

Product Owner Ibm

Every product owner faces a complex and unique set of challenges within their team. This provides each individual the opportunity to fill the role with different ambitions, skills, and insights. Your product ownership journey can take a variety of paths, and *The Art of Agile Product Ownership* is here to be your guide. Author Allan Kelly, who delivers Agile training courses to major companies, pulls from his experience to help you discover what it takes to be a successful product owner. You will learn how you need to define your role within a team and how you can best incorporate ownership with strategy. With the Agile method, time is the key factor, and after using the lessons from this book you will confidently be able to synthesize features, functionality, and scope against delivery. You will find out how other team members such as the UX designer and business analyst can support and enhance your role as product owner, and how every type of company structure can adapt for optimal agility. *The Art of Agile Product Ownership* is a beacon for current product owners, programmers who are ready to take the next step towards ownership, and analysts transitioning into the product space. This book helps you determine for yourself the best way to fill the product owner role so that you utilize your unique combination of skills. Product ownership is central to a successful Agile team, and after reading this book, you will be more than ready for the challenge. **What You Will Learn**
Explores activities the product owner needs to do in order to write good and valuable user stories
Identifies skills product owners can learn from product managers and business analysts
Demonstrates how to make decisions based on business and customer demand rather than technical needs and feasibility
Who This Book Is For This is a book for anyone

becoming a product owner: developers and programmers, who, after some years at the code-face, are ready to step up to the next stage to own the product that they have been coding. Business Analysts and Product Managers who see themselves transitioning into the a product owner role will find value in this book in understanding their new role and how the work is the same and how it is different

In twenty years, China's expenditures for research and development will surpass those of the United States, a trend that epitomizes nationalistic ambitions to regain intellectual prestige for a country that had once invented paper and gunpowder. Tens of billions of dollars have been poured into a new technology superstructure as China seeks to transform its economy from a crippling reliance on manufacturing outsourcing. Cloud computing represents a dynamic foundation for the new superstructure that can foster the growth of a socio-capitalistic ecosystem, creating a new class of green exports in the form of highly sophisticated software and services. With Cloud computing, China is seeking to establish a new Silk Road, where its cultural products will once again change the world.

IBM® zEnterprise® Data Compression (zEDC) capability and the Peripheral Component Interconnect Express (PCIe or PCI Express) hardware adapter called zEDC Express were announced in July 2013 as enhancements to the IBM z/OS® V2.1 operating system (OS) and the IBM zEnterprise EC12 (zEC12) and the IBM zEnterprise BC12 (zBC12). zEDC is optimized for use with large sequential files, and uses an industry-standard compression library. zEDC can help to improve disk usage and optimize cross-platform exchange of data with minimal effect on processor usage. The first candidate for such compression was the System Management Facility (SMF), and support for basic sequential access method (BSAM) and queued sequential access

method (QSAM) followed in first quarter 2014. IBM software development kit (SDK) 7 for z/OS Java, IBM Encryption Facility for z/OS, IBM Sterling Connect:Direct® for z/OS and an IBM z/VM® guest can also use zEDC Express. zEDC can also be used for Data Facility Storage Management Subsystem data set services (DFSMSdss) dumps and restores, and for DFSMS hierarchical storage manager (DFSMSHsm) when using DFSMSdss for data moves. This IBM Redbooks® publication describes how to set up the zEDC functionality to obtain the benefits of portability, reduced storage space, and reduced processor use for large operational sets of data with the most current IBM System z® environment.

Delve into the world of real-world financial applications using deep learning, artificial intelligence, and production-grade data feeds and technology with Python Key Features Understand how to obtain financial data via Quandl or internal systems Automate commercial banking using artificial intelligence and Python programs Implement various artificial intelligence models to make personal banking easy Book Description Remodeling your outlook on banking begins with keeping up to date with the latest and most effective approaches, such as artificial intelligence (AI). Hands-On Artificial Intelligence for Banking is a practical guide that will help you advance in your career in the banking domain. The book will demonstrate AI implementation to make your banking services smoother, more cost-efficient, and accessible to clients, focusing on both the client- and server-side uses of AI. You'll begin by understanding the importance of artificial intelligence, while also gaining insights into the recent AI revolution in the banking industry. Next, you'll get hands-on machine learning experience, exploring how to use time series analysis and reinforcement learning to automate client procurements and banking and finance

