A Gentle Introduction To Lean Software Development Lean Software Development Agile Software Development Kanban Lean Software Architecture Lean Software Strategies Poppendieck

Thank you very much for downloading **A Gentle Introduction To Lean Software Development Lean Software Development Agile Software Development Kanban Lean Software Architecture Lean Software Strategies Poppendieck** . As you may know, people have search hundreds times for their chosen books like this A Gentle Introduction To Lean Software Development Lean Software Development Agile Software Development Kanban Lean Software Architecture Lean Software Strategies Poppendieck , but end up in infectious downloads. Rather than enjoying a good book with a cup of tea in the afternoon, instead they juggled with some harmful bugs inside their computer.

A Gentle Introduction To Lean Software Development Lean Software Development Agile Software

Development Kanban Lean Software Architecture Lean Software Strategies Poppendieck is available in our digital library an online access to it is set as public so you can download it instantly. Our book servers spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Merely said, the A Gentle Introduction To Lean Software Development Lean Software Development Agile Software Development Kanban Lean Software Architecture Lean Software Strategies Poppendieck is universally compatible with any devices to read

Adapting Configuration Management for Agile Teams - Mario E. Moreira 2010-04-15
Adapting Configuration Management for Agile Teams provides very tangible approaches on how Configuration Management with its practices and infrastructure can be adapted and managed in order to directly benefit agile teams. Written by Mario E. Moreira, author of Software Configuration Management Implementation Roadmap, columnist for CM Crossroads online community and writer for the Agile Journal, this unique book provides concrete guidance on tailoring CM for Agile projects without sacrificing the principles of Configuration Management.

Les méthodologies de l'équipe agile - Thomas Thiry 2019-02-21
Ce livre aborde l'agilité et ses défis de façon concrète, illustrée par des situations vécues. Toutes les méthodologies liées à l'agilité y sont expliquées : scrum, extreme programming, lean software development, kanban, livraison continue, devops, lean startup ainsi que les projets au forfait agiles et l'agilité à grande échelle. Plus qu'un guide pour organiser une équipe agile, cet ouvrage détaille également

l'approche technique à suivre pour obtenir de véritables résultats. Ce livre s'adresse à toute personne amenée à travailler dans une équipe agile : scrum master, product owner, développeur, testeur, coach, ... afin que tous partagent la même compréhension complète des principes et pratiques de l'agilité et puissent la mettre en oeuvre avec impact.

Everything you want to know about Agile - Jamie Lynn Cooke 2012-04-04

Руководство к своду знаний по управлению проектами (Руководство PMBOK®). Шестое издание. Agile: практическое руководство - Коллектив авторов 2022-05-17

«Публикуемые Институтом управления проектами (Project Management Institute, Inc., сокращенно PMI) стандарты и руководства, к числу которых принадлежит и данный документ, разработаны согласно процессу разработки стандартов на основе добровольного участия и общего консенсуса. В ходе такого процесса объединяются усилия волонтеров и/или сводятся воедино замечания и мнения лиц, заинтересованных в предмете, которому посвящено данное издание. Хотя PMI администрирует этот процесс и устанавливает правила, гарантирующие непредвзятость при достижении консенсуса, PMI не занимается написанием документа, а также независимым тестированием, оценкой и проверкой точности или полноты материала, содержащегося в издаваемых PMI стандартах и руководствах. Подобным же образом, PMI не занимается проверкой обоснованности мнений, высказанных в этих документах...»

Lean Architecture - James O. Coplien 2011-01-06 More and more Agile projects are seeking architectural roots as they struggle with complexity and scale - and they're seeking lightweight ways to do it Still seeking? In this book the authors help you to find your own path

Taking cues from Lean development, they can help steer your project toward practices with longstanding track records Up-front architecture? Sure. You can deliver an architecture as code that compiles and that concretely guides development without bogging it down in a mass of documents and guesses about the implementation Documentation? Even a whiteboard diagram, or a CRC card, is documentation: the goal isn't to avoid documentation, but to document just the right things in just the right amount Process? This all works within the frameworks of Scrum, XP, and other Agile approaches

