

Magic Quadrant For Application Testing Services Worldwide

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Mastering Microsoft Azure Infrastructure Services
Essentials of Paleomagnetism
Refactoring
The Healthy Programmer
How to Not Screw Up Your Organization's Security
Automated Software Testing

Gartner and the Magic Quadrant

Consists of descriptive listings of commercially published tests. It serves as a comprehensive index to all the Mental Measurement Yearbooks published to date.

More Agile Testing

F & S Index United States Annual

Many designers enjoy the interfaces seen in science fiction films and television shows. Freed from the rigorous constraints of designing for real users, sci-fi production designers develop blue-sky interfaces that are inspiring, humorous, and even instructive. By carefully studying these “outsider” user interfaces, designers can derive lessons that make their real-world designs more cutting edge and successful.

JAVA Developer's Journal

This book is focused on the advancements in the field of software testing and the innovative practices that the industry is adopting. Considering the widely varied nature of software testing, the book addresses contemporary aspects that are important for both academia and industry. There are dedicated chapters on seamless high-efficiency frameworks, automation on regression testing, software by search, and system evolution management. There are a host of mathematical models that are promising for software quality improvement by model-based testing. There are three chapters addressing this concern. Students and

researchers in particular will find these chapters useful for their mathematical strength and rigor. Other topics covered include uncertainty in testing, software security testing, testing as a service, test technical debt (or test debt), disruption caused by digital advancement (social media, cloud computing, mobile application and data analytics), and challenges and benefits of outsourcing. The book will be of interest to students, researchers as well as professionals in the software industry.

The Mobile Analytics Playbook

This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples, screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed the popular Burp Suite of web application hack tools.

Architecting Mobile Solutions for the Enterprise

With the urgent demand for rapid turnaround on new software releases--without compromising quality--the testing element of software development must keep pace, requiring a major shift from slow, labor-intensive testing methods to a faster and more thorough automated testing approach. Automated Software Testing is a comprehensive, step-by-step guide to the most effective tools, techniques, and methods for automated testing. Using numerous case studies of successful industry implementations, this book presents everything you need to know to successfully incorporate automated testing into the development process. In particular, this book focuses on the Automated Test Life Cycle Methodology (ATLM), a structured process for designing and executing testing that parallels the Rapid Application Development methodology commonly used today. Automated Software Testing is designed to lead you through each step of this structured program, from the initial decision to implement automated software testing through test planning, execution, and reporting. Included are test automation and test management guidance for: Acquiring management support Test tool evaluation and selection The automated testing introduction process Test effort and test team sizing Test team composition, recruiting, and management Test planning and preparation Test procedure development guidelines Automation reuse analysis and reuse library Best practices for test automation

Tosca (Software)

Users can dramatically improve the design, performance, and manageability of object-oriented code without altering its interfaces or behavior. "Refactoring" shows users exactly how to spot the best opportunities for refactoring and exactly how to do it, step by step.

The Art of Application Performance Testing

Informationweek

Fatigue Testing and Analysis: Theory and Practice presents the latest, proven techniques for fatigue data acquisition, data analysis, and test planning and practice. More specifically, it covers the most comprehensive methods to capture the component load, to characterize the scatter of product fatigue resistance and loading, to perform the fatigue damage assessment of a product, and to develop an accelerated life test plan for reliability target demonstration. This book is most useful for test and design engineers in the ground vehicle industry. Fatigue Testing and Analysis introduces the methods to account for variability of loads and statistical fatigue properties that are useful for further probabilistic fatigue analysis. The text incorporates and demonstrates approaches that account for randomness of loading and materials, and covers the applications and demonstrations of both linear and double-linear damage rules. The reader will benefit from summaries of load transducer designs and data acquisition techniques, applications of both linear and non-linear damage rules and methods, and techniques to determine the statistical fatigue properties for the nominal stress-life and the local strain-life methods. Covers the useful techniques for component load measurement and data acquisition, fatigue properties determination, fatigue analysis, and accelerated life test criteria development, and, most importantly, test plans for reliability demonstrations. Written from a practical point of view, based on the authors' industrial and academic experience in automotive engineering design. Extensive practical examples are used to illustrate the main concepts in all chapters.