decisions. After this, you'll progress to learning about mechanizing capital market decisions, using automated portfolio management systems and predicting the future of investment banking. In addition to this, you'll explore concepts such as building personal wealth advisors and mass customization of client lifetime wealth. Finally, you'll get to grips with some real-world AI considerations in the field of banking. By the end of this book, you'll be equipped with the skills you need to navigate the finance domain by leveraging the power of AI. What you will learn Automate commercial bank pricing with reinforcement learning Perform technical analysis using convolutional layers in Keras Use natural language processing (NLP) for predicting market responses and visualizing them using graph databases Deploy a robot advisor to manage your personal finances via Open Bank API Sense market needs using sentiment analysis for algorithmic marketing Explore AI adoption in banking using practical examples Understand how to obtain financial data from commercial, open, and internal sources Who this book is for This is one of the most useful artificial intelligence books for machine learning engineers, data engineers, and data scientists working in the finance industry who are looking to implement AI in their business applications. The book will also help entrepreneurs, venture capitalists, investment bankers, and wealth managers who want to understand the importance of AI in finance and banking and how it can help them solve different problems related to these domains. Prior experience in the financial markets or banking domain, and working knowledge of the Python programming language are a must. The authoritative guide to DAD, IBM's disciplined approach to applying agile practices in enterprise scale projects. Integrate enterprise discipline with powerful, widely-used agile practices into a proven solution for the entire software lifecycle. Scale agile strategies for complex development

challenges, without compromising agile's advantages.

A guide to XP leads the developer, project manager, and team leader through the software development planning process, offering real world examples and tips for reacting to changing environments quickly and efficiently.

Software product management and pricing are key success factors for any organization providing software, be it a software company or an organization responsible for software in a company that belongs to a different industry. After defining the term "software product" and looking at the business and organizational sides, the core elements of software product management and pricing are discussed.

Recommendations are given on how to deal with these elements depending on different types of organizations and products in order to achieve the long-term success.

Actionable tools, processes and metrics for successfully managing innovation projects Conventional project management methods are oftentimes insufficient for managing innovation projects. Innovation is lost under the pre-determined scope and forecasted environments of traditional project management. There is tremendous pressure on organizations to innovate, and the project managers responsible for managing these innovation projects do not have the training or tools to do their jobs effectively.

Innovation Project Management provides the tools, insights, and metrics needed to successfully manage innovation projects—helping readers identify problems in their organization, conceive elegant solutions, and, when necessary, promote changes to their organizational culture.

There are several kinds of innovation—ranging from incremental changes to existing products to wholly original processes that emerge from market-disrupting new technology—that possess different characteristics and often require different tools. Best-selling author and project

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management expert Harold Kerzner integrates innovation, project management, and strategic planning to offer students and practicing professionals the essential tools and processes to analyze innovation from all sides. Innovation Project Management deconstructs traditional project management methods and explains why and how innovation projects should be managed differently. This invaluable resource: Provides practical advice and actionable tools for effectively managing innovation projects Offers value-based project management metrics and guidance on how to establish a metrics management program Shares exclusive insights from project managers at world-class organizations such as Airbus, Boeing, Hitachi, IBM, and Siemens on how they manage innovation projects Explores a variety of types of innovation including co-creation, value-driven, agile, open versus closed, and more Instructors have access to PowerPoint lecture slides by chapter through the book's companion website Innovation Project Management: Methods, Case Studies, and Tools for Managing Innovation Projects is an essential text for professional project managers, corporate managers, innovation team members, as well as students in project management, innovation and entrepreneurship programs.

Introduction to Product Design and Development for Engineers provides guidelines and best practices for the design, development, and evaluation of engineered products. Created to serve fourth year undergraduate students in Engineering Design modules with a required project, the text covers the entire product design process and product life-cycle, from the initial concept to the design and development stages, and through to product testing, design documentation, manufacturability, marketing, and sustainability. Reflecting the author's long

career as a design engineer, this text will also serve as a practical guide for students working on their capstone design projects.