Lean-Agile Software Development - Alan Shalloway 2009-10-22
Agile techniques have demonstrated immense potential for developing more effective, higher-quality software. However,scaling these techniques to the enterprise presents many challenges. The solution is to integrate the principles and practices of Lean Software Development with Agile's ideology and methods. By doing so, software organizations leverage Lean's powerful capabilities for "optimizing the whole" and managing complex enterprise projects. A combined "Lean-Agile" approach can dramatically improve both developer productivity and the software's business value.In this book, three expert Lean software consultants draw from their unparalleled experience to gather all the insights, knowledge, and new skills you need to succeed with Lean-Agile development. Lean-Agile Software Development shows how to extend Scrum processes with an Enterprise view based on Lean principles. The authors present crucial technical insight into emergent design, and demonstrate how to apply it to make iterative development more effective. They also identify several common development "anti-patterns" that can work against your goals, and they offer actionable, proven alternatives. Lean-Agile Software Development shows how to Transition

to Lean Software Development quickly and successfully Manage the initiation of product enhancements Help project managers work together to manage product portfolios more effectively Manage dependencies across the software development organization and with its partners and colleagues Integrate development and QA roles to improve quality and eliminate waste Determine best practices for different software development teams The book's companion Web site, www.netobjectives.com/lasd, provides updates, links to related materials, and support for discussions of the book's content.

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) — Sixth Edition and Agile Practice Guide (ENGLISH) - Project Management Institute Project Management Institute 2017-09-11
To support the broadening spectrum of project delivery approaches, PMI is offering A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition along with the new Agile Practice Guide as one package.The PMBOK® Guide – Sixth Edition now contains detailed information about agile; while the Agile Practice Guide, created in partnership with Agile Alliance®, serves as a bridge to connect waterfall and agile. Together they are a powerful tool for project managers.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 TriangleTM and the essential skills for success in today's market.Agile Practice Guide has been developed as a resource to understand, evaluate, and use

agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

eXtreme Programming - Daniel Wildt 2015-08-14
Por que projetos falham? Comunicação insatisfatória com o cliente, um empurra a culpa para o outro, tempo desperdiçado, falta de testes e retrabalho... Estas são cenas corriqueiras em um time de desenvolvimento de software. E qual a solução? Neste livro, Daniel Wildt, Dionatan Moura, Guilherme Lacerda e Rafael Helm mostrarão que na verdade não se trata de um único método, mas de um conjunto de práticas que, se bem combinadas, complementam-se em uma sinergia que envolve tanto os membros de dentro do time como o contato destes com o cliente. Conheça práticas de eXtreme Programming e, tendo como base princípios ágeis, desenvolva seus principais valores: comunicação, feedback, simplicidade, coragem e respeito.

Understanding the Lean Enterprise - Andrea Chiarini 2015-07-10
This publication is in collaboration with the University of Buckingham and is the result of a combined research and review process carried out by the three Editors who belongs to the University of Ferrara, Italy, the University of Buckingham, UK and Swansea University, UK. The book deepens the debate about the lean enterprise from both an academic and a professional management perspective. It thus provides the reader with a sound understanding of the modern lean enterprise and its current evolution. A range of innovative topics are

covered, with individual chapters addressing the combinations of lean with hoshin kanri, green management, IT, organizational learning, flow accounting, system thinking, problem solving, internationalization aspects, luxury industry, and product innovation. Since the term "lean" first entered contemporary operations management language in 1990 to describe a set of practices proven to deliver superior performance over mass production systems, the lean approach to waste reduction and value generation has moved from vehicle production to other manufacturing sectors. It has reshaped the support functions of manufacturing businesses and has evolved from private industry into the public sector. Lean thinking is now a dominant model of operations management and has brought with it a new language and toolbox.

Gentle Introduction to Dependent Types With Idris - Boro Sitnikovski 2018-09-07
Dependent types are a powerful concept that allow us to write proof-carrying code. Idris is a programming language that supports dependent types. We will learn about the mathematical foundations, and then write correct software and mathematically prove properties about it.This book aims to be accessible to novices, and no prior experience beyond high school mathematics is needed. Thus, this book is written in a way to be self-contained.The first part of this book serves as an introduction to the theory behind Idris, while the second part is a practical introduction to Idris with examples.
Software Engineering for Resilient Systems - Anatoliy Gorbenko 2013-09-12
This book constitutes the refereed proceedings of the 5th International Workshop on Software Engineering for Resilient Systems, SERENE 2013, held in Kiev, Ukraine, in October 2013. The 13 revised full papers were carefully reviewed and selected from 21 submissions. The papers are organized in topical sections on resilient software and design, rigorous reasoning, applications, concepts, and analysis.

