This book teaches you how to employ the Azure platform in a strategy to dramatically improve

implementation speed and flexibility of data warehousing systems. You will know how to make correct decisions in design, architecture, and infrastructure such as choosing which type of SQL engine (from at least three options) best meets the needs of your organization. You also will learn about ETL/ELT structure and the vast number of accelerators and patterns that can be used to aid implementation and ensure resilience. Data warehouse developers and architects will find this book a tremendous resource for moving their skills into the future through cloud-based implementations. What You Will Learn Choose the appropriate Azure SQL engine for implementing a given data warehouse Develop smart, reusable ETL/ELT processes that are resilient and easily maintained Automate mundane development tasks through tools such as PowerShell Ensure consistency of data by creating and enforcing data contracts Explore streaming and event-driven architectures for data ingestion Create advanced staging layers using Azure Data Lake Gen 2 to feed your data warehouse Who This Book Is For Data warehouse or ETL/ELT developers who wish to implement a data warehouse project in the Azure cloud, and developers currently working in on-premise environments who want to move to the cloud, and for developers with Azure experience looking to tighten up their implementation and consolidate their knowledge

Design Thinking Dec 16 2021 Success, in both business and IT, is increasing dependent

on design thinking. This book provides an understanding of design, how "artistic" design can, and must complement, engineering design if contemporary design challenges are to be met. This book provides both a conceptual foundation and concrete practices; allowing any organization and any project or product to fully utilize the benefits of great design.

Job and Work Design Sep 20 2019 Examining recent innovations in manufacturing technologies techniques and philosophies and how these affect work design research and practice, 'Job and Work Design' looks at wider trends and describes possible implications for the whole organization.

IBM Z Integration Guide for Hybrid Cloud Apr 08 2021 Today, organizations are responding to market demands and regulatory requirements faster than ever by extending their applications and data to new digital applications. This drive to deliver new functions at speed has paved the way for a huge growth in cloud-native applications, hosted in both public and private cloud infrastructures. Leading organizations are now exploiting the best of both worlds by combining their traditional enterprise IT with cloud. This hybrid cloud approach places new requirements on the integration architectures needed to bring these two worlds together. One of the largest providers of application logic and data services in enterprises today is IBM Z, making it a critical service provider in a hybrid cloud architecture. The primary goal of this IBM Redpaper publication is to help IT

architects choose between the different application integration architectures that can be used for hybrid integration with IBM Z, including REST APIs, messaging, and event streams.

New Perspectives on Information Systems Modeling and Design Oct 02 2020 Information modeling plays an important role in every level of the enterprise information system's architecture. Modeling allows organizations to adapt and become more efficient, helping top managers and engineers outline tactics to reach strategic objectives, understand organizational needs, and design information systems that are aligned with business goals. *New Perspectives on Information Systems Modeling and Design* is an essential reference source that discusses organizational adaptation through the integration of new information technologies into existing processes and underlying supporting applications. Featuring research on topics such as application integration, change management, and mobile process activities, this book is ideally designed for managers, researchers, system developers, entrepreneurs, graduate-level students, business professionals, information system engineers, and academicians seeking coverage on emerging technological developments and practical solutions for system modeling and design.

Agility Right from the Start Jul 19 2019 *Agility Right From The Start* is the first training resource you should have and the last one

you'll need.

The Art of Agile Development Jul 11 2021

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.

Cosmopolitan Radicalism Jul 31 2020

Exploring visual culture, design and politics in 1960s Beirut, this compelling interdisciplinary study examines a critical period in Lebanon's history.

Agile Processes in Software Engineering and Extreme Programming Oct 22 2019 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.

Marshaling Technology for Development

Aug 12 2021 Recent technological advances, particularly in microelectronics and telecommunications, biotechnology, and advanced materials, pose critical challenges and opportunities for developing countries, and for the development banks and other organizations that serve them. Those countries that fail to adapt to the transformations driven by new technologies in industry, agriculture, health, environment, energy, education, and other sectors may find it difficult to avoid falling behind. This book represents a joint effort by the World Bank and the National Research Council to survey the status and effect of technology change in key sectors and to recommend action by the development organizations, government, private sector and the scientific and technological community.