Artificial intelligence (AI) enables computers and machines to mimic the perception, learning, problem-solving, and decision-making capabilities of the human mind. AI development is made possible by the availability of large amounts of data and the corresponding development and wide availability of computer systems that can process all that data faster and more accurately than humans can. What happens if you infuse AI with a world-class database management system, such as IBM Db2®? IBM® has done just that with Db2 AI for z/OS (Db2ZAI). Db2ZAI is built to infuse AI and data science to assist businesses in the use of AI to develop applications more easily. With Db2ZAI, the following benefits are realized: Data science functionality Better built applications Improved database performance (and DBA's time and efforts are saved) through simplification and automation of error reporting and routine tasks Machine learning (ML) optimizer to improve query access paths and reduce the need for manual tuning and query optimization Integrated data access that makes data available from various vendors including private cloud providers. This IBM Redpaper® publication helps to simplify your installation by tailoring and configuration of Db2 AI for z/OS®. It was written for system programmers, system administrators, and database administrators.

Virtual Storage Access Method (VSAM) is one of the access methods used to process data. Many of us have

used VSAM and work with VSAM data sets daily, but exactly how it works and why we use it instead of another access method is a mystery. This book helps to demystify VSAM and gives you the information necessary to understand, evaluate, and use VSAM properly. This book also builds upon the subject of Record Level Sharing and DFSMStvs. It clarifies VSAM functions for application programmers who work with VSAM. The practical, straightforward approach should dispel much of the complexity associated with VSAM. Wherever possible an example is used to reinforce a description of a VSAM function. This IBM® Redbooks® publication is intended as a supplement to existing product manuals. It is intended to be used as an initial point of reference for VSAM functions.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers.

InfoWorld also celebrates people, companies, and projects.

The IBM® Health Checker for z/OS® (also identified in this book as IBM Health Checker) is a key component of the z/OS operating system, whose objective is to identify potential problems before they impact the system's availability. To do this it continuously checks many current, active z/OS and sysplex settings and compares them with those suggested by IBM or defined by you.

The IBM Health Checker for z/OS is made of two parts: - A framework that provides check management and execution services. It supports check development by IBM, independent software vendors (ISVs), and users. - Individual checks that look for specific z/OS settings and

definitions, checking for potential problems. Customers can use the IBM Health Checker for z/OS infrastructure to run their own checks, extending the reach of IBM Health Checker for z/OS to environment-specific settings. This IBM Redpaper™ publication introduces the IBM Health Checker and describes how to activate and use it. It teaches you how to exploit the IBM Health Checker infrastructure to run custom checks and how to identify good candidates for writing your own checks. This publication also provides a number of sample checks to give you a good start creating custom checks for your environment.

This IBM® Redbooks® publication helps you install, customize, and configure an IBM z13® and build z/OS® environments. This book is intended for those readers who are new to the platform and are faced with the task of installing a mainframe for the first time. By the term mainframe in this instance, we refer to the hardware and the system software. The intention is to show you how this installation can be done. Volume 1 shows you how we set up a mainframe and installed z/OS V2R2 and IBM DB2® V11. The starting point is a basic hardware configuration of an IBM z13 and DS8000® as shipped from the factory. Volume 1 shows you how the following milestones were achieved: Creating a configuration for the Customized Offering Driver (COD) system Stand-alone restoration of the COD Expanding the configuration Installing the z/OS V2R2 ServerPac Loading and running IVPs for z/OS ServerPac Installing DB2 ServerPac and IVPs This publication includes figures that show you how the initial builds were

achieved. For this book, we designed a scenario and show you how to build that scenario step-by-step. Although your requirements likely differ from our scenario, we intend to provide you with an example to show you how it can be done and samples and downloadable materials that you can choose to modify to bring you closer to meeting your needs. This book is divided into the following parts: Part 1: Overview and Planning In this part, we introduce you to how we approached the project. Part 2: Configuration and builds In this part, we describe the tasks that must be completed to create the initial build for the scenario that is described in Part 1.

