

Integration Testing From The Trenches

Summary Java Testing with Spock teaches you how to use Spock for a wide range of testing use cases in Java. Readers new to Groovy will appreciate the succinct language tutorial that'll give you just enough Groovy to use Spock effectively. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Spock combines the features of tools like JUnit, Mockito, and JBehave into a single powerful Java testing library. With Spock, you use Groovy to write more readable and concise tests. Spock enables seamless integration testing, and with the intuitive Geb library, you can even handle functional testing of web applications. About the Book Java Testing with Spock teaches you how to use Spock for a wide range of testing use cases in Java. You'll start with a quick overview of Spock and work through writing unit tests using the Groovy language. You'll discover best practices for test design as you learn to write mocks, implement integration tests, use Spock's built-in BDD testing tools, and do functional web testing using Geb. Readers new to Groovy will appreciate the succinct language tutorial in chapter 2 that gives you just enough Groovy to use Spock effectively. What's Inside Testing with Spock from the ground up Write mocks without an external library BDD tests your business analyst can read Just enough Groovy to use Spock About the Reader Written for Java developers. Knowledge of Groovy and JUnit is helpful but not required. About the Author Konstantinos Kapelonis is a software engineer who works with Java daily. Table of Contents PART 1 FOUNDATIONS AND BRIEF TOUR OF SPOCK Introducing the Spock testing framework Groovy knowledge for Spock testing A tour of

Get Free Integration Testing From The Trenches

Spock functionality PART 2 STRUCTURING SPOCK TESTS

Writing unit tests with Spock Parameterized tests Mocking

and stubbing PART 3 SPOCK IN THE ENTERPRISE

Integration and functional testing with Spock Spock features for enterprise testing

Beginning with a survey of fundamental concepts associated with data integration, knowledge representation, and hypothesis generation from heterogeneous data sets,

Methods in Biomedical Informatics provides a practical survey of methodologies used in biological, clinical, and public health contexts. These concepts provide the foundation for more advanced topics like information retrieval, natural language processing, Bayesian modeling, and learning classifier systems. The survey of topics then concludes with an exposition of essential methods associated with engineering, personalized medicine, and linking of genomic and clinical data. Within an overall context of the scientific method, Methods in Biomedical Informatics provides a practical coverage of topics that is specifically designed for: (1) domain experts seeking an understanding of biomedical informatics approaches for addressing specific methodological needs; or (2) biomedical informaticians seeking an approachable overview of methodologies that can be used in scenarios germane to biomedical research. Contributors represent leading biomedical informatics experts: individuals who have demonstrated effective use of biomedical informatics methodologies in the real-world, high-quality biomedical applications Material is presented as a balance between foundational coverage of core topics in biomedical informatics with practical "in-the-trenches" scenarios. Contains appendices that function as primers on: (1) Unix; (2) Ruby; (3) Databases; and (4) Web Services. Stephens and Rosenberg examine XP in the context of existing methodologies and processes such as RUP, ICONIX,

Get Free Integration Testing From The Trenches

Spiral, RAD, DSDM, etc – and show how XP goals can be achieved using these existing processes.

Looks at the characteristics of brownfield applications and offers information on how to successfully take over the development of an existing application, covering such topics as coding, version control, automated testing, and continuous integration.

Russian-European political relations have always been problematic and one of the main reasons for this is the different perspectives on even the very basic notions and concepts of political life. With a worldwide recession, the problems as well as the opportunities in Russian-European relations are magnified. While most works on Russian-European, Russian-American and Russian-West relations focus on current policies and explain them from a standard set of explanatory variables, this book penetrates deeper into the structural and ideational differences that tend to bring about misperceptions, miscalculations, misinterpretations and misdeeds in this two-directional relationship. It applies a very broad conceptual framework to analyse differences that are as relevant for Europe and the EU as it is to Russia's immediate neighbours and, while doing so, identifies the key factors that will dominate Russia-EU ties in the next decade.

