

Managing Agile as Well as the less obvious aspects of managing Microsoft Team Foundation Server 2015 in a variety of development and test environments. Coverage includes basic installation, initial configuration, maintenance, and common trouble shooting techniques, sizing, and performance considerations. Essentials of Administering Team Foundation Server 2015 explains how TFS can help you incorporate source control in your development environment. You'll learn how to set up TFS to match how you develop software. The book covers using TFS in the whole development process, along with practical advice on how to use its features effectively to get up to speed quickly. In addition, the author dives into using TFS in your team covering subjects like setting up accounts for different roles, manage users, and groups-plus what you need to know about TFS security and running a secure team. No discussion of a centralized system like TFS would be complete without learning how to back up and restore it, and the author covers what you will need to know to maintain your TFS including the backup and restore details required to properly plan for disaster recovery. The book details what you need to know about TFS functionality in creating and setting up collections and projects, how to manage the build process with Team Build (including setting it up and deploying build server and agents), using templates to speed up the creation of builds, building multi-platform solutions, and testing. In this book, you'll learn how to: Plan, install, and configure TFS Secure your TFS Environment Plan and manage source control with TFS Manage the development process with TFS Manage the build process with TFS Provides recommendations and cases to help with the implementation of Scrum.

Beginning Application Lifecycle Management is a guide to an area of rapidly growing interest within the development community: managing the entire cycle of building software. ALM is an area that spans everything from requirements specifications to retirement of an IT-system or application. Because its techniques allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, the benefits and effects of ALM techniques used on your project can be wide-ranging and pronounced. In this book, author Joachim Rosberg will show you what ALM is and why it matters. He will also show you how you can assess your current situation and how you can use this assessment to create the road ahead for improving or implementing your own ALM process across all of your team's development efforts. Beginning Application Lifecycle Management can be implemented on any platform. This book will show you Microsoft Team Foundation Server as a foundation in many examples, but the key elements are platform independent and you'll find the book written in a platform agnostic way. In this book, you'll learn: What application lifecycle management is and why it matters. The steps necessary for implementing an ALM process. Tips and techniques you can use to gain control of your development efforts. How to implement an agile framework into your ALM process How to achieve traceability and visibility in your projects How to automate your ALM process

This book is intended for developers, testers, architects, and project managers who want to explore and make use of the reporting facilities of Team Foundation Server 2013. Although no previous experience of reporting is required, a basic understanding of the Team Foundation Components and project templates would be a plus. Learn about Azure DevOps Services to successfully apply DevOps strategies Agile Project Management with Kanban Beginning Application Lifecycle Management Concepts, Templates, and Metrics Microsoft Team Foundation Server 2015 Cookbook Why Agile Works

Make the right architectural decisions up front—and improve the quality and reliability of your results. Led by two enterprise programming experts, you'll learn how to apply the patterns and techniques that help control project complexity—and make systems easier to build, support, and upgrade—right from the start. Get pragmatic architectural guidance on how to: Build testability, maintainability, and security into your system early in the design Expose business logic through a service-oriented interface Choose the best pattern for organizing business logic and behavior Review and apply the patterns for separating the UI and presentation logic Delve deep into the pros and practices for the data access layer Tackle the impedance mismatch between objects and data Minimize development effort and avoid over-engineering, and deliver more robust results Get code samples on the Web. Team Foundation Server is now for everyone! Team Foundation Server is an integral part of Microsoft's Application Lifecycle Management suite for managing and delivering software projects. The 2013 update has opened up TFS for everyone by expanding capabilities to support iOS, MacOS, Android, and Java development. Professional Team Foundation Server 2013 covers the latest updates for Agile Project Management, Test-Case Management, and shows new users the TFS workflow for managing and delivering products. The authors leverage their positions as MVP Microsoft insiders to guide you step-by-step through all things TFS, as well as help prepare you for the Team Foundation Server Certification Exam. Provides a broad overview of Team Foundation Server for developers, software project managers, testers, business analysts, and others wanting to learn how to use TFS Gives TFS administrators the tools they need to efficiently monitor and manage the TFS environment Covers core TFS functions including project management, work item tracking, version control, test case management, build automation, reporting Explains extensibility options and how to write extensions for TFS Helps certification candidates prepare for the Microsoft Team Foundation Server 2013 certification exam Professional Team Foundation Server 2013 is the ultimate guide to mastering this invaluable developer's tool.