Continuous Testing for DevOps Professionals

Continuous Testing for DevOps Professionals is the definitive guide for DevOps teams and covers the best practices required to excel at Continuous Testing (CT) at each step of the DevOps pipeline. It was developed in collaboration with top industry experts from across the DevOps domain from leading companies such as CloudBees, Tricentis, Testim.io, Test.ai, Perfecto, and many more. The book is aimed at all DevOps practitioners, including software developers, testers, operations managers, and IT/business executives. It consists of 4 sections: 1. Fundamentals of Continuous Testing 2. Continuous Testing for Web Apps 3. Continuous Testing for Mobile Apps 4. Advancing Continuous Testing. All profits from Continuous Testing for DevOps Professionals will be donated to code.org, which is a nonprofit dedicated to expanding access to computer science in schools and increasing participation by women and underrepresented minorities.

System Center 2012 Service Manager Unleashed

Printed in full color. To keep doing what you love, you need to maintain your own systems, not just the ones you write code for. Regular exercise and proper nutrition help you learn, remember, concentrate, and be creative--skills critical to doing your job well. Learn how to change your work habits, master exercises that make working at a computer more comfortable, and develop a plan to keep fit, healthy, and sharp for years to come. Small changes to your habits can improve your health--without getting in the way of your work. The Healthy Programmer gives you a daily plan of action that's incremental and iterative just like the software development processes you're used to. Every tip, trick, and best practice is backed up by the advice of doctors, scientists, therapists, nutritionists, and numerous fitness experts. We'll review the latest scientific research to understand how being healthy is good for your body and mind. You'll start by adding a small amount of simple activity to your day--no trips to the gym needed. You'll learn how to mitigate back pain, carpal tunnel syndrome, headaches, and many other common sources of pain. You'll also learn how to refactor your diet to properly fuel your body without gaining weight or feeling hungry. Then, you'll turn the exercises and activities into a pragmatic workout methodology that doesn't interfere with the demands of your job and may actually improve your cognitive skills. You'll also learn the secrets of prominent figures in the software community who turned their health around by making diet and exercise changes. Throughout, you'll track your progress with a "companion iPhone app". Finally, you'll learn how to make your healthy lifestyle pragmatic, attainable, and fun. If you're going to live well, you should enjoy it.

Disclaimer This book is intended only as an informative guide for those wishing to know more about health issues. In no way is this book intended to replace, countermand, or conflict with the advice given to you by your own healthcare provider including Physician, Nurse Practitioner, Physician Assistant, Registered Dietician, and other licensed professionals. Keep in mind that results vary from person to person. This book is not intended as a substitute for medical or nutritional advice from a healthcare provider or dietician. Some people have a medical history and/or condition and/or nutritional requirements that warrant individualized recommendations and, in some cases, medications and healthcare surveillance. Do not start, stop, or change medication and dietary recommendations without professional medical and/or Registered Dietician advice. A healthcare provider should be consulted if you are on medication or if there are any symptoms that may require diagnosis or medical attention. Do not change your diet if you are ill, or on medication except under the supervision of a healthcare provider. Neither this, nor any other book or discussion forum is intended to take the place of personalized medical care or treatment provided by your healthcare provider. This book was current as of January, 2013 and as new information becomes available through research, experience, or changes to product contents, some of the data in this book may become invalid. You should seek the most up to date information on your medical care and treatment from your health care professional. The ultimate decision concerning care should be made between you and your healthcare provider. Information in this book is general and is offered with no guarantees on the part of the author, editor or The Pragmatic Programmers, LLC. The author, editors and publisher disclaim all liability in connection with the use of this book.