Agile Practice Guide - Project Management Institute 2018-06-11
BUKU AGILE akan memandu Anda menjalankan bisnis atau mengelola perusahaan sehingga bersifat agile/bergerak cepat. Sehingga peluang bisa cepat ditangkap, waktu dan biaya lebih efektif, dan kesetiaan pelanggan/klien terus terjaga.Dilengkapi dengan beragam contoh, petunjuk praktik, dan studi kasus, dan diciptakan dengan masukan dari para ahli terkemuka di bidang-bidang yang menerapkan agile, Panduan Praktik Agile adalah alat penting yang dapat Anda gunakan untuk memimpin organisasi Anda meraih hasil yang sukses. Buku persembahan Republika Penerbit [Republika, bukurepublika, Penerbit Republika, management]

Modern Systems Programming with Scala Native - Richard Whaling 2020-01-23
Access the power of bare-metal systems programming with Scala Native, an ahead-of-time Scala compiler. Without the baggage of legacy frameworks and virtual machines, Scala Native lets you re-imagine how your programs interact with your operating system. Compile Scala code down to native machine instructions; seamlessly invoke operating system APIs for low-level networking and IO; control pointers, arrays, and other memory management techniques for extreme performance; and enjoy instant start-up times. Skip the JVM and improve your code performance by getting close to the metal. Developers generally build systems on top of the work of those who came before, accumulating layer upon layer of abstraction. Scala Native provides a rare opportunity to remove layers. Without the JVM, Scala Native uses POSIX and ANSI C APIs to build concise, expressive programs that run unusually close to bare metal. Scala Native compiles Scala code down to native machine instructions instead of JVM bytecode. It starts up fast, without the sluggish warm-up phase that's common for just-in-time compilers. Scala Native programs can

seamlessly invoke operating system APIs for low-level networking and IO. And Scala Native lets you control pointers, arrays, and other memory layout types for extreme performance. Write practical, bare-metal code with Scala Native, step by step. Understand the foundations of systems programming, including pointers, arrays, strings, and memory management. Use the UNIX socket API to write network client and server programs without the sort of frameworks higher-level languages rely on. Put all the pieces together to design and implement a modern, asynchronous microservice-style HTTP framework from scratch. Take advantage of Scala Native's clean, modern syntax to write lean, high-performance code without the JVM. What You Need: A modern Windows, Mac OS, or Linux system capable of running Docker. All code examples in the book are designed to run on a portable Docker-based build environment that runs anywhere. If you don't have Docker yet, see the Appendix for instructions on how to get it.

Agile Practice Guide (Simplified Chinese) - 2018-05-07

Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

Agile Practice Guide (Hindi) - 2019-08-05
Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and

provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

Agile Practice Guide (German) - 2018-05-21 Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

A Gentle Introduction to Lean Software Development - Stephen Haunts 2017-12-20 Discover what is involved with Lean Software Development and Kanban so that you can more efficiently deliver software to your customers Incorporating Lean Manufacturing and Lean IT principles and practices are essential to delivering software to your customers quickly and easily. This book, A Gentle Introduction to Lean Software Development, will help you understand how the lean principles can be applied to software development, Lean Software Architecture and Lean Software Strategies, so that you can more efficiently deliver software to your customers. In this book you will learn about... Lean Manufacturing Lean Software Development Applying Lean Software Development? Agile Software Development vs. Lean Software Development Software Practices to Support Lean Kanban About the Author Stephen Haunts is an experienced software developer with a focus on Microsoft .NET

technologies and security for back-end enterprise systems. Stephen is also a Pluralsight Author, blogger at www.stephenhaunts.com, writer and international conference speaker at events like NDC London, NDC Oslo, NDC Sydney, Techorama and SDD Conf. Stephen also runs a user group called Derbyshire Dot Net in the UK.