The Modern Lean Enterprise Nov 22 2019 The book addresses a modern reorientation of Lean, abandoning the classical waste dogma that brings direct efficiency gains and substituting by a way to achieving indirect efficiency in a continuous and sustainable manner. Waste is the output of a process that cannot be of further use, while value is a matter of valuation,

a process whose output we conceive to be of further use. Value and waste are not antithetical, they are just not comparable issues. We achieve added value to the modern Lean Enterprise through synergies that bring sustainable economic benefits to the company. Such synergies use the complementarity theory developed by Milgrom and Roberts in 1990 on the principle that we can achieve maximal gains via the joint investment on complement activities and not investing. Complementarity is not something specific to Lean Enterprises; however, Lean Enterprises can benefit the most from such a concept. The reason is that Lean uses the principle of achieving more with less effort. Less effort does not mean the use of fewer resources, but the use of resources in a complementary way in order to achieve more, rather than using them. Complementarity is a feature by design. Complementarity by design will help modern Lean companies have an easier transition in the digital era and the new world of Industry 4.0. In this second edition, we have preserved the method of how to achieve Lean and have enhanced it to show how to move towards modern Lean within Industry 4.0 paradigm. However, if a company has not yet made the Lean step, there is no need to make that step first before yielding the benefits. Technology is the key. Modern Lean Enterprise strengthens out of the old paradigm into the new one of Industry 4.0. Because of evolution, such an enterprise achieves optimal technological complementarity necessary for

synergies that sustain increasing profits.

Unlocking Agility May 21 2022 Practical Guidance and Inspiration for Launching, Sustaining, or Improving Any Agile Enterprise Transformation Initiative As long-time competitive advantages disappear, astute executives and change agents know they must achieve true agile transformation. In *Unlocking Agility*, Jorgen Hesselberg reveals what works, what doesn't, and how to overcome the daunting obstacles. Distilling 10+ years of experience leading agile transformation in the enterprise, Hesselberg guides you on jumpstarting change, sustaining momentum, and executing superbly on customer commitments as you move forward. He helps you identify appropriate roles for consultants, optimize organizational structures, set realistic expectations, and measure against them. He shares first-hand accounts from pioneering transformation leaders at firms including Intel, Nokia, Salesforce.com, Spotify, and many more.

- Balance building the right thing, the right way, at the right speed
- Design a holistic transformation strategy using five dimensions of agility: Technology, Organizational Design, People, Leadership, and Culture
- Promote agile skills, knowledge, and abilities throughout your workforce
- Incorporate powerful leadership models, including Level 5, Teal, and Beyond Budgeting
- Leverage business agility metrics to affect norms and change organizational culture
- Establish your Agile Working Group, the engine of agile

transformation • Define operating models and strategic roadmaps for unlocking agility, and track your progress You already know agile transformation is essential. Now, discover how to customize your strategy, execute on it in your environment, and achieve it.

BUILDING a MODERN DATA CENTER Principles and Strategies of Design Aug 20 2019

Computational Intelligence in Design and Manufacturing Oct 14 2021 Take the next step in Integrated Product and Process Development This pioneering book is the first to apply state-of-the-art computational intelligence techniques to all phases of manufacturing system design and operations. It equips engineers with a superior array of new tools for optimizing their work in Integrated Product and Process Development. Drawing on his extensive experience in the field of advanced manufacturing, Andrew Kusiak has masterfully embedded coverage of data mining, expert systems, neural networks, autonomous reasoning techniques, and other computational methods in chapters that cover all key facets of integrated manufacturing system design and operations, including: * Process planning * Setup reduction * Production planning and scheduling * Kanban systems * Manufacturing equipment selection * Group technology * Facilities and manufacturing cell layout * Warehouse layout * Manufacturing system product and component design * Supplier evaluation Each chapter includes questions and

problems that address key issues on model integration and the use of computational intelligence approaches to solve difficulties across many areas of an enterprise. Examples and case studies from real-world industrial projects illustrate the powerful application potential of the computational techniques. Comprehensive in scope and flexible in approach, *Computational Intelligence in Design and Manufacturing* is right in step with the enterprise of the future: extended, virtual, model-driven, knowledge-based, and integrated in time and space. It is essential reading for forward-thinking students and professional engineers and managers working in design systems, manufacturing, and related areas.