Summary Agile ALM is a guide for Java developers who want to integrate flexible agile practices and lightweight tooling along all phases of the software development process. The book introduces a new vision for managing change in requirements and process more efficiently and flexibly. It synthesizes technical and functional elements to provide a comprehensive approach to software development. About the Technology Agile Application Lifecycle Management (Agile ALM) combines flexible processes with lightweight tools in a comprehensive and practical approach to building, testing, integrating, and deploying software. Taking an agile approach

Get Free Integration Testing From The Trenches

to ALM improves product quality, reduces time to market, and makes for happier developers. About the Book Agile ALM is a guide for Java developers, testers, and release engineers. By following dozens of experience-driven examples, you'll learn to see the whole application lifecycle as a set of defined tasks, and then master the tools and practices you need to accomplish those tasks effectively. The book introduces state-of-the-art, lightweight tools that can radically improve the speed and fluidity of development and shows you how to integrate them into your processes. The tools and examples are Java-based, but the Agile ALM principles apply to all development platforms. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside A thorough introduction to Agile ALM Build an integrated Java-based Agile ALM toolchain Use Scrum for release management Reviewed by a team of 20 Agile ALM experts ===== Table of Contents PART 1 INTRODUCTION TO AGILE ALM Getting started with Agile ALM ALM and Agile strategiesPART 2 FUNCTIONAL AGILE ALM Using Scrum for release management Task-based developmentPART 3 INTEGRATION AND RELEASE MANAGEMENT Integration and release management Creating a productive development environment Advanced CI tools and recipesPART 4 OUTSIDE-IN AND BARRIER-FREE DEVELOPMENT Requirements and test management Collaborative and barrier-free development with Groovy and Scala This accessible introduction demonstrates a range of testing techniques in the context of a single worked example that runs throughout. Students can easily see the strengths and limitations of progressively more complex approaches in theory and practice. Test automation and the process of testing are emphasised.

Get Free Integration Testing From The Trenches

When you hit a rough spot in software development, it's nice to know that someone has been there before. The domain experts at ThoughtWorks share what they've learned in this anthology, bringing together the best field-tested insights in IT and software development. You'll benefit from their experience in areas from testing to information visualization, from object oriented to functional programming, from incremental development to driving innovation in delivery. You'll find yourself referring to this collection of solved problems whenever you need an expert's insight. This new collection of essays from the experts at ThoughtWorks offers practical insight and advice on a range of challenges faced daily by software developers and IT professionals. It covers a broad spectrum of software development topics, from tuning agile methodologies to hard-core language geekery. This anthology captures the wide-ranging intellect and diversity of ThoughtWorks, reflected through practical and timely topics. In it, you'll find from-the-trenches advice on topics such as continuous integration, testing, and improving the software delivery process. See how people use functional programming techniques in object-oriented languages, modern Java web applications, and deal with current problems in JavaScript development. Scan an overview of the most interesting programming languages today and the current state of information visualization. And it's all field-tested insight, because it comes from the practical perspective of ThoughtWorks experts. Each essay focuses on extending your skills and enlarging your toolkit. And each is drawn from practical experience gained in the field. You'll benefit from this book if you are involved in developing, deploying, or testing software, either as a manager or developer.

This book is for everyone who needs to test the web. As a tester, you'll automate your tests. As a developer, you'll build

Get Free Integration Testing From The Trenches

more robust solutions. And as a team, you'll gain a vocabulary and a means to coordinate how to write and organize automated tests for the web. Follow the testing pyramid and level up your skills in user interface testing, integration testing, and unit testing. Your new skills will free you up to do other, more important things while letting the computer do the one thing it's really good at: quickly running thousands of repetitive tasks. This book shows you how to do three things: How to write really good automated tests for the web. How to pick and choose the right ones. * How to explain, coordinate, and share your efforts with others. If you're a traditional software tester who has never written an automated test before, this is the perfect book for getting started. Together, we'll go through everything you'll need to start writing your own tests. If you're a developer, but haven't thought much about testing, this book will show you how to move fast without breaking stuff. You'll test RESTful web services and legacy systems, and see how to organize your tests. And if you're a team lead, this is the Rosetta Stone you've been looking for. This book will help you bridge that testing gap between your developers and your testers by giving your team a model to discuss automated testing, and most importantly, to coordinate their efforts. The Way of the Web Tester is packed with cartoons, graphics, best practices, war stories, plenty of humor, and hands-on tutorial exercises that will get you doing the right things, the right way.