Scaling Scrum Across Modern Enterprises - Cecil Rupp 2020-08-31
Establish business agility in your organization by applying industry-proven scaling strategies from popular Scrum frameworks such as Scrum of Scrums (SoS), Scrum@Scale, Nexus, Large-Scale Scrum (LeSS), Disciplined Agile, and SAFe Key FeaturesLearn how to be Agile at scale by implementing best practicesUnderstand how Lean-Agile practices are incorporated in Disciplined Agile and the Scaled Agile Framework (SAFe)Customize Scrum and Lean-Agile practices to support portfolio and large product development needsBook Description

Scaled Scrum and Lean-Agile practices provide essential strategies to address large and complex product development challenges not addressed in traditional Scrum. This Scrum/Lean-Agile handbook provides a comprehensive review and analysis of industry-proven scaling strategies that enable business agility on an enterprise scale. Free of marketing hype or vendor bias, this book helps you decide which practices best fit your situation. You'll start with an introduction to Scrum as a lightweight software development framework and then explore common approaches to scaling it for more complex development scenarios. The book will then guide you through systems theory, lean development, and the application of holistic thinking to more complex software and system development activities. Throughout, you'll learn how to support multiple teams working in collaboration to develop large and complex products and explore how to manage cross-team integration, dependency, and synchronization

issues. Later, you'll learn how to improve enterprise operational efficiency across value creation and value delivery activities, before discovering how to align product portfolio investments with corporate strategies. By the end of this Scrum book, you and your product teams will be able to get the most value out of Agile at scale, even in complex cyber-physical system development environments. What you will learnUnderstand the limitations of traditional Scrum practicesExplore the roles and responsibilities in a scaled Scrum and Lean-Agile development environmentTailor your Scrum approach to support portfolio and large product development needsApply systems thinking to evaluate the impacts of changes in the interdependent parts of a larger development and delivery systemScale Scrum practices at both the program and portfolio levels of managementUnderstand how DevOps, test automation, and CI/CD capabilities help in scaling Scrum practicesWho this book is for

Executives, product owners, Scrum masters, development team members, and other stakeholders who need to learn how to scale Agile to support large, complex projects and large enterprise portfolios and programs will find this book useful. A basic understanding of the values and principles of Agile and the Scrum-based framework for Agile development practices is required before you get started with this Agile Scrum book.

Agile Service Development - Marc Lankhorst 2012-04-23
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.

Scrumban - Essays on Kanban Systems for Lean Software Development - Corey Ladas 2009-01-01 Corey Ladas' groundbreaking paper "ScrumBan" has captured the imagination of the software development world. Scrum and agile methodologies have helped software development teams organize and become more efficient. Lean methods like kanban can extend these benefits. Kanban also provides a powerful mechanism to identify process improvement opportunities. This book covers some of the metrics and day-to-day management techniques that make continuous improvement an achievable outcome in the real world. ScrumBan the book provides a series of essays that give practitioners the background needed to create more robust practices combining the best of agile and lean.

Agile Practice Guide (Spanish) - 2018-05-07
Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

Les pratiques de l'équipe agile - Thomas Thiry 2022-09-19
Ce livre aborde l'agilité et ses défis de façon concrète, illustrée par des situations vécues. Toutes les méthodologies liées à l'agilité y sont expliquées : scrum, extreme programming, lean software development, kanban, livraison continue, devops, lean startup ainsi que les projets agiles au forfait et l'agilité à grande échelle. Plus qu'un guide pour organiser une équipe agile, cet ouvrage détaille également l'approche technique à suivre pour obtenir de véritables résultats. Cette seconde édition traite de nouveaux sujets, en particulier l'agilité en temps de télétravail. Ce livre s'adresse à toute personne amenée à travailler dans une équipe agile : scrum master, product owner, développeur, testeur, coach, ... afin que tous partagent la même compréhension complète des principes et pratiques de l'agilité et puissent la mettre en oeuvre avec impact.