The 6 Enablers of Business Agility Feb 18 2022 Adopting the latest agile tools and practices won't be enough to respond to rapid market change. Leaders must first lay the groundwork by creating the right environment for these tools to work. Many managers struggle to install the underlying organizational operating system for business agility. High-performing agile organizations depend on the strength of six key enabling factors: leadership, culture, structure, people, governance, and ways of working. This book explains why these factors are important and how they work together to increase organizational agility. Real-world examples, stories, and tools will help leaders get realistic about the scope of changes needed in their organizations and show them how to get started. Karim Harbott

does not offer a book of recipes. Instead, he focuses on mindset, principles, and general patterns. This book summarizes of the most important factors in increasing organizational agility and why they work, which leaders will need to consider in a so-called agile transformation. Because every organization is different, each will have its own route to agility and high performance. Managers will need to tackle all the areas that are crucial to creating an environment in which any chosen approach can work.

Objects of Design from the Museum of Modern Art Mar 07 2021 The book's 341 color plates, arranged in nine thematic sections, reveal the huge variety of aesthetic and conceptual viewpoints in design since the late nineteenth century and together trace the historical development of modern design as well as that of the Museum's celebrated design collection. The volume's authoritative texts include a preface by Terence Riley, The Philip Johnson Chief Curator of Architecture and Design at the Museum, and an introductory essay by Curator Paola Antonelli. The lavish plate section is enriched by numerous brief texts by these and other curators in the Architecture and Design department, which illuminate the entire course of modern design, its major styles, and its individual masterpieces. *Objects of Design* is the second in a series of three volumes on the holdings of the department, the first of which, *Envisioning Architecture*, surveys the Museum's

extraordinary architecture drawings.

Organize for Complexity May 29 2020 A book about complexity and work - and about how to deal productively with both. A condensed introduction to the theory and practice of organizational high performance. A manifesto for contemporary leadership and profound transformation in organizations of all kinds. 2nd edition. Now with a bonus chapter! "Boldly, Pflaeging dissects classic management theory and in a well-humored manner, offers coherent alternatives." Harvard Business Review "Niels Pflaeging is the father of the end of management." Winfried Felser, competence-site "When Pflaeging shakes the dogmas of management, they crumble in his hands." Financial Times Germany "Niels Pflaeging is always right up front, where the new in business is getting measured and mapped." Peter Felixberger, changeX [Business-Oriented Enterprise Integration for Organizational Agility](#) Nov 15 2021 "This book explores technical integration challenges with a focus on identifying a viable solution on how to enable rich, flexible, and responsive information links, in support of the changing business operations across organizations"-- Provided by publisher.

Lean UX May 09 2021 Lean UX is synonymous with modern product design and development. By combining human-centric design, agile ways of working, and a strong business sense, designers, product managers, developers, and scrum masters around the world are making

Lean UX the leading approach for digital product teams today. In the third edition of this award-winning book, authors Jeff Gothelf and Josh Seiden help you focus on the product experience rather than deliverables. You'll learn tactics for integrating user experience design, product discovery, agile methods, and product management. And you'll discover how to drive your design in short, iterative cycles to assess what works best for businesses and users. Lean UX guides you through this change-for the better. Facilitate the Lean UX process with your team with the Lean UX Canvas Ensure every project starts with clear customer-centric success criteria Understand the role of designer on a agile team Write and contribute design and experiment stories to the backlog Ensure that design work takes place in every sprint Build product discovery into your team's "velocity"

[Design Science: Perspectives from Europe](#) Mar 27 2020 This book constitutes the refereed proceedings of the European Design Science Symposium, EDSS 2012 held in Leixlip, Ireland, in December 2012 which was held in conjunction with the Intel European Research and Innovation Conference, ERIC 2012. The 14 papers (4 invited papers and 10 full papers) presented were carefully reviewed and selected from various submissions. The papers cover the following topics: software, formal logic, rigorous mathematics, informal natural language descriptions.