As organizations shift from monolithic applications to smaller, self-contained microservices, distributed systems have become more fine-grained. But developing these new systems brings its own host of problems. This expanded second edition takes a holistic view of topics that you need to consider when building, managing, and scaling microservices architectures. Through clear examples and practical advice, author Sam Newman gives everyone from architects and developers to testers and IT operators a firm grounding in the concepts. You'll dive into the latest solutions for modeling, integrating, testing, deploying, and monitoring your own autonomous services. Real-world cases reveal how organizations today manage to get the most out of these architectures. Microservices technologies continue to move quickly. This book brings you up to speed. Get new information on user interfaces, container orchestration, and serverless Align system design with your organization's

goals Explore options for integrating a service with your system Understand how to independently deploy microservices Examine the complexities of testing and monitoring distributed services Manage security with expanded content around user-to-service and service-to-service models

"The Japanese samurai Musashi wrote: 'One can win with the long sword, and one can win with the short sword. Whatever the weapon, there is a time and situation in which it is appropriate.' "Similarly, we have the long RUP and the short RUP, and all sizes in between. RUP is not a rigid, static recipe, and it evolves with the field and the practitioners, as demonstrated in this new book full of wisdom to illustrate further the liveliness of a process adopted by so many organizations around the world. Bravo!" --Philippe Kruchten, Professor, University of British Columbia "The Unified Process and its practices have had, and continue to have, a great impact on the software industry. This book is a refreshing new look at some of the principles underlying the Unified Process. It is full of practical guidance for people who want to start, or increase, their adoption of proven practices. No matter where you are today in terms of software maturity, you can start improving tomorrow." --Ivar Jacobson, Ivar Jacobson Consulting "Kroll and Maclsaac have written a must-have book. It is well organized with new principles for software development. I encounter many books I consider valuable; I consider this one indispensable, especially as it includes over 20 concrete best practices. If you are interested in making your software development shop a better one, read this

book!" --Ricardo R. Garcia, President, Global Rational User Group Council, www.rational-ug.org/index.php

"Agile software development is real, it works, and it's here to stay. Now is the time to come up to speed on agile best practices for the Unified Process, and this book provides a great starting point." --Scott W. Ambler, practice leader, Agile Modeling

"IBM and the global economy have become increasingly dependent on software over the last decade, and our industry has evolved some discriminating best practices. Per and Bruce have captured the principles and practices of success in this concise book; a must for executives, project managers, and practitioners. These ideas are progressive, but they strike the right balance between agility and governance and will form the foundation for successful systems and software developers for a long time." --Walker Royce, Vice President, IBM Software Services-Rational

"Finally, the RUP is presented in digestible, byte-size pieces. Kroll and Maclsaac effectively describe a set of practices that can be adopted in a low-ceremony, ad hoc fashion, suited to the culture of the more agile project team, while allowing them to understand how to scale their process as needed." --Dean Leffingwell, author and software business advisor and executive

"This text fills an important gap in the knowledge-base of our industry: providing agile practices in the proven, scalable framework of the Unified Process. With each practice able to be throttled to the unique context of a development organization, Kroll and Maclsaac provide software teams with the ability to balance agility and

discipline as appropriate for their specific needs." --Brian G. Lyons, CTO, Number Six Software, Inc. In *Agility and Discipline Made Easy*, Rational Unified Process (RUP) and Open Unified Process (OpenUP) experts Per Kroll and Bruce Maclsaac share twenty well-defined best practices that you and your team can start adopting today to improve the agility, predictability, speed, and cost of software development. Kroll and Maclsaac outline proven principles for software development, and supply a number of supporting practices for each. You'll learn what problems each practice addresses and how you can best leverage RUP and OpenUP (an open-source version of the Unified Process) to make the practice work for you. You'll find proactive, prescriptive guidance on how to adopt the practices with minimal risk and implement as much or as little of RUP or OpenUP as you want. Learn how to apply sample practices from the Unified Process so you can Execute your project in iterations Embrace and manage change Test your own code Describe requirements from the user perspective Architect with components and services Model key perspectives Whether you are interested in agile or disciplined development using RUP, OpenUP, or other agile processes, this book will help you reduce the anxiety and cost associated with software improvement by providing an easy, non-intrusive path toward improved results--without overwhelming you and your team.

As workloads are being offloaded to IBM® z Systems™ based cloud environments, it is important to ensure that these workloads and

environments are secure. This IBM Redbooks® publication describes the necessary steps to secure your environment for all of the components that are involved in a z Systems cloud infrastructure that uses IBM z/VM® and Linux on z Systems. The audience for this book is IT architects and those planning to use z Systems for their cloud environments.

This book constitutes revised selected papers from the 7th Brazilian Workshop on Agil Methods, WBMA 2016, held in Curitiba, Brazil, in November 2016.