Driving DevOps with Value Stream Management - Cecil 'Gary' Rupp 2021-08-31
A practical guide to implementing Value Stream Management to guide your strategic investments in DevOps capabilities and deliver customer-centric value quickly and economically Key FeaturesAddress DevOps implementation issues, including culture, toolchain costs, improving work and information flows, and product team

alignmentImplement proven VSM methodology to improve IT value stream flowsLeverage VSM platforms to view, analyze, and improve end-to-end value deliveryBook Description Value Stream Management (VSM) opens the door to maximizing your DevOps pipeline investments by improving flows and eliminating waste. VSM and DevOps together deliver value stream improvements across enterprises for a competitive advantage in the digital world. Driving DevOps with Value Stream Management provides a comprehensive review and analysis of industry-proven VSM methods and tools to integrate, streamline, and orchestrate activities within a DevOps-oriented value stream. You'll start with an introduction to the concepts of delivering value and understand how VSM methods and tools support improved value delivery from a Lean production perspective. The book covers the complexities of implementing modern CI/CD and DevOps pipelines and then guides you through an eight-step VSM methodology with the help of a use case showing an Agile team's efforts to install a CI/CD pipeline. Free from marketing hype or vendor bias, this book presents the current VSM tool vendors and customer use cases that showcase their products' strengths. As you advance through the book, you'll learn four approaches to implementing a DevOps pipeline and get guidance on choosing the best fit. By the end of this VSM book, you'll be ready to develop and execute a plan to streamline your software delivery pipelines and improve your organization's value stream delivery. What you will learnIntegrate Agile, systems thinking, and lean development to deliver customer-centric valueFind out how to choose the most appropriate value stream for your initial and follow-on VSM projectsEstablish better flows with integrated, automated, and orchestrated DevOps and CI/CD pipelinesApply a proven eight-step VSM methodology to drive lean IT value stream improvementsDiscover the key

strengths of modern VSM tools and their customer use case scenariosUnderstand how VSM drives DevOps pipeline improvements and value delivery transformations across enterprisesWho this book is for This book will help corporate executives, managers, IT team members, and other stakeholders involved in digital business transformations to improve the flow of customer value through their IT-based value streams. It will provide you with the practical guidance you need while adopting Lean-Agile, Value Stream Management, and DevOps capabilities on an enterprise scale to enable business agility. A basic understanding of how CI/CD and DevOps pipelines improve software delivery capabilities via integrated and automated toolchains will help you to make the most of the book.

The Power of the Agile Business Analyst, second edition - Jamie Lynn Cooke 2018-06-11
Now in its second edition, The Power of the Agile Business Analyst has expanded to include new Agile methods that have emerged or gained prominence since the first edition. Buy this book to learn how to revolutionise your Agile development and increase the value and relevancy of your project outcomes.Learn 30 realistic, achievable ways that an Agile business analyst can increase project efficiency, add value and improve quality.Find out how an Agile business analyst bridges the gap between the needs of the business and the resources of the development team.Now updated with current Agile methods, to support emerging and established business analysts to adapt to new trends. 30 ways an Agile business analyst can help Drawing on her extensive experience, Jamie proposes a new role for Agile projects: The Agile business analyst. She details 30 achievable ways that such a role will increase relevance, quality and overall business value, and provide business users with crucial support. The Agile business analyst is also a boon to the development team, being a ready source of business knowledge and

ensuring that project outcomes align with requirements. This book has been updated to: Incorporate behaviour-driven development into the work that the business analyst does to support interface design;Align the programme management strategies of the Scaled Agile Framework (SAFe) to encourage cross-organisational communication and participation;Include full updates throughout the Qualifications section in 'Getting the Right Agile Business Analyst for Your Team'; andProvide Agile updates, bringing the book back into line with current methods. Support your Agile business user for better project outcomes.

Five Lines of Code - Christian Clausen 2021-10-26
Improving existing code--refactoring--is one of the most common tasks you''ll face as a programmer. Five Lines of Code teaches you clear and actionable refactoring rules that you can apply without relying on intuitive judgements such as "code smells." It''s written for working developers, guiding you step by step through applying refactoring patterns to the codebase of a 2D puzzle game. Following the author''s expert perspective--that refactoring and code smells can be learned by following a concrete set of principles--you''ll learn when to refactor your code, what patterns to apply to what problem, and the code characteristics that indicate it''s time for a rework. Thanks to this hands-on guide, you''ll find yourself programming faster while still delivering high-quality code that your teammates will love to work with. about the technology Refactoring is a fact of life. All code is imperfect, and refactoring is a systematic process you can use to improve the quality of your codebase. Whatever your architecture, choice of OO language, or skill as a programmer, the continuous design improvements of refactoring make your code simpler, more readable, and less prone to bugs. You''ll be amazed at the productivity boost of adding refactoring to your code hygiene routine-