This book will help you get started with agile project management using Microsoft's latest releases of its market-leading Team Foundation Server (TFS) 2015, and Visual Studio Team Services (VSTS). The book demonstrates agile concepts and how to implement them using TFS/VSTS. Many organizations are using agile practices today. Agility has become a key enabler for running better projects with more successful end results and high quality output. At the same time, adoption of TFS/VSTS has increased dramatically, from being just a new version control system in the very beginning to becoming the fully-featured market leader it is today. In order to keep the most from agile practices you need an Application Lifecycle Management (ALM) toolset that supports your way of working. With TFS/VSTS, Microsoft has provided a powerful tool that is very customizable. This book shows you how you can use TFS/VSTS to implement many agile practices and how they fit into a well-thought-out ALM implementation. The book also shows how an agile product owner can work with TFS/VSTS to setup an agile project from scratch and how to continue using TFS/VSTS throughout the whole project to track progress, create and refine the backlog, and work with Kanban and Scrum Task boards. Keeping track of progress is important and TFS/VSTS includes many tools which will help you to track key metrics in an agile project. Many useful reports are available out of the box, and the TFS extensibility offers several ways to further customize reporting to fit your needs. What You Will Learn: Agile Concepts and Processes How TFS/VSTO supports agile processes end to end How you can customize TFS/VSTO to better support your processes How to set up an agile project from scratch and manage it over its lifecycle

A wealth of open and free software is available today for Windows developers who want to extend the development environment, reduce development effort, and increase productivity. This extensibility guide explores more than 100 current and up source tools available to programmers who build applications for Windows desktops and servers.

Professional Team Foundation Server 2013 Principles and Practices for an Adaptive Approach Hands-on Azure Boards

Professional Application Lifecycle Management with Visual Studio 2010 Pro Application Lifecycle Management with Visual Studio 2012

Continuous Delivery with Visual Studio ALM 2015

Discover how to turn requirements into working software increments—faster and more efficiently—using Visual Studio 2012 in combination with Scrum and Agile engineering practices. Designed for software development teams, this guide delivers pragmatic, role-based guidance for exploiting the capabilities of Application Lifecycle Management (ALM) tools in Visual Studio and Team Foundation Server. Team members will learn proven practices and techniques for implementing Scrum to manage an application's life cycle, as well as seamlessly plan, manage, and track their Scrum projects. Ramp up your software development with this comprehensive resource Microsoft's Application Lifecycle Management (ALM) makes software development easier and now features support for iOS, MacOS, Android, and Java development. If you are an application developer, some of the important factors you undoubtedly consider in selecting development frameworks and tools include agility, seamless collaboration capabilities, flexibility, and ease of use. Microsoft's ALM suite of productivity tools includes new functionality and extensibility that are sure to grab your attention. Professional Application Lifecycle Management with Visual Studio 2013 provides in-depth coverage of these new capabilities. Authors Mickey Goussel, Martin Hinshelwood, Brian A. Randall, Brian Keller, and Martin Woodard are Visual Studio and ALM experts, and their hands-on approach makes adopting new ALM functionality easy. Streamline software design and deployment with Microsoft tools and methodologies Gain a practical overview of ALM with step-by-step guides and reference material Case studies illustrate specific functionality and provide in-depth instruction Use new capabilities to support iOS, MacOS, Android and Java development Discover a comprehensive solution for modeling, designing, and coordinating enterprise software deployments Over 100 pages of new content, forward-compatible with new product releases Professional Application Lifecycle Management with Visual Studio 2013 provides a complete framework for using ALM to streamline software design and deployment processes using well-developed Microsoft tools and methodologies. Professional Application Lifecycle Management with Visual Studio 2013 is your guide to make use of newly-available ALM features to take your enterprise software development to the next level.