The 10 full and 4 short papers presented in this volume were carefully reviewed and selected from 35 submissions. The papers present empirical results and literature reviews on agile implementation in government and distributed environments, design thinking and projects inception, testing and technical debt, motivation and gamification, training, modeling and project management, maturity models and quality assurance.

Changing business environments challenge established management ideas and practices. This volume draws on competence-based theory to identify and elaborate some important ways in which organizational competences are evolving - or should evolve - to respond to some fundamental forms of change in business environments.

DFSMSrmm from IBM® is the full function tape

management system available in IBM OS/390® and IBM z/OS®. With DFSMSrmm, you can manage all types of tape media at the shelf, volume, and data set level, simplifying the tasks of your tape librarian. Are you a new DFSMSrmm user? Then, this IBM Redbooks® publication introduces you to the DFSMSrmm basic concepts and functions. You learn how to manage your tape environment by implementing the DFSMSrmm management policies. Are you already using DFSMSrmm? In that case, this publication provides the most up-to-date information about the new functions and enhancements introduced with the latest release of DFSMSrmm. You will find useful information for implementing these new functions and getting more benefits from DFSMSrmm. Do you want to test DFSMSrmm functions? If you are using another tape management system and are thinking about converting to DFSMSrmm, you can start DFSMSrmm and run it in parallel with your current system for testing purposes. This book is intended to be a starting point for new professionals and a handbook for using the basic DFSMSrmm functions. This IBM® Redbooks® publication provides both introductory information and technical details about the IBM System z® Personal Development Tool (IBM zPDT®), which produces a small System z environment suitable for application development. zPDT is a PC Linux application. When zPDT is

installed (on Linux), normal System z operating systems (such as IBM z/OS®) can be run on it. zPDT provides the basic System z architecture and emulated IBM 3390 disk drives, 3270 interfaces, OSA interfaces, and so on. The systems that are discussed in this document are complex. They have elements of Linux (for the underlying PC machine), IBM z/Architecture® (for the core zPDT elements), System z I/O functions (for emulated I/O devices), z/OS (the most common System z operating system), and various applications and subsystems under z/OS. The reader is assumed to be familiar with general concepts and terminology of System z hardware and software elements, and with basic PC Linux characteristics. This book provides the primary documentation for zPDT.

The ABCs of z/OS System Programming is an eleven volume collection that provides an introduction to the z/OS operating system and the hardware architecture. Whether you are a beginner or an experienced system programmer, the ABCs collection provides the information that you need to start your research into z/OS and related subjects. If you would like to become more familiar with z/OS in your current environment, or if you are evaluating platforms to consolidate your e-business applications, the ABCs collection will serve as a powerful technical tool. This IBM Redbooks publication describes the functions of the Infoprint

Server. It will help you install, tailor, configure, and use the z/OS Version 1 Release 7 version of Infoprint Server. Topics covered in this volume are the following: Infoprint Server UNIX System Services overview Infoprint Server customization Print Interface IP PrintWay NetSpool Infoprint Central User interfaces to Infoprint Server The contents of the volumes are as follows: Volume 1: Introduction to z/OS and storage concepts, TSO/E, ISPF, JCL, SDSF, and z/OS delivery and installation Volume 2: z/OS implementation and daily maintenance, defining subsystems, JES2 and JES3, LPA, LNKLST, authorized libraries, SMP/E, Language Environment Volume 3: Introduction to DFSMS, data set basics storage management hardware and software, catalogs, and DFSMSStvs Volume 4: Communication Server, TCP/IP, and VTAM Volume 5: Base and Parallel Sysplex, System Logger, Resource Recovery Services (RRS), global resource serialization (GRS), z/OS system operations, automatic restart management (ARM), Geographically Dispersed Parallel Sysplex (GDPS) Volume 6: Introduction to security, RACF, Digital certificates and PKI, Kerberos, cryptography, zSeries firewall technologies, LDAP, and Enterprise identity mapping (EIM) Volume 7: Printing in a z/OS environment, Infoprint Server and Infoprint Central Volume 8: An introduction to z/OS problem diagnosis Volume 9: z/OS UNIX System Services Volume 10:

Introduction to z/Architecture, zSeries processor design, zSeries connectivity, LPAR concepts, HCD, and HMC Volume 11: Capacity planning, performance management, WLM, RMF, and SMF