PHP in Action Oct 26 2022 To keep

programming productive and enjoyable, state-of-the-art practices and principles are essential. Object-oriented programming and design help manage complexity by keeping components cleanly separated. Unit testing helps prevent endless, exhausting debugging sessions. Refactoring keeps code simple and readable. PHP offers all this—and more. PHP in Action shows you how to apply PHP techniques and principles to all the most common challenges of web programming, including: Web presentation and templates User interaction including the Model-View-Controller architecture Input validation and form handling Database connection and querying and abstraction Object persistence Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Scientific and Technical Aerospace Reports

Dec 24 2019

Operating Model Canvas Jun 10 2021 The journey from strategy to operating success depends on creating an organization that can deliver the chosen strategy. This book, explaining the Operating Model Canvas, shows you how to do this. It teaches you how to define the main work processes, choose an organization structure, develop a high-level blueprint of the IT systems, decide where to locate and how to lay out floor plans, set up relationships with suppliers and design a management system and scorecard with which to run the new organization. The Operating

Model Canvas helps you to create a target operating model aligned to your strategy. The book contains more than 20 examples ranging from large multi-nationals to government departments to small charities and from an operating model for a business to an operating model for a department of five people. The book describes more than 15 tools, including new tools such as the value chain map, the organization model and the high-level IT blueprint. Most importantly, the book contains two fully worked examples showing how the tools can be used to develop a new operating model. This book should be on the desk of every consultant, every strategist, every leader of transformation, every functional business partner, every business or enterprise architect, every Lean expert or business improvement champion, in fact everyone who wants to help their organization be successful. Additional content can be found on the website for the Operational Model Canvas:

www.operatingmodelcanvas.com

Agile IT Organization Design Jul 23 2022

Design IT Organizations for Agility at Scale Aspiring digital businesses need overall IT agility, not just development team agility. In *Agile IT Organization Design*, IT management consultant and ThoughtWorks veteran Sriram Narayan shows how to infuse agility throughout your organization. Drawing on more than fifteen years' experience working with enterprise clients in IT-intensive industries, he introduces an agile approach to "Business-IT

Effectiveness" that is as practical as it is valuable. The author shows how structural, political, operational, and cultural facets of organization design influence overall IT agility—and how you can promote better collaboration across diverse functions, from sales and marketing to product development, and engineering to IT operations. Through real examples, he helps you evaluate and improve organization designs that enhance autonomy, mastery, and purpose: the key ingredients for a highly motivated workforce. You'll find "close range" coverage of team design, accountability, alignment, project finance, tooling, metrics, organizational norms, communication, and culture. For each, you'll gain a deeper understanding of where your organization stands, and clear direction for making improvements. Ready to optimize the performance of your IT organization or digital business? Here are practical solutions for the long term, and for right now. Govern for value over predictability Organize for responsiveness, not lowest cost Clarify accountability for outcomes and for decisions along the way Strengthen the alignment of autonomous teams Move beyond project teams to capability teams Break down tool-induced silos Choose financial practices that are free of harmful side effects Create and retain great teams despite today's "talent crunch" Reform metrics to promote (not prevent) agility Evolve culture through improvements to structure, practices, and leadership—and careful, deliberate