Agile development processes foster better collaboration, innovation, and results. So why limit their use to software projects—when you can transform your entire business? Written by agile-mentoring expert Jochen Krebs, this book illuminates the opportunities—and rewards—of applying agile processes to your overall IT portfolio. Whether project manager, business analyst, or executive—you'll understand the business drivers behind agile portfolio management. And learn best practices for optimizing results. Use agile processes to align IT and business strategy Adapt and extend core agile processes Orchestrate the collaboration between IT and business vision Eliminate wish-list driven requirements, and manage expectations instead Optimize the balance of projects, resources, and assets in your portfolio Use metrics to communicate project status, quality, even team morale Create a portfolio strategy consistent with the goals of the organization Achieve organizational and process transparency Manage your business with agility—and help maximize the returns!

Use Visual Studio® Team Foundation Server 2012 and Agile Methods to Deliver Higher Value Software Faster This is the definitive guide to applying agile development and modern software engineering practices with Visual Studio Team Foundation Server 2012—Microsoft's complementary Application Lifecycle Management (ALM) platform. Written by the Microsoft Visual Studio product owner and a long-time Team Foundation Server implementation specialist, it focuses on solving real development challenges, systematically eliminating waste, improving transparency, and delivering better software more quickly and painlessly. Coverage includes: • Accelerating the "flow of value" to customers, with a transparent backlog, PowerPoint Storyboarding, VS 2012 feedback requests, and a "usability lab" right into your customers' hands • Driving quality upstream to uncover hidden architectural patterns, ensure cleaner code, fix multiple recurring "cloned" bugs at once, ensure the definition of done with continuous integration and deployment in a reliable build process • Eliminating "no repro" bugs with VS 2012's six powerful mechanisms for more accurate fault identification and use of user test environments • Learning requirements from ExcelPlan, track, and monitor progress using self-updating boards, Sprint and Kanban boards, and the features of Git by using branch policies, Git pull requests, forks, and Git hooksBuild and release .NET core, SQL, and Node.js applications using Azure PipelinesAutomate testing by integrating Microsoft and open source testing frameworksExtend Azure DevOps Server to a million developer ecosystemsWho this book is for This book is for anyone looking to effectively use TFS DevOps techniques in their software development lifecycle including developers, testers, architects, configuration analysts, site reliability engineers, and release managers. If you are a new user you'll learn how to get started; if you are an experienced user you'll learn how to launch your project into a modern and mature DevOps enabled software development team.