Developer Testing

If you want to get more out of your Gartner research subscription, this book is for you! Whether you are a software buyer, a large or small vendor, or are wondering how Gartner can help you make better investment decisions, this book will give you new insights to Gartner's research. By studying the methodology behind such popular analytical tools as the Magic Quadrant, you will understand how a vendor earned its rating and whether or not the ratings are justified! Starting with the history of Gartner and how it compares to other IT analyst firms, this book gives a realistic assessment of the value of Gartner research to a company and provides ideas about other resources that could complement Gartner's analysis. You will also have the tools to level the playing field between large, medium and small vendors when using Gartner's analysis in selecting software. By reading this book, you will:

- Evaluate whether or not a Gartner subscription is of value to your company
- Adjust the Magic Quadrant to get a more realistic assessment of large and small vendors and their products
- Increase the value of your interactions with Gartner analysts
- Understand Gartner's biases and how Gartner makes money, and how this impacts its research results
- Appreciate the effects of cloud computing on Gartner, and why it matters to you
- Choose consulting services with confidence
- Assess the value of Gartner's other analytical products to your business

Gartner Group Symposium ITxpo

Understand, create, deploy, and maintain a public cloud using Microsoft Azure. Mastering Microsoft Azure Infrastructure Services guides you through the process of creating and managing a public cloud and virtual network using Microsoft Azure. With step-by-step instruction and clear explanation, this book equips you with the skills required to provide services both on-premises and off-premises through full virtualization, providing a deeper understanding of Azure's capabilities as an infrastructure service. Each chapter includes online videos that visualize and enhance the concepts presented in the book, and access to a Windows app that provides instant Azure updates and demonstrates the process of going from on-premises to public cloud via Azure. Coverage includes storage customization, connectivity, virtual networks, backing up, hybrid environments, System Center management, and more, giving you everything you need to understand, evaluate, deploy, and maintain environments that utilize Microsoft Azure. Understand cost, options, and applications of Infrastructure as a Service (IaaS). Enable on- and off-premises connectivity to Azure. Customize Azure templates and management processes. Exploit key technologies and embrace the hybrid environment. Mastering Microsoft Azure Infrastructure Services is your total solution.

The Modern Web

The Lawyer's Guide to Collaboration Tools and Technologies

Wolf in Cio's Clothing

This first-of-its-kind legal guide showcases how to use the latest Web-based and software technologies, such as Web 2.0, Google tools, Microsoft Office, and Acrobat, to work collaboratively and more efficiently on projects with colleagues, clients, co-counsel and even opposing counsel. The book provides a wealth of information useful to lawyers who are just beginning to try collaboration tools, as well as tips and techniques for those lawyers with intermediate and advanced collaboration experience.

Trends in Software Testing

Provides information on Web development for multiple devices, covering such topics as structure and semantics, device APIs, multimedia, and Web apps.

Fatigue Testing and Analysis

A Primer on Scientific Programming with Python

Even with the most extreme automation, we simply don't have time for the "test everything" approach. It's impossible to test every possible path through a modern business application every time that we want to release. Fortunately, we don't need to. If we rethink our testing approach, we can get a thorough assessment of a release candidate's business risk with much less testing than most companies are doing today. Enterprise Continuous Testing: Transforming Testing for Agile and DevOps introduces a Continuous Testing strategy that helps enterprises accelerate and prioritize testing to meet the needs of fast-paced Agile and DevOps initiatives. Software testing has traditionally been the enemy of speed and innovation--a slow, costly process that delays releases while delivering questionable business value. This new strategy helps you test smarter, so testing provides rapid insight into what matters most to the business. Target Audience This book is written for senior quality managers and business executives who need to achieve the optimal balance between speed and quality when delivering the software that drives the modern business. It provides a roadmap for how to accelerate delivery with high confidence and low business risk. In summary: If you want to realign your Global 2000 organization's quality process with the unrelenting drive towards accelerated delivery speed and "Continuous Everything," then you're in the right place.