-it''s quicker to hammer out bad code and then improve it than spending hours writing good code in the first place! about the book Five Lines of Code teaches working developers the shortcuts to quality code. You''ll follow author Christian Clausen''s unique approach to teaching refactoring that''s focused on concrete rules, and getting any method down to five lines or less to implement! There''s no jargon or tricky automated-testing skills required, just easy guidelines and patterns illustrated by detailed code samples. Chapter by chapter you''ll put techniques into action by refactoring a complete 2D puzzle game. Before you know it, you''ll be making serious and tangible improvements to your codebase. what''s inside The symptoms of bad code The extracting method, introducing strategy pattern, and many other refactoring patterns Modifying code safely, even when you don''t understand it Writing stable code that enables change-by-addition Proper compiler practices Writing code that needs no comments

Real-world practices for great refactoring about the reader For developers who know an object-oriented programming language. about the author Christian Clausen works as a Technical Agile Coach teaching teams how to properly refactor their code. Previously he worked as a software engineer on the Coccinelle semantic patching project, an automated refactoring tool. He has an MSc in computer science, and five years'' experience teaching software quality at a university level.

Kanban in Action - Joakim Sunden 2014-02-18 Summary Kanban in Action is a down-to-earth, no-frills, get-to-know-the-ropes introduction to kanban. It's based on the real-world experience and observations from two kanban coaches who have introduced this process to dozens of teams. You'll learn the principles of why kanban works, as well as nitty-gritty details like how to use different color stickies on a kanban board to help you organize and track your work items. About the Book Too much work and too little

time? If this is daily life for your team, you need kanban, a lean knowledge-management method designed to involve all team members in continuous improvement of your process. Kanban in Action is a practical introduction to kanban. Written by two kanban coaches who have taught the method to dozens of teams, the book covers techniques for planning and forecasting, establishing meaningful metrics, visualizing queues and bottlenecks, and constructing and using a kanban board. Written for all members of the development team, including leaders, coders, and business stakeholders. No experience with kanban is required. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside How to focus on work in process and finish faster Examples of successful implementations How team members can make informed decisions About the Authors Marcus Hammarberg is a kanban coach and software developer with experience in BDD, TDD, Specification by Example, Scrum, and XP. Joakim Sundén is an agile coach at Spotify who cofounded the first kanban user groups in Europe. Table of Contents PART 1 LEARNING KANBAN Team Kanbaneros gets startedPART 2 UNDERSTANDING KANBAN Kanban principles Visualizing your work Work items Work in process Limiting work in process Managing flow PART 3 ADVANCED KANBAN Classes of service Planning and estimating Process improvement Using metrics to guide improvements Kanban pitfalls Teaching kanban through games

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.

Agile Practice Guide (Italian) - 2018-05-07 È disponibile supporto sia per gli approcci di Project Management tradizionali che agili per raggiungere risultati del progetto di successo. Il Project Management Institute (PMI) ha stretto una collaborazione con Agile Alliance® per sviluppare la Guida alle Pratiche dell'Agile.La Guida alle Pratiche dell'Agile fornisce strumenti, linee guida situazionali e una comprensione dei vari approcci agili disponibili, per facilitare il raggiungimento di risultati migliori. Questa guida pratica è essenziale per chiunque desideri apprendere di più sugli approcci agili, ma è particolarmente utile per i Project Manager abituati a lavorare in un ambiente più tradizionale e che desiderano adattarsi a un approccio più agile. È appositamente studiata per l'uso di pari passo con la pubblicazione principale del PMI, Guida al Project Management Body of Knowledge (Guida PMBOK®) - Sesta edizione.Ricca di esempi, suggerimenti e casi di studio, e creata grazie all'input di importanti esperti nel campo delle pratiche dell'agile, la Guida alle Pratiche dell'Agile è uno strumento essenziale da utilizzare per guidare la propria organizzazione verso il successo.