interventions

Integrated Storytelling by Design Sep 01 2020

This pioneering work equips you with the skills needed to create and design powerful stories and concepts for interactive, digital, multi-platform storytelling and experience design that will take audience engagement to the next level. Klaus Sommer Paulsen presents a bold new vision of what storytelling can become if it is reinvented as an audience-centric design method. His practices unlock new ways of combining story with experience for a variety of existing, new and upcoming platforms. Merging theory and practice, storytelling and design principles, this innovative toolkit instructs the next generation of creators on how to successfully balance narratives, design and digital innovation to develop strategies and concepts that both apply and transcend current technology. Packed with theory and exercises intended to unlock new narrative dimensions, Integrated Storytelling by Design is a must-read for creative professionals looking to shape the future of themed, branded and immersive experiences.

Principles of Agility Used in Modern

Software Development

Apr 20 2022 Seminar paper from the year 2022 in the subject Computer Science - Software, grade: 2.0, International University of Applied Sciences Bad Honnef - Bonn, language: English, abstract: The rapid pace of digitalisation is not only affecting our everyday lives, but also the world of work. The advantage of digitalization

in the industry is seen as the fourth industrial revolution and called "Industry 4.0". This industrial revolution started at the end of the 20th century and facilitated the intelligent monitoring and decision processes and is still evolving. With the great benefits for companies, it does also bring major restructuring and challenges. The industrial processes develop increasingly agile and complex. To manage such complex structures, new methods were needed. The new demands on project management were speed, flexibility, dynamism, and customer proximity. With rising software demands these projects were very difficult to manage with the hitherto prevailing plan-driven management methods, due to the complexity and uncertainty during these project processes. To still be able to handle such complex and uncertain projects, different agile project management methods were developed. The approaches are classified if they meet specific requirements. The term agile management is an umbrella term for different approaches that meet specific requirements like the values and principles of the agile manifesto. One of the agile approaches is the scrum method, developed by Ken Schwaber and Jeff Sutherland in the 80s. This method has its name origin in the sport of rugby. Scrum in rugby is a situation, which is formed, when the forwards of both teams are in a tight formation and try to dominate the possession of the ball. To win the ball possession, the forwards of a team must work agile and, in a team, to get

their goal. The process of scrum project management is used as a framework, in which the team has to functions self-organized to reach their goal. This framework is characteristic for its iterative process making it suitable for projects in which many unforeseen changes may occur. The goal of this case study is to explain the scrum method and plan-driven method more in detail and analyse the importance and advantages of the agile management method with the help of an exemplary project and lastly compare the agile method with a plan-driven management method.

Designing Delivery Jun 17 2019 Now that we're moving from a product economy to a digital service economy, software is becoming critical for navigating our everyday lives. The quality of your service depends on how well it helps customers accomplish goals and satisfy needs. Service quality is not about designing capabilities, but about making—and keeping—promises to customers. To help you improve customer satisfaction and create positive brand experiences, this pragmatic book introduces a transdisciplinary approach to digital service delivery. Designing a resilient service today requires a unified effort across front-office and back-office functions and technical and business perspectives. You'll learn how make IT a full partner in the ongoing conversations you have with your customers. Take a unique customer-centered approach to the entire service delivery lifecycle Apply this

perspective across development, operations, QA, design, project management, and marketing Implement a specific quality assurance methodology that unifies those disciplines Use the methodology to achieve true resilience, not just stability

The Modern Data Warehouse in Azure Sep 13 2021 Build a modern data warehouse on Microsoft's Azure Platform that is flexible, adaptable, and fast—fast to snap together, reconfigure, and fast at delivering results to drive good decision making in your business. Gone are the days when data warehousing projects were lumbering dinosaur-style projects that took forever, drained budgets, and produced business intelligence (BI) just in time to tell you what to do 10 years ago. This book will show you how to assemble a data warehouse solution like a jigsaw puzzle by connecting specific Azure technologies that address your own needs and bring value to your business. You will see how to implement a range of architectural patterns using batches, events, and streams for both data lake technology and SQL databases. You will discover how to manage metadata and automation to accelerate the development of your warehouse while establishing resilience at every level. And you will know how to feed downstream analytic solutions such as Power BI and Azure Analysis Services to empower data-driven decision making that drives your business forward toward a pattern of success. This book teaches you how to employ the Azure