From "No" to "How?" Get Buy-in and Lead Change is a how-to guide for professionals who want to learn to create positive change from where they are in any organisation. If you want to learn to lead change, this book shows you how you can improve the way things are and create lasting value in a way that will get you noticed. Subjects covered in the book include: - What change and innovation mean - How to identify valuable problems - How to generate ideas - How to get buy-in from others - How to co-create change - How to build momentum - How to sell the value you've created - Where to focus your effort - How to deal with failure - How to make a sustainable impact

We're losing tens of billions of dollars a year on broken software, and great new ideas such as agile development and Scrum don't always pay off. But there's hope. The nine software development practices in Beyond Legacy Code are designed to solve the problems facing our industry. Discover why these practices work, not just how they work, and dramatically increase the quality and maintainability of any software project. These nine practices could save the software industry. Beyond Legacy Code is filled with practical, hands-on advice and a common-

sense exploration of why technical practices such as refactoring and test-first development are critical to building maintainable software. Discover how to avoid the pitfalls teams encounter when adopting these practices, and how to dramatically reduce the risk associated with building software--realizing significant savings in both the short and long term. With a deeper understanding of the principles behind the practices, you'll build software that's easier and less costly to maintain and extend. By adopting these nine key technical practices, you'll learn to say what, why, and for whom before how; build in small batches; integrate continuously; collaborate; create CLEAN code; write the test first; specify behaviors with tests; implement the design last; and refactor legacy code. Software developers will find hands-on, pragmatic advice for writing higher quality, more maintainable, and bug-free code. Managers, customers, and product owners will gain deeper insight into vital processes. By moving beyond the old-fashioned procedural thinking of the Industrial Revolution, and working together to embrace standards and practices that will advance software development, we can turn the legacy code crisis into a true Information Revolution.

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.

The Professional Product Owner's Guide to Maximizing Value with Scrum "This book presents a method of communicating our desires, cogently, coherently, and with a minimum of fuss and bother."

—Ken Schwaber, Chairman & Founder, Scrum.org

The role of the Product Owner is more crucial than ever. But it's about much more than mechanics: it's about taking accountability and refocusing on value as the primary objective of all you do. In *The Professional Product Owner*, two leading experts in successful Scrum product ownership show exactly how to do this. You'll learn how to identify where value can be found, measure it, and maximize it throughout your entire product lifecycle. Drawing on their combined 40+ years of experience in using

agile and Scrum in product management, Don McGreal and Ralph Jocham guide you through all facets of envisioning, emerging, and maturing a product using the Scrum framework. McGreal and Jocham discuss strategy, showing how to connect Vision, Value, and Validation in ROI-focused agile product management. They lay out Scrum best-practices for managing complexity and continuously delivering value, and they define the concrete practices and tools you can use to manage Product Backlogs and release plans, all with the goal of making you a more successful Product Owner. Throughout, the authors share revealing personal experiences that illuminate obstacles to success and show how they can be overcome. Define success from the “outside in,” using external customer-driven measurements to guide development and maximize value Bring empowerment and entrepreneurship to the Product Owner’s role, and align everyone behind a shared business model Use Evidence-Based Management (EBMgt) to invest in the right places, make smarter decisions, and reduce risk Effectively apply Scrum’s Product Owner role, artifacts, and events Populate and manage Product Backlogs, and use just-in-time specifications Plan and manage releases, improve transparency, and reduce technical debt Scale your product, not your Scrum Use Scrum to inject autonomy, mastery, and purpose into your product team’s work Whatever

your role in product management or agile development, this guide will help you deliver products that offer more value, more rapidly, and more often. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details. The first edition of "Extreme Programming Explained" is a classic. It won awards for its then-radical ideas for improving small-team development, such as having developers write automated tests for their own code and having the whole team plan weekly. Much has changed in five years. This completely rewritten second edition expands the scope of XP to teams of any size by suggesting a program of continuous improvement based on: five core values consistent with excellence in software development; eleven principles for putting those values into action; and, thirteen primary and eleven corollary practices to help you push development past its current business and technical limitations. Whether you have a small team that is already closely aligned with your customers or a large team in a gigantic or multinational organization, you will find in these pages a wealth of ideas to challenge, inspire, and encourage you and your team members to substantially improve your software development. Agile Systems Engineering presents a vision of systems engineering where precise specification of requirements, structure, and behavior meet larger