What Drives Quality - Ben Linders 2017-09-30

With plenty of ideas, suggestions, and practical cases on software quality, this book will help you to improve the quality of your software and to deliver high-quality products to your users and satisfy the needs of your customers and stakeholders. Many methods for product quality improvement start by investigating the problems, and then work their way back to the point where the problem started. For instance audits and root cause analysis work this way. But what if you could prevent problems from happening, by building an understanding what drives quality, thus enabling to take action before problems actually occur? What Drives Quality explores how quality plays a role in all of the software development activities. It takes a deep dive into quality by listing the relevant factors of development and management activities that drive the quality of software products. It provides a lean approach to quality by analyzing the full development chain from customer requests to delivering products to users. I'm aiming this book at software developers and testers, architects, product owners and managers, agile coaches, Scrum masters, project managers, and operational and senior managers who consider quality to be important. A book on quality should be practical. It should help you, the reader of this book, to improve the quality of your software and deliver better products. It should inspire you and give you energy to persevere on your quality journey. What drives quality tries to do just that, and more. This book is based on my experience as a developer, tester, team leader, project manager, quality manager, process manager, consultant, coach, trainer, and adviser in Agile, Lean, Quality and Continuous Improvement. It takes a deep dive into quality with views from different perspectives and provides ideas, suggestions, practices, and experiences that will help you to improve quality of the products that your organization is delivering. This book views software quality from an engineering,

management, and social perspective. It explores the interaction between all involved in delivering high-quality software to users and provides ideas to do it quicker and at lower costs.

Agile Productivity Unleashed - Jamie Lynn Cooke 2014-04-01
In this new edition of her award-winning book, Jamie Lynn Cooke reveals the secrets of the Agile methodologies that have revolutionized the way that many of the world's most successful companies operate. Written for business professionals and managers, the book explains the core principles of Agile, shows why these approaches work, and demonstrates how to use Agile to significantly increase productivity, quality, and customer satisfaction in any industry.

Agile Practice Guide (Korean) - 2018-05-07
Agile Practice Guide – First Edition has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

Testing Software and Systems - Hüsnü Yenigün 2013-10-30
This book constitutes the refereed proceedings of the 25th IFIP WG 6.1 International Conference on Testing Software and Systems, ICTSS 2013, held in Istanbul, Turkey, in November 2013. The 17 revised full papers presented together with 3 short papers were carefully selected from 68 submissions. The papers are organized in topical sections on model-based testing, testing timed and concurrent systems, test suite selection and effort estimation, tools and languages, and

debugging.

A Gentle Introduction to Agile and Lean Software Development - Stephen Haunts 2018-02-12

Discover what is involved with Agile and Lean Software Development, Scrum, Extreme Programming, Lean and Kanban Learning new software development processes can be difficult, but switching to Agile and Lean doesn't need to be complicated. Explore the theories behind Agile and Lean Software Development, and learn how to make it work for you. In a Gentle Introduction to Agile and Lean Software Development, author Stephen Haunts will guide you to a fuller understanding of Agile, Scrum, Extreme Programming, Lean, and Kanban. You will learn about the advantages and disadvantages, and how to get the most out of it. In this book you will learn... Introduction Waterfall Development and its Problems What is Agile? Common Agile Misconceptions and Mistakes Advantages and Disadvantages Extreme Programming (XP) Scrum Lean Manufacturing Lean Software Development Applying Lean Software Development? Agile Software Development vs. Lean Software Development Software Practices to Support Lean Kanban About the Author Stephen Haunts has been a professional software and applications developer since 1996 and as a hobby since he was 10. Stephen has worked in many different industries including computer games, online banking, retail finance, healthcare & pharmaceuticals and insurance. Stephen started programming in BASIC on machines such as the Dragon 32, Vic 20 and the Amiga and moved onto C and C++ on the IBM PC. Stephen has been developing software in C# and the .NET framework since first being introduced to it in 2003. As well as being an accomplished software developer, Stephen is also an experienced development leader and has led, mentored and coached teams to deliver many high-value, high-impact solutions in finance and

healthcare. Outside of Stephen's day job, he is also an experienced tech blogger who runs a popular blog called Coding in the Trenches at http: //www.stephenhaunts.com/, and he is also a training course author for the popular online training company Pluralsight. Stephen also runs several open source projects including SafePad, Text Shredder, Block Encryptor, and Smoke Tester-the post-deployment testing tool.

PRINCE2 Agile An Implementation Pocket Guide - Jamie Lynn Cooke 2016

PRINCE2 Agile: An Implementation Pocket Guide is an official AXELOS-licensed guide that explains the PRINCE2 Agile framework in clear business language with practical guidance on how to implement this framework for any project in your organisation. It is ideal for those who need a readily available reference source to supplement the official AXELOS PRINCE2 Agile guide.