Over 80 hands-on DevOps and ALM-focused recipes for Scrum Teams to enable the Continuous Delivery of high-quality Software... Fast! About This Book Release high quality, reliable software quickly through building, testing, and deployment automation Improve the predictability, reliability, and availability of TFS in your organization by scheduling administration and maintenance activities Extend, customize, and integrate tools with TFS, enabling your teams to manage their application lifecycles effectively Who This Book Is For This book is aimed at software professionals including Developers, Testers, Architects, Configuration Analysts, and Release Managers who want to understand the capabilities of TFS to deliver better quality software faster. A working setup of TFS 2015 and some familiarity with the concepts of software life cycle management is assumed. What You Will Learn Creating a Team Project with Dashboards, Assigning License, Adding users, and Auditing Access Setting up a Git repository in an existing TFVC-based Team Project Setting up branch policies and conducting Pull requests with code reviews Mapping, assigning and tracking work items shared by multiple teams Setting up and customizing Backlogs, Kanban board, Sprint Taskboard, and dashboards Creating a Continuous Integration, Continuous Build, and Release Pipeline Integrating SonarQube with TFSBuild to manage Technical Debt Triggering Selenium Web Tests on a Selenium Test Grid using TFSBuild Using Visual Studio Team Services Cloud load testing capability with new Build Framework Extending and customizing the capabilities of Team Foundation Server using API and Process Editor In Detail Team Foundation Server (TFS) allows you to manage code repositories, build processes, test infrastructure, and deploy labs. TFS supports your team, enabling you to connect, collaborate, and deliver on time. Microsoft's approach to building Application Lifecycle Management (ALM) provides a flexible environment that adapts to the needs of your team, removes barriers between roles, and streamlines processes. The book introduces you to creating and setting up team projects for scrum teams. You'll explore various source control repositories, branching, and merging activities, along with a demonstration of how to embed quality into every code check-in. Then, you'll discover agile project planning and management tools. Later, emphasis is given to the testing and release management features of TFS which facilitate the automation of the release pipeline in order to create potentially shippable increments. By the end of the book, you'll have learned to extend and customize TFS plugins to incorporate them into other platforms and enable teams to manage the software lifecycle effectively. Style and approach This book is a recipe-based guide that uses a problem-solution format to call out inefficiencies in the software development lifecycle and then guides you, step-by-step, on how you can use Team Foundation Server to your advantage in those areas.

The #1 guide to using Visual Studio 2010 in team development: insider coverage of this huge release, from the leader of the VSTS team * Focuses on succeeding with new VS 2010 ALM products in real-world environments, with exclusive 'Lessons Learned at Microsoft.' *Thoroughly covers VS 2010's massive new capabilities for team development. *Contains extensive new coverage of implementing Scrum and related practices. *Covers the entire lifecycle: requirements, architecture, construction, build, test, and more This is the most practical, valuable guide for every member of the software team who intends to run or participate in software projects using Microsoft's Visual Studio 2010. Written by a top Microsoft Visual Studio development team leader and a leading Visual Studio implementation consultant, it focuses on the real challenges development organizations face. The authors identify powerful lessons and best practices learned at Microsoft, and cover the entire development lifecycle, from requirements gathering through testing and beyond. This edition adds extensive coverage of VS 2010's extensive new team features, as well as new coverage of using VS 2010 to actively support teams that practice Scrum. Throughout, the authors focus on showing how to use VS 2010 to reduce waste, increase transparency, and accelerate the flow of value to the end customer. Coverage includes: * Requirements: vision, user stories, use cases, storyboards, and user stories * Running the project: self-managing teams, metrics, sprints, and dashboards *Value-up views of software architecture, construction, and testing *Build and lab: check-in, team build, continuous integration, build verification tests, reporting, deployment, and lab automation/virtualization. *Troubleshooting the project: overcoming issues ranging from scope creep to build failures

The rules and practices for Scrum—a simple process for managing complex projects—are few, straightforward, and easy to learn. But Scrum's simplicity itself—its lack of prescription—can be disarming, and new practitioners often find themselves reverting to old project management habits and yielding lesser results. In this illuminating series of case studies, Scrum co-creator and evangelist Ken Schwaber identifies the real-world lessons—the successes and failures—culled from his years of experience coaching companies in agile project management. Through them, you'll understand how to use Scrum to solve complex problems and drive better results—delivering more valuable software faster. Gain the foundation in Scrum theory—and practice—you need to: Rein in even the most complex, unwieldy projects Effectively manage unknown or changing product requirements Simplify the chain of command with self-managing development teams Receive clearer specifications—and feedback—from customers Greatly reduce project planning time and required tools Build—and release—products in 30-day cycles so clients get deliverables earlier Avoid missteps by regularly inspecting, reporting on, and fine-tuning projects Support multiple teams working on a large-scale project from many geographic locations Maximize return on investment!

Architecting Applications for the Enterprise

Professional Scrum Development with Microsoft Visual Studio 2012

A Guide for Scrum Masters

Succeeding with Agile

Software Development Using Scrum

Turbocharge