The Art of Intrusion

Get past the myths of testing in agile environments - and implement agile testing the RIGHT way. * * For everyone concerned with agile testing: developers, testers, managers, customers, and other stakeholders. * Covers every key issue: Values, practices, organizational and cultural challenges, collaboration, metrics, infrastructure, documentation, tools, and more. * By two of the world's most experienced agile testing practitioners and consultants. Software testing has always been crucial, but it may be even more crucial in agile environments that rely heavily on repeated iterations of software capable of passing tests. There are, however, many myths associated with testing in agile environments. This book helps agile team members overcome those myths -- and implement testing that

truly maximizes software quality and value. Long-time agile testers Lisa Crispin and Janet Gregory offer powerful insights for three large, diverse groups of readers: experienced testers who are new to agile; members of newly-created agile teams who aren't sure how to perform testing or work with testers; and test/QA managers whose development teams are implementing agile. Readers will learn specific agile testing practices and techniques that can mean the difference between success and failure; discover how to transition 'traditional' test teams to agile; and learn how to integrate testers smoothly into agile teams. Drawing on extensive experience, the authors illuminate topics ranging from culture to test planning to automated tools. They cover every form of testing: business-facing tests, technology-facing tests, exploratory tests, context-driven and scenario tests, load, stability, and endurance tests, and more. Using this book's techniques, readers can improve the effectiveness and reduce the risks of any agile project or initiative.

The Web Application Hacker's Handbook

The book serves as a first introduction to computer programming of scientific applications, using the high-level Python language. The exposition is example and problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science. From the reviews: Langtangen does an excellent job of introducing programming as a set of skills in problem solving. He guides the reader into thinking properly about producing program logic and data structures for modeling real-world problems using objects and functions and embracing the object-oriented paradigm. Summing Up: Highly recommended. F. H. Wild III, Choice, Vol. 47 (8), April 2010 Those of us who have learned scientific programming in Python 'on the streets' could be a little jealous of students who have the opportunity to take a course out of Langtangen's Primer." John D. Cook, The Mathematical Association of America, September 2011 This book goes through Python in particular, and programming in general, via tasks that scientists will likely perform. It contains valuable information for students new to scientific computing and would be the perfect bridge between an introduction to programming and an advanced course on numerical methods or computational science. Alex Small, IEEE, CiSE Vol. 14 (2), March /April 2012 "This fourth edition is a wonderful, inclusive textbook that covers pretty much everything one needs to know to go from zero to fairly sophisticated scientific programming in Python" Joan Horvath, Computing Reviews, March 2015

Agile Testing

Many students don't want to be tied to a particular group or spiritual tradition, but prefer to search, experiment, and grow on their own; this book is perfect for these people. Watson discusses the principles that underlie magical practice in a

veryeasy-to-understand manner. She includes information on affirmations, visualization, spiritual practices, folk magic, and ritual. Safety measures and ethical considerations are stressed throughout. Bibliography, index.

Encyclopedia of Information Science and Technology, Fourth Edition

In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

The Real Business of Blockchain

Dataquest

Because performance is paramount today, this thoroughly updated guide shows you how to test mission-critical applications for scalability and performance before you deploy them—whether it's to the cloud or a mobile device. You'll learn the complete testing process lifecycle step-by-step, along with best practices to plan, coordinate, and conduct performance tests on your applications. Set realistic performance testing goals Implement an effective application performance testing strategy Interpret performance test results Cope with different application technologies and architectures Understand the importance of End User Monitoring (EUM) Use automated performance testing tools Test traditional local applications, web applications, and web services Recognize and resolves issues often overlooked in performance tests Written by a consultant with over 15 years' experience with performance testing, *The Art of Application Performance Testing* thoroughly explains the pitfalls of an inadequate testing strategy and offers a robust, structured approach for ensuring that your applications perform well and scale effectively when the need arises.

Journal of the American Medical Association

Machiavellians are few in number in IT. The massive pressure on CIOs continues to increase as the opportunities to use technology in business become more prevalent and more competitive. As CIOs often find themselves at the center of business conflict, they must not only familiarize themselves with Machiavellian tactics as a defensive weapon, but also learn to use them as an offensive weapon in extreme situations so that they can increase IT's contribution to their enterprises. As Italian political philosopher Niccolo Machiavelli implied, you're either predator or prey, and the animal you most resemble determines your position on the food chain. In *The Wolf in CIO's Clothing* Gartner analyst and author Tina Nunno expands on Machiavelli's metaphor, examining seven animal types and the leadership attributes of each. Nunno posits the wolf -- a social animal with strong predatory instincts -- as the ideal example of how a leader can adapt and thrive. Technology may be black and white, but successful leadership demands an ability to exist in the grey. Drawing on her experience with hundreds of CIOs, Nunno charts a viable way to master the Machiavellian principles of power, manipulation, love, and war. Through compelling case studies, her approach demonstrates how CIOs and IT leaders can adjust their leadership styles in extreme situations for their own success and that of their teams.