concerns as such as safety, security, reliability, and performance in an agile engineering context. World-renown author and speaker Dr. Bruce Powel Douglass incorporates agile methods and model-based systems engineering (MBSE) to define the properties of entire systems while avoiding errors that can occur when using traditional textual specifications. Dr. Douglass covers the lifecycle of systems development, including requirements, analysis, design, and the handoff to specific engineering disciplines. Throughout, Dr. Douglass couples agile methods with SysML and MBSE to arm system engineers with the conceptual and methodological tools they need to avoid specification defects and improve system quality while simultaneously reducing the effort and cost of systems engineering. Identifies how the concepts and techniques of agile methods can be effectively applied in systems engineering context Shows how to perform model-based functional analysis and tie these analyses back to system requirements and stakeholder needs, and forward to system architecture and interface definition Provides a means by which the quality and correctness of systems engineering data can be assured (before the entire system is built!) Explains agile system architectural specification and allocation of functionality to system components Details how to transition engineering specification data to

downstream engineers with no loss of fidelity
Includes detailed examples from across industries taken through their stages, including the "Waldo" industrial exoskeleton as a complex system
The timeless business book that still brings perspective and guidance to today's bottom-line executives
When first published in 1963, IBM CEO Thomas Watson Jr.'s "A Business and Its Beliefs" gave readers an unprecedented look inside IBM's executive offices. Watson--son of IBM's founder--candidly discussed how the company clung to its values during the first great technological shift, and how this refusal to compromise became IBM's strength. He also became one of the first CEOs to question business's place and responsibility in society, and openly discuss how firms could meet expanding social expectations while still turning a profit. The groundbreaking ideas in this book still resonate with today's managers. This newly published edition reintroduces Watson's ideas to a new generation of decision-makers in search of IBM-style standards for their own organizations. A to-the-point examination of the values and beliefs that built and sustained IBM, its message is as valuable today as it was four decades back--and will once again strike a resounding chord with executives everywhere..

Agile portfolio management deals with how an organization identifies, prioritizes, organizes, and

manages different products. This is done in a streamlined way in order to optimize the development of value in a manner that's sustainable in the long run. It ensures that a company provides their clients with the best value for their investment. A good portfolio manager understands and follows the agile principles while also considering the various factors needed to successfully manage numerous teams and projects. The project management office of many organizations are faced with the reality of more and more agile deliverables as part of agile transformations, however they lack the knowledge to perform these tasks. Researchers and practitioners have a good understanding of project, program and portfolio management in a planned based perspective. They have common standards from Axelos, PMI and such, so they know the best practices. The knowledge of agile on a team level is fairly mature and the knowledge of more agile teams (scaling) are increasing. However, the knowledge of agile portfolio management is still limited. The aim of this book is to give the reader an understanding of portfolio management of a portfolio of agile deliverables, what the options are (theory), what we know (research) and what others are doing (practice). Many organizations in banking, insurance to name a few are in the middle of major agile transformations with limited knowledge of the practice. In this book, the author collects and

analyzes common practices in various industries. He provides both theory and through case studies the practical aspects of agile portfolio management. This IBM® Redbooks® publication helps you install, configure, and use the IBM z/OS® Management Facility (z/OSMF). z/OSMF is a product for z/OS that simplifies, optimizes, and modernizes the z/OS system programmer experience. z/OSMF delivers solutions in a task-oriented, web browser-based user interface with integrated user assistance. The goal of z/OSMF is to improve system programmer productivity, and make functions easier to understand and use. This improvement makes system programmers more productive as quickly as possible with the least amount of training. You can automate tasks, reduce the learning curve, and improve productivity through a modern, simplified, and intuitive task-based, browser-based interface. z/OSMF is aimed at a mixed skills workforce: It is suited to professionals who are new to z/OS and those who are skilled in z/OS. Each professional has their own needs and faces their own challenges. Novice system programmer might need to understand the "big picture" and how procedures are done. Novices also need access to documentation about procedures and tasks, and implement them according to the rules of the enterprise. Experienced system programmers are familiar with tasks and procedures. Therefore, the goal is to make their work