This book aims to give you a head start by providing a detailed down-to-earth account of how one Swedish company implemented Scrum and XP with a team of approximately 40 people and how they continuously improved their process over a year's time. Under the leadership of Henrik Kniberg they experimented with different team sizes, different sprint lengths, different ways of defining "done," different formats for product backlogs and sprint backlogs, different testing

Get Free Integration Testing From The Trenches

strategies, different ways of doing demos, different ways of synchronizing multiple Scrum teams, etc. They also experimented with XP practices - different ways of doing continuous build, pair programming, test driven development, etc, and how to combine this with Scrum. This second edition is an annotated version, a "director's cut" where Henrik reflects upon the content and shares new insights gained since the first version of the book.

* Hardware/Software Partitioning * Cross-Platform Development * Firmware Debugging * Performance Analysis * Testing & Integration Get into embedded systems programming with a clear understanding of the development cycle and the specialized aspects of

You know the Agile and Lean development buzzwords, you've read the books. But when systems need a serious overhaul, you need to see how it works in real life, with real situations and people. Lean from the Trenches is all about actual practice. Every key point is illustrated with a photo or diagram, and anecdotes bring you inside the project as you discover why and how one organization modernized its workplace in record time. Lean from the Trenches is all about actual practice. Find out how the Swedish police combined XP, Scrum, and Kanban in a 60-person project. From start to finish, you'll see how to deliver a successful product using Lean principles. We start with an organization in desperate need of a new way of doing things and finish with a group of sixty, all working in sync to develop a scalable, complex system. You'll walk through the project step by step, from customer engagement, to the daily "cocktail party," version control, bug tracking, and release. In this honest look at what works--and what doesn't--you'll find out how to: Make quality everyone's business, not just the testers. Keep everyone moving in the same direction without micromanagement. Use simple and powerful metrics to aid in planning and process

Get Free Integration Testing From The Trenches

improvement. Balance between low-level feature focus and high-level system focus. You'll be ready to jump into the trenches and streamline your own development process. Enterprise Java developers must achieve broader, deeper test coverage, going beyond unit testing to implement functional and integration testing with systematic acceptance. Next Generation Java™ Testing introduces breakthrough Java testing techniques and TestNG, a powerful open source Java testing platform. Cédric Beust, TestNG's creator, and leading Java developer Hani Suleiman, present powerful, flexible testing patterns that will work with virtually any testing tool, framework, or language. They show how to leverage key Java platform improvements designed to facilitate effective testing, such as dependency injection and mock objects. They also thoroughly introduce TestNG, demonstrating how it overcomes the limitations of older frameworks and enables new techniques, making it far easier to test today's complex software systems. Pragmatic and results-focused, Next Generation Java™ Testing will help Java developers build more robust code for today's mission-critical environments. This book illuminates the tradeoffs associated with testing, so you can make better decisions about what and how to test. Introduces TestNG, explains its goals and features, and shows how to apply them in real-world environments. Shows how to integrate TestNG with your existing code, development frameworks, and software libraries. Demonstrates how to test crucial code features, such as encapsulation, state sharing, scopes, and thread safety. Shows how to test application elements, including JavaEE APIs, databases, Web pages, and XML files. Presents advanced techniques: testing partial failures, factories, dependent testing, remote invocation, cluster-based test farms, and more. Walks through installing and using TestNG plug-ins for Eclipse, and IDEA. Contains extensive code

Get Free Integration Testing From The Trenches

examples Whether you use TestNG, JUnit, or another testing framework, the testing design patterns presented in this book will show you how to improve your tests by giving you concrete advice on how to make your code and your design more testable.