platform in a strategy to dramatically improve implementation speed and flexibility of data warehousing systems. You will know how to make correct decisions in design, architecture, and infrastructure such as choosing which type of SQL engine (from at least three options) best meets the needs of your organization. You also will learn about ETL/ELT structure and the vast number of accelerators and patterns that can be used to aid implementation and ensure resilience. Data warehouse developers and architects will find this book a tremendous resource for moving their skills into the future through cloud-based implementations. What You Will Learn Choose the appropriate Azure SQL engine for implementing a given data warehouse Develop smart, reusable ETL/ELT processes that are resilient and easily maintained Automate mundane development tasks through tools such as PowerShell Ensure consistency of data by creating and enforcing data contracts Explore streaming and event-driven architectures for data ingestion Create advanced staging layers using Azure Data Lake Gen 2 to feed your data warehouse Who This Book Is For Data warehouse or ETL/ELT developers who wish to implement a data warehouse project in the Azure cloud, and developers currently working in on-premise environments who want to move to the cloud, and for developers with Azure experience looking to tighten up their implementation and consolidate their knowledge

Business Agility Jun 29 2020 The relentless

pursuit of industrial efficiency no longer yields the profits it once did because it requires a level of business predictability that no longer exists. Instead, the Internet and global video and telecom systems provide a massive and continuous flow of data that causes the whole world to behave like a giant stock market, with all the volatility and uncertainty that goes along with such markets. Responsiveness now trumps efficiency. By being responsive to the evolving needs and desires of specific groups of customers, companies can wrap their products and services in a tailored blanket of value-added services to consistently earn an additional four percent or more gross margin than they would otherwise earn for the product or service alone. This customer and market specialization is the most promising and the most sustainable source of profits in our fluid, real-time economy. Part of the Microsoft Executive Leadership Series, *Business Agility* discusses the three fundamental process loops that drive an agile enterprise and how they work together to deliver the responsiveness that generates profits in a high-change economy. Providing strategies for innovative and pragmatic use of people, process, and technology to drive operations in an agile enterprise, this book reveals the principles of the agile enterprise, backed by real-world case studies from the author's own experience. Michael Hugos is a speaker, writer, and practitioner in IT and business agility, and agile system development methods. He writes a

column for Computerworld and a blog titled "Doing Business in Real Time" for CIO magazine.

[Design and Evaluation of a Stochastic Optimal Feed-forward and Feedback Technology \(SOFFT\) Flight Control Architecture](#) Dec 04 2020

Team Topologies Jan 25 2020 In Team Topologies DevOps consultants Matthew Skelton and Manuel Pais share secrets of successful team patterns and interactions to help readers choose and evolve the right team patterns for their organization, making sure to keep the software healthy and optimize value streams. Team Topologies will help readers discover:

- Team patterns used by successful organizations.
- Common team patterns to avoid with modern software systems.
- When and why to use different team patterns
- How to evolve teams effectively.
- How to split software and align to teams.

[Core Knowledge in Orthopaedics: Foot and Ankle E-Book](#) Jan 17 2022 The latest techniques and advances in the field ... cutting-edge clinical and surgical knowledge ... a clear, bulleted format ... it all adds up to the fully revised 2nd Edition of Core Knowledge in Orthopaedics: Foot and Ankle. Perfect for exam review or in preparation for rotations or a challenging clinical case, this easy-to-use resource is designed for busy orthopaedic residents and fellows as well as practitioners who want a quick review of the foot and ankle. Brings you fully up to date with current

techniques and advances in the area of foot and ankle, including new developments in orthotics, ankle fractures, Achilles injuries, and more. Features a new, full-color design throughout, plus new chapters on Hallux Rigidus and Sesamoid Pathology and Osteochondral Lesions of Talus. Presents new and fully revised information in a bulleted, templated format, with summary tables that help you find and retain key information. Includes key facts for quick review and selected references for further reading in every chapter. Shares the knowledge and experience of two experts in the field, Drs. Justin K. Greisberg and J. Turner Vosseller.