less error-prone and easier. This goal allows them to be more productive and contribute more to their business. Although z/OS delivered simplification since it was introduced, z/OSMF brings a new dimension and focus to simplification. z/OSMF simplifies and modernizes the user experience and helps make pertinent information readily available and easily accessible.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Succeed with Scrum in Even the Largest, Most Complex Distributed Development Projects Forewords by Ken Schwaber, Scott Ambler, Roman Pichler, and Matthew Wang This is the first comprehensive, practical guide for Scrum practitioners working in large-scale distributed environments. Written by three of IBM's leading Scrum practitioners—in close collaboration with the IBM QSE Scrum Community of more than 1000 members worldwide—this book offers specific, actionable guidance for everyone who wants to succeed with Scrum in the enterprise. Readers will follow a journey through the lifecycle of a distributed Scrum project, from envisioning products and setting up teams to preparing for Sprint planning and running retrospectives. Each chapter presents a baseline drawn from “conventional” Scrum, then discusses

additional issues faced by distributed teams, and presents specific best-practice solutions, alternatives, and tips the authors have identified through hard, empirical experience. Using real-world examples, the book demonstrates how to apply key Scrum practices, such as look-ahead planning in geographically distributed environments. Readers will also gain valuable new insights into the agile management of complex problem and technical domains. Coverage includes Developing user stories and working with Product Owners as a distributed team Recognizing and fixing the flaws Scrum may reveal in existing processes Engaging in more efficient Release and Sprint planning Conducting intense, brief daily Scrum meetings in distributed environments Managing cultural and language differences Resolving dependencies, performing frequent integration, and maintaining transparency in geographically distributed environments Successfully running remote software reviews and demos Brainstorming what worked and what didn't, to improve future Sprints This book will be an indispensable resource for every team leader, member, product owner, or manager working with Scrum or other agile methods in any distributed software development organization.

Innovation and technology have forever changed what it means to be a business. Some businesses now exist only online; increasingly, companies are being built with new technologies that require new skills; and customers are routinely accessing businesses via interactive visual and audio experiences—through web pages or apps, computers, and mobile devices. These experiences are based on design, which has never been so important to the business world. Customers interact with designs by looking, clicking, typing, listening, speaking to, and touching them. These interactions largely occur where and when the customer chooses: alone on the couch at home, at work, at social events, while

traveling on an airplane, and elsewhere. When people say they “read an article,” “bought a friend a gift,” “watched a video,” or “booked a hotel,” they’re talking about engaging with businesses by interacting with their designs. No matter how great a business idea is, or what technology it relies on behind the scenes, a company needs to express itself visually in a way customers will understand and be able to interact with easily in order to be successful. The number of ways to translate an idea into a design is infinite, but which designs will also drive customer value? Michael Krypel’s *Refining Design for Business* answers this key question, showing you how to build a successful online business by creating engaging and measurable customer experiences. In this book, you will learn how to:

- Change the standard design process most companies follow to enhance accountability for generating business and customer value, while creating new opportunities for collaboration and innovation.
- Understand customer goals and build a strategic marketing plan to continually realign the business around them.
- Use A/B testing and segmentation strategies to personalize experiences across a business.
- Develop new approaches through “visual business cases” that show how different companies have solved problems, including before-and-after examples of what the online businesses themselves actually looked like.

Flex your project management muscle Agile project management is a fast and flexible approach to managing all projects, not just software development. By learning the principles and techniques in this book, you'll be able to create a product roadmap, schedule projects, and prepare for product launches with the ease of Agile software developers. You'll discover how to manage scope, time, and cost, as well as team dynamics, quality, and risk of every project. As mobile and web technologies continue to evolve rapidly, there

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is added pressure to develop and implement software projects in weeks instead of months—and Agile Project Management For Dummies can help you do just that. Providing a simple, step-by-step guide to Agile project management approaches, tools, and techniques, it shows product and project managers how to complete and implement projects more quickly than ever. Complete projects in weeks instead of months Reduce risk and leverage core benefits for projects Turn Agile theory into practice for all industries Effectively create an Agile environment Get ready to grasp and apply Agile principles for faster, more accurate development.

As workloads are being offloaded to IBM® LinuxONE based cloud environments, it is important to ensure that these workloads and environments are secure. This IBM Redbooks® publication describes the necessary steps to secure your environment from the hardware level through all of the components that are involved in a LinuxONE cloud infrastructure that use Linux and IBM z/VM®. The audience for this book is IT architects, IT Specialists, and those users who plan to use LinuxONE for their cloud environments.

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