For any software developer who has spent days in “integration hell,” cobbling together myriad software components, *Continuous Integration: Improving Software Quality and Reducing Risk* illustrates how to transform integration from a necessary evil into an everyday part of the development process. The key, as the authors show, is to integrate regularly and often using continuous integration (CI) practices and techniques. The authors first examine the concept of CI and its practices from the ground up and then move on to explore other effective processes performed by CI systems, such as database integration, testing, inspection, deployment, and feedback. Through more than forty CI-related practices using application examples in different languages, readers learn that CI leads to more rapid software development, produces deployable software at every step in the development lifecycle, and reduces the time between defect introduction and detection, saving time and lowering costs. With successful implementation of CI, developers reduce risks and repetitive manual processes, and teams receive better project visibility. The book covers How to make integration a “non-event” on your software development projects How to reduce the amount of repetitive processes you perform when building your software Practices and techniques for using CI effectively with your teams Reducing the risks of late defect discovery, low-quality software, lack of visibility, and lack of deployable software Assessments of different CI servers and related tools on the market The book’s companion Web site, www.integratebutton.com, provides updates and code examples.

Get Free Integration Testing From The Trenches

The first encompassing treatise of this new, but very important field puts the known physical limitations for classic 2D electronics into perspective with the requirements for further electronics developments and market necessities. This two-volume handbook presents 3D solutions to the feature density problem, addressing all important issues, such as wafer processing, die bonding, packaging technology, and thermal aspects. It begins with an introductory part, which defines necessary goals, existing issues and relates 3D integration to the semiconductor roadmap of the industry. Before going on to cover processing technology and 3D structure fabrication strategies in detail. This is followed by fields of application and a look at the future of 3D integration. The contributions come from key players in the field, from both academia and industry, including such companies as Lincoln Labs, Fraunhofer, RPI, ASET, IMEC, CEA-LETI, IBM, and Renesas.

How to create a simulation where participants have a sense of freedom and personal control while still maintaining the structure necessary for an effective story is a difficult task indeed. This book examines how to create an engaging, effective story (necessary to teach participants), while relating practical considerations of building a simulation. It also looks at stories as classic ways of teaching and gathering knowledge and considers other theories of interactive narrative design such as synthetic story creation and management and participant-generated story experiences. It also discusses enabling technologies in artificial intelligence, synthetic characters design and development, speech

Get Free Integration Testing From The Trenches

recognition technology, 3D modelling, and the future of story-driven games. Story Driven Simulations reviews the existing efforts in this field as well as focusing on the recent efforts of Paramount Pictures and The Institute for Creative Technologies at the University of Southern California, where this expert author team created successful simulations for the U.S. Army, Department of Defense, as well as other educational simulations.

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.

This edition is a straightforward view of a clinical data warehouse development project, from Inception through Implementation and follow-up. Through first-hand experiences from Individuals charged with the Implementation, this book offers guidance and multiple perspectives on the data warehouse development process--from the Initial vision to system-wide release.

The book provides valuable lessons learned during a data warehouse Implementation at King Faisal Specialist Hospital and Research Center (KFSH&RC) in Riyadh, Saudi Arabia, a large, modern, tertiary-care hospital with an IT environment that parallels a typical U.S. hospital.

Integration Testing from the Trenches
Monsieur Nicolas Frankel

In test driven development, you first write an executable test of what your application code must do. Only then do you write the code itself and, with the test spurring you on, you improve your design. In acceptance test driven development (ATDD), you use the same technique to

Get Free Integration Testing From The Trenches

implement product features, benefiting from iterative development, rapid feedback cycles, and better-defined requirements. TDD and its supporting tools and techniques lead to better software faster. Test Driven brings under one cover practical TDD techniques distilled from several years of community experience. With examples in Java and the Java EE environment, it explores both the techniques and the mindset of TDD and ATDD. It uses carefully chosen examples to illustrate TDD tools and design patterns, not in the abstract but concretely in the context of the technologies you face at work. It is accessible to TDD beginners, and it offers effective and less well-known techniques to older TDD hands. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Learn hands-on to test drive Java code How to avoid common TDD adoption pitfalls Acceptance test driven development and the Fit framework How to test Java EE components-Servlets, JSPs, and Spring Controllers Tough issues like multithreaded programs and data access code