Enterprise Continuous Testing

How do successful agile teams deliver bug-free, maintainable software—iteration after iteration? The answer is: By seamlessly combining development and testing. On such teams, the developers write testable code that enables them to verify it using various types of automated tests. This approach keeps regressions at bay and prevents “testing crunches”—which otherwise may occur near the end of an iteration—from ever happening. Writing testable code, however, is often difficult, because it requires knowledge and skills that cut across multiple disciplines. In *Developer Testing*, leading test expert and mentor Alexander Tarlinder presents concise, focused guidance for making new and legacy code far more testable. Tarlinder helps you answer questions like: When have I tested this enough? How many tests do I need to write? What should my tests verify? You’ll learn how to design for testability and utilize techniques like refactoring, dependency breaking, unit testing, data-driven testing, and test-driven development to achieve the highest possible confidence in your software. Through practical examples in Java, C#, Groovy, and Ruby, you’ll discover what works—and what doesn’t. You can quickly begin using Tarlinder’s technology-agnostic insights with most languages and toolsets while not getting buried in specialist details. The author helps you adapt your current programming style for testability, make a testing mindset “second nature,” improve your code, and enrich your day-to-day experience as a software professional. With this guide, you will

- Understand the discipline and vocabulary of testing from the developer’s standpoint
- Base developer tests on well-established testing techniques and best practices
- Recognize code constructs that impact testability
- Effectively name, organize, and execute unit tests
- Master the essentials of classic and “mockist-style” TDD
- Leverage test doubles with or without mocking frameworks
- Capture the benefits of programming by contract, even without runtime support for contracts
- Take control of dependencies between classes, components, layers, and tiers
- Handle combinatorial explosions of test

cases, or scenarios requiring many similar tests Manage code duplication when it can't be eliminated Actively maintain and improve your test suites Perform more advanced tests at the integration, system, and end-to-end levels Develop an understanding for how the organizational context influences quality assurance Establish well-balanced and effective testing strategies suitable for agile teams

Make It So

Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. TOSCA Testsuite is a software tool for the automated execution of functional and regression software testing. In addition to test automation functions, TOSCA includes integrated test management, a graphical user interface, a command line interface and an application programming interface. TOSCA Testsuite is developed by the Austrian software company TRICENTIS Technology & Consulting GmbH based in Vienna. In 2011, TOSCA was included in Gartner Inc.'s "Magic Quadrant for Integrated Software Quality Suites" report as a "visionary."

Tests in Print VI

T-Bytes Agile & AI Operations

Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling The Art of Deception Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious computer intruders. In his bestselling The Art of Deception, Mitnick presented fictionalized case studies that illustrated how savvy computer crackers use "social engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-and then told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

Practical Solitary Magic

A step-by-step tutorial on implementing Liferay- based portals to learn performance best practices.The book is good for Liferay portal developers and

architects who want to learn performance best practices for implementing Liferay-based solutions. It is assumed that you have a working knowledge of the Liferay portal.

Tests in Print

This document brings together a set of latest data points and publicly available information relevant for Agile & AI Operations Industry. We are very excited to share this content and believe that readers will benefit from this periodic publication immensely.