A Gentle Introduction to Social Engineering Attack and Prevention - Stephen Haunts

2018-05-02
Should that delivery man be walking around the office unattended? Has someone just asked you to hold the door and you don't recognise them? Do you trust that person trying to befriend you in the bar next to the office? These are all potential social engineering plays against you by professional criminals. Social engineering is one of the biggest threats to our organizations today. Social engineers use manipulation techniques to coerce people into revealing secrets about our companies to allow attackers to gain access to critical systems. In this book, we will look at some of the techniques used in social engineering and look at how to guard yourself against them. We will cover subjects like: Information gathering Pretexting Elicitation Manipulation Personal mitigation techniques Corporate mitigation techniques About the Author Stephen Haunts is an experienced software developer with a focus on Microsoft .NET technologies and security for back-end

enterprise systems. Stephen is also a Pluralsight Author, blogger at www.stephenhaunts.com, writer and international conference speaker at events like NDC London, NDC Oslo, NDC Sydney, Techorama and SDD Conf. Stephen also runs a user group called Derbyshire Dot Net in the UK.

Systems Engineering for Microscale and Nanoscale Technologies - M. Ann Garrison Darrin 2016-04-19
To realize the full potential of micro- and nanoscale devices in system building, it is critical to develop systems engineering methodologies that successfully integrate stand-alone, small-scale technologies that can effectively interface with the macro world. So how do we accomplish this?Systems Engineering for Microscale and Nanoscale Technologie
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.

Agile: An Executive Guide - Jamie Lynn Cooke 2016-03-22
Agile: An Executive Guide describes Agile methods in clear business language specifically written for professionals. It will help you make realistic business-driven decisions on whether Agile methods are appropriate for your organisation; whether you are looking to reduce your IT overheads, provide better software

solutions to your clients, or have more control over your IT expenditures. This guide provides practical, proven ways to introduce, incorporate and leverage Agile methods to maximise your business returns.

Work Item Management with IBM Rational ClearQuest and Jazz - David E. Bellagio 2011-06-13

The Complete Guide to Managing Work Items and Workflow with IBM® Rational® ClearQuest® and IBM Rational Team Concert™ Work items are the lifeblood of software and hardware development. They tell development teams exactly who is doing what, which issues are resolved, which remain unresolved, and which products are impacted. In large, team-based projects, however, managing work items can be difficult. Now, two IBM Rational experts show how to simplify and improve every aspect of work item management with IBM Rational ClearQuest and the powerful and collaborative Jazz™-based products: IBM Rational Team Concert (RTC) and IBM Rational Quality Manager. Drawing on extensive experience with IBM customers, the authors tightly link theory with proven best practices, offering implementation guidance, detailed examples, and complete solutions. They present innovative solutions, introduce advanced customization techniques, and walk step-by-step through every phase of workflow development, from requirements through maintenance. They conclude with a full chapter of sample applications and solutions, ranging from Collaborative Application Lifecycle Management to SLAs. Coverage includes Understanding work items and their elements Using work items for changes, tasks, activities, test plans, test cases, risks, builds, and promotion Implementing best practices for work item application planning, analysis, design, development, testing, deployment, and maintenance Describing workflows, including advanced dynamic workflows Incorporating roles in work items and

using them to meet business needs Using ClearQuest packages and custom integrations, and making the most of Jazz platform integration technology Getting the most of out the CQ-ALM schema Implementing effective quality and performance metrics, SLAs, and governance Improving test management with IBM Rational Quality Manager work items Creating effective workflows for Scrum and other Agile projects **Using Liberty for DevOps, Continuous Delivery, and Deployment** - Sebastian Carrizo 2015-11-06
This IBM® Redbooks® publication provides an example approach for an agile IT team to implement DevOps capabilities in their software delivery of a Java application. We introduce several tools that show how teams can achieve transparency, traceability, and automation in their application lifecycle to all of the stakeholders to deliver a high-quality application that meets its initial requirements. The application that is built highlights the composable and dynamic nature of the Liberty run time. The Liberty run time helps developers to get their applications up and running quickly by using only the programming model features that are required for their applications. The target audience for this book is IT developers, IT managers, IT architects, project managers, test managers, test developers, operations managers, and operations developers.