Famed author Jack Ganssle has selected the very best embedded systems design material from the Newnes portfolio and compiled into this volume. The result is a book covering the gamut of embedded design—from hardware to software to integrated embedded systems—with a strong pragmatic emphasis. In addition to specific design techniques and practices, this book also discusses various approaches to solving embedded design problems and how to successfully apply theory to

Get Free Integration Testing From The Trenches

actual design tasks. The material has been selected for its timelessness as well as for its relevance to contemporary embedded design issues. This book will be an essential working reference for anyone involved in embedded system design! Table of Contents: Chapter 1. Motors - Stuart Ball Chapter 2. Testing – Arnold S. Berger Chapter 3. System-Level Design – Keith E. Curtis Chapter 4. Some Example Sensor, Actuator and Control Applications and Circuits (Hard Tasks) – Lewin ARW Edwards Chapter 5. Installing and Using a Version Control System – Chris Keydel and Olaf Meding Chapter 6. Embedded State Machine Implementation - Martin Gomez Chapter 7. Firmware Musings – Jack Ganssle Chapter 8. Hardware Musings – Jack Ganssle Chapter 9. Closed Loop Controls, Rabbits, and Hounds - John M. Holland Chapter 10. Application Examples David J. Katz and Rick Gentile Chapter 11. Analog I/Os – Jean LaBrosse Chapter 12. Optimizing DSP Software – Robert Oshana Chapter 13. Embedded Processors – Peter Wilson *Hand-picked content selected by embedded systems luminary Jack Ganssle *Real-world best design practices including chapters on FPGAs, DSPs, and microcontrollers *Covers both hardware and software aspects of embedded systems Implement JPA repositories and harness the performance of Redis in your applications. Software development is a complex craft requiring many steps in its road to completion. In particular, achieving the best context-dependent ratio between cost and quality can only be achieved through an adequate testing strategy. "Integration Testing from the Trenches" covers

Get Free Integration Testing From The Trenches

through different areas of testing and integration tests in both Java & JavaEE ecosystems: Definitions of relevant terms around testing and integration testing Basic testing tools usable for testing Build tools usage for integration testing, including recipes for Maven and Gradle Mocks, stubs and fakes, in particular in regard to infrastructure resources such as databases, mail and FTP servers, web services In-container testing for the Spring and Spring MVC applications In-container testing for JavaEE application This book is intended for software developers that want to go beyond just unit-testing and test the collaboration of their classes and modules in an efficient way. At some point in time, available tools were restricted to Jakarta Cactus for Struts. However, the thriving Open Source ecosystem can now provide everything we need to provide proper integration tests, as well as ways to use them with the greatest possible Return Over Investment.

The world of M&A has always been complex and nuanced. Corporations encounter their toughest business problems during a divestiture or a merger. At the same time, optimal execution of divestitures can also create high value for the seller as well as the buyer. This book is a collection of leading practices on Divestitures and covers end to end transaction life cycle from readiness through execution including post deal transformation. It contains the synthesis of experiences across a wide array of clients across industries, ranging from \$500 million to \$100 billion in revenue. Each chapter in this book can stand on its own as an authority on leading practices related to the topic it presents, and

Get Free Integration Testing From The Trenches

together, these chapters provide a comprehensive set of perspectives needed to successfully complete a divestiture. The highlight of the book is valuable real-life examples and references that a business can benefit from, when it is considering, analyzing or implementing a divestiture.

Offers advice on designing and implementing a software test automation infrastructure, and identifies what current popular testing approaches can and cannot accomplish. Rejecting the automation life cycle model, the authors favor limited automation of unit, integration, and system testing. They also present a control synchronized data-driven framework to help jump-start an automation project. Examples are provided in the Rational suite test studio, and source code is available at a supporting web site. Annotation copyrighted by Book News, Inc., Portland, OR.