Liferay Portal Performance Best Practices

This newly revised and expanded second edition of the popular Artech House title, *Fuzzing for Software Security Testing and Quality Assurance*, provides practical and professional guidance on how and why to integrate fuzzing into the software development lifecycle. This edition introduces fuzzing as a process, goes through commercial tools, and explains what the customer requirements are for fuzzing. The advancement of evolutionary fuzzing tools, including American Fuzzy Lop (AFL) and the emerging full fuzz test automation systems are explored in this edition. Traditional software programmers and testers will learn how to make fuzzing a standard practice that integrates seamlessly with all development activities. It surveys all popular commercial fuzzing tools and explains how to select the right one for software development projects. This book is a powerful new tool to build secure, high-quality software taking a weapon from the malicious hacker's arsenal. This practical resource helps engineers find and patch flaws in software before harmful viruses, worms, and Trojans can use these vulnerabilities to rampage systems. The book shows how to make fuzzing a standard practice that integrates seamlessly with all development activities.

Fuzzing for Software Security Testing and Quality Assurance, Second Edition

Your guide to planning and executing a complete mobile web strategy Revisit your approach to the mobile web—and deliver effective solutions that reach customers and clients on a variety of mobile devices. In this practical guide, web development luminary Dino Esposito shows you how to develop a solid mobile strategy for the enterprise, starting with an effective mobile website. You'll receive essential architectural and implementation guidance, as well as mobile-specific design patterns for building cross-platform and native applications. Discover how to:

- Architect a website accessible from many different mobile devices
- Implement design patterns specific to mobile app development
- Examine tools that enable you to write one codebase for many platforms
- Use technologies for building Windows Phone, iPhone, and Android apps
- Develop cross-platform app features, such as localization and offline behavior

Mastering Microsoft Azure Infrastructure Services

Essentials of Paleomagnetism

Janet Gregory and Lisa Crispin pioneered the agile testing discipline with their previous work, *Agile Testing*. Now, in *More Agile Testing*, they reflect on all they've learned since. They address crucial emerging issues, share evolved agile practices, and cover key issues agile testers have asked to learn more about. Packed with new examples from real teams, this insightful guide offers detailed information about adapting agile testing for your environment; learning from experience and continually improving your test processes; scaling agile testing across teams; and overcoming the pitfalls of automated testing. You'll find brand-new coverage of agile testing for the enterprise, distributed teams, mobile/embedded systems, regulated environments, data warehouse/BI systems, and DevOps practices. You'll come away understanding

- How to clarify testing activities within the team
- Ways to collaborate with business experts to identify valuable features and deliver the right capabilities
- How to design automated tests for superior reliability and easier maintenance
- How agile team members can improve and expand their testing skills
- How to plan “just enough,” balancing small increments with larger feature sets and the entire system
- How to use testing to identify and mitigate risks associated with your current agile processes and to prevent defects
- How to address challenges within your product or organizational context
- How to perform exploratory testing using “personas” and “tours”
- Exploratory testing approaches that engage the whole team, using test charters with session- and thread-based techniques
- How to bring new agile testers up to speed quickly—without overwhelming them

Janet Gregory is founder of DragonFire Inc., an agile quality process consultancy and training firm. Her passion is helping teams build quality systems. For almost fifteen years, she has worked as a coach and tester, introducing agile practices into companies of all sizes and helping users and testers understand their agile roles. She is a frequent speaker at agile and testing software conferences, and is a major contributor to the agile testing community. Lisa Crispin, an experienced agile testing practitioner and coach, regularly leads conference workshops on agile testing and contributes frequently to agile software publications. She enjoys collaborating as part of an awesome agile team to produce quality software. Since 1982, she has worked in a variety of roles on software teams, in a wide range of industries. She joined her first agile team in 2000 and continually learns from other teams and practitioners.

Refactoring

This comprehensive resource will help you automate and optimize all facets of service management with System Center 2012 Service Manager. Expert consultants offer deep “in the trenches” insights for improving problem resolution, change control, release management, asset lifecycle management, chargeback, and more. You’ll learn how to implement high-value best practices from ITIL and the Microsoft Operations Framework. The authors begin with an expert overview of Service Manager, its evolution, and its new capabilities. Next, they walk through overall planning, design, implementation, and upgrades. Then, to help you focus your efforts, they present stepwise coverage of all topics in each feature area, linking technical information about Service Manager with essential knowledge about the technologies it depends on. Whatever your role in deploying or running Service Manager, this guide will help you deliver more responsive support at lower