[Vectored Propulsion, Supermaneuverability and Robot Aircraft](#) Feb 06 2021 This book is designed to fill a professional vacuum in the new field of advance, high-angle, vectored stealth aircraft. The subject matter presented in the volume has never before been investigated and presented as a unified field of study because it covers entirely new fields and because specialized fragments of this unified field are scattered throughout literature in specific problems. The book is of interest to aeronautical and mechanical engineers, electrical and control engineers, aerospace industry, USAF, US Navy, NASA, pilots and instructors.

Advanced Autonomous Vehicle Design for Severe Environments Apr 27 2020 Classical vehicle dynamics, which is the basis for manned ground vehicle design, has exhausted its

potential for providing novel design concepts to a large degree. At the same time, unmanned ground vehicle (UGV) dynamics is still in its infancy and is currently being developed using general analytical dynamics principles with very little input from actual vehicle dynamics theory. This technical book presents outcomes from the NATO Advanced Study Institute (ASI) 'Advanced Autonomous Vehicle Design for Severe Environments', held in Coventry, UK, in July 2014. The ASI provided a platform for world class professionals to meet and discuss leading-edge research, engineering accomplishments and future trends in manned and unmanned ground vehicle dynamics, terrain mobility and energy efficiency. The outcomes of this collective effort serve as an analytical foundation for autonomous vehicle design. Topics covered include: historical aspects, pivotal accomplishments and the analysis of future trends in on- and off-road manned and unmanned vehicle dynamics; terramechanics, soil dynamic characteristics, uncertainties and stochastic characteristics of vehicle-environment interaction for agile vehicle dynamics modeling; new methods and techniques in on-line control and learning for vehicle autonomy; fundamentals of agility and severe environments; mechatronics and cyber-physics issues of agile vehicle dynamics to design for control, energy harvesting and cyber security; and case studies of agile and inverse vehicle dynamics and vehicle systems design, including optimisation of suspension and

driveline systems. The book targets graduate students, who desire to advance further in leading-edge vehicle dynamics topics in manned and unmanned ground vehicles, PhD students continuing their research work and building advanced curricula in academia and industry, and researchers in government agencies and private companies.

Test-Driven Database Development Aug 24 2022 The only complete, proven, start-to-finish blueprint for successful 'just-in-time' agile database development! * *Knowledge virtually every agile shop needs, because nearly all of them must build and run databases *New agile approaches to ensuring that databases are consistent and stable in fast-changing environments, and test-driving designs to identify problems upfront, when they're cheaper to fix *Based on author Max Guernsey

III's pioneering NetObjectives course in database agility. Design and build truly agile databases that can be changed frequently, safely, and painlessly, no matter how much existing data they must manage! With this book, you'll finally get past old-fashioned 'batch-and-queue' database development, and construct a truly agile database development environment that works! Pioneering agile database expert Max Guernsey III combines a complete foundation of theoretical knowledge with concrete examples and real solutions to the impediments that have prevented database developers from going agile. Guernsey especially shows how to adapt agile principles to handle massive amounts of existing data that makes database change more difficult. Test-Driven Database Development is based on the

training curricula for the author's pioneering NetObjectives course, Database Agility Online Training, which has helped hundreds of database professionals master critical technical skills for designing databases that can be changed frequently, safely, and painlessly. Reflecting his immense experience with agile database development, Guernsey helps you make sure all databases and data remain consistent in agile environments; ensure stability no matter how fast databases change; and test-drive designs to find and fix errors before they're 'baked into' the system. This book will be an invaluable resource for virtually every database analyst and DBA in agile organizations; for many database team, project, and group managers; and for even more agile development team members in organizations that rely on large and complex databases.