Today, software engineers need to know not only how to program effectively but also how to develop proper engineering practices to make their codebase sustainable and healthy. This book emphasizes this difference between programming and software engineering. How can software engineers manage a living codebase that evolves and responds to changing requirements and demands over the length of its life? Based on their experience at Google, software engineers Titus Winters and Hyrum Wright, along with technical writer Tom Manshreck, present a candid and insightful look at how some of the world's leading practitioners construct and maintain software. This book covers Google's unique engineering culture, processes, and

Get Free Integration Testing From The Trenches

tools and how these aspects contribute to the effectiveness of an engineering organization. You'll explore three fundamental principles that software organizations should keep in mind when designing, architecting, writing, and maintaining code: How time affects the sustainability of software and how to make your code resilient over time How scale affects the viability of software practices within an engineering organization What trade-offs a typical engineer needs to make when evaluating design and development decisions

This third edition to the award-winning book is a straightforward view of a clinical data warehouse development project, from inception through implementation and follow-up. Through first-hand experiences from individuals charged with such an implementation, this book offers guidance and multiple perspectives on the data warehouse development process – from the initial vision to system-wide release. The book provides valuable lessons learned during a data warehouse implementation at King Faisal Specialist Hospital and Research Center (KFSH&RC) in Riyadh, Saudi Arabia – a large, modern, tertiary-care hospital with an IT environment that parallels a typical U.S. hospital. This book also examines the value of the data warehouse from the perspectives of a large healthcare system in the U.S. and a corporate health services business unit. Special features of the book include a sample RFP, data warehouse project plan, and information analysis template. A helpful glossary and acronyms list are included.

Get Free Integration Testing From The Trenches

The field of materials and process integration for MEMS research has an extensive past as well as a long and promising future. Researchers, academicians and engineers from around the world are increasingly devoting their efforts on the materials and process integration issues and opportunities in MEMS devices. These efforts are crucial to sustain the long-term growth of the MEMS field. The commercial MEMS community is heavily driven by the push for profitable and sustainable products. In the course of establishing high volume and low-cost production processes, the critical importance of materials properties, behaviors, reliability, reproducibility, and predictability, as well as process integration of compatible materials systems become apparent. Although standard IC fabrication steps, particularly lithographic techniques, are leveraged heavily in the creation of MEMS devices, additional customized and novel micromachining techniques are needed to develop sophisticated MEMS structures. One of the most common techniques is bulk micromachining, by which micromechanical structures are created by etching into the bulk of the substrates with either anisotropic etching with strong alk:ali solution or deep reactive-ion etching (DRIB). The second common technique is surface micromachining, by which planar microstructures are created by sequential deposition and etching of thin films on the surface of the substrate, followed by a final removal of sacrificial layers to release suspended structures. Other techniques include deep lithography and plating to create metal structures with high aspect ratios (LIGA), micro electrodischarge machining (J.

Get Free Integration Testing From The Trenches

One definition of leverage is using something to maximum advantage. The goal for every software development project should be to utilize every asset - everything you've previously built, everything your team learned about the business needs and domain, and every skill and bit of expertise in a technology platform. Utilize these previous investments rather than creating them new every single time. Not only is it wasteful and expensive to rebuild assets that have already been created, it jeopardizes your company's success. Key questions addressed in *The Leverage Principle*: - How can I streamline our software development projects and decrease waste? - How can I quantify our technical debt? - How can I manage code complexity? - What are some effective methods for working with legacy code? - How can DevOps be more effectively managed? - How can I build high performance development teams? *The Leverage Principle* offers techniques for extending software life, reducing cost, and streamlining project development and operations. The overall approach is pragmatic rather than academic. This book is written by an engineer, rather than a manager, resulting in an "in the trenches" feel. This book assumes familiarity with Agile, Scrum, Test Driven Development, Continuous Integration, Refactoring, Reviews, Incremental Development, Continuous Delivery, Acceptance Testing, Unit Testing, and System Testing.

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

Get Free Integration Testing From The Trenches

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.

Janet Gregory and Lisa Crispin pioneered the agile

Get Free Integration Testing From The Trenches

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

Get Free Integration Testing From The Trenches

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.

[Copyright: 6fe198c6737b9c6fa3fd033b87d2374c](#)