cost and drive more value from all your IT investments. • Leverage MOF and ITIL processes built into System Center 2012 Service Manager • Plan and design your Service Manager deployment • Install Service Manager or upgrade from earlier versions • Efficiently administer work and configuration items • Use connectors to integrate with Active Directory, Exchange, and System Center components • Create service maps • Enable end user access through Service Manager's self-service portal • Implement incident, problem, change, and release management • Utilize workflows to automate key support processes • Create service level agreements with calendars, metrics, and objectives • Provide quick access to a standardized catalog of services • Use notification to ensure that Service Manager items are promptly addressed • Secure Service Manager and its data warehouse/reporting platform • Perform maintenance, backup, and recovery • Manage Service Manager performance • Customize Service Manager

The Healthy Programmer

Blockchain is transforming business. What's your strategy? Leaders of forward-thinking organizations are exploring how blockchain can transform the way they create and seek value. Whether it's used to streamline multiparty processes, create and trade new assets, or leverage artificial intelligence and the internet of things, blockchain enables entirely new business opportunities. This is just the start. As blockchain becomes more widely adopted, it has the potential to radically change the way companies and societies operate, as transformative a paradigm shift as the launch of the internet. The Real Business of Blockchain is one of the first books on this transformative technology written for business leaders. Authors David Furlonger and Christophe Uzureau--both of Gartner, the world-renowned research and advisory company--will help you: Assess how blockchain will impact your business Explore the value proposition that blockchain offers Make smart near- and midterm investments Position your organization in a new competitive landscape Timely, visionary, and accessible, The Real Business of Blockchain cuts through the hype and helps you unlock the vast capabilities of this powerful and potentially world-changing technology.

How to Not Screw Up Your Organization's Security

This book is the culmination of literally more than thirty thousand hands on practical hours of log review, log assessment, enterprise-level packet capture forensics, live dynamic malware analysis, behavior malware root-cause triage analysis, use-case data analysis, and more, which have led to the remediation of nation state systemic malware infection droppers, command-and-control-compromised computers, exfiltration from targeted attackers and insider attacks, and more. This book will get you and your security operation center teams started in the correct direction instead of sitting around, pretending to do security, and not get fired by your bosses when they find out. This book will save your career and show you where your security manager or security peer lied to you about technology that they never understood. All this and more is at your fingertips. You can reinvigorate your career with security results that have been proven by my hands. Everyone in security operation center life is struggling to get into a role that is promising, and they are struggling to find a way up. Information Security is an expertise-driven field. This book and the others that will follow such as

Consequence, Lies, Misconceptions, and Pains of Incompetent Security and Splunk Data Analysis Handbook and Cookbook for Everyone will invigorate your career and make you the envy of your peers. This may include your management, so be careful. Managers are scared of expertise. You will be in the driver's seat of data analysis, but first, you must walk through untying and unbinding all the broken premises and broken ideas that you have learned and relearned from year to year. You must unsubscribe to the bad notions that you take as commonplace watercooler talk. You need to do this now with this book. I will walk you through, step-by-step, to understand what is real security and what is fake security. This is where the rubber meets the road in breaking you free from the shackles of a silo-mentality or a silo-position. Too often crummy managers will leave you to rot in a security operations center with no growth and no hope to get out. This book is what you need to get your promotion somewhere else. Be the leader that you want to be. Be the discussion changer and not just the guy that nods and can never disagree or offer something fulfilling to a team. All the ideas contained in this book and the others come from results-proven security. This is not theory. This is technical, strategy guidance that is born from detecting the things that have put companies on the news, which have been hacked from exfiltration, insider attacks, nation-state botnet malware, ghost malware, network-level postcompromise, and so on. I have found them all using no alerts and no threat intelligence ever. This is the protection that you want.

Automated Software Testing

"This book by Lisa Tauxe and others is a marvelous tool for education and research in Paleomagnetism. Many students in the U.S. and around the world will welcome this publication, which was previously only available via the Internet. Professor Tauxe has performed a service for teaching and research that is utterly unique."—Neil D. Opdyke, University of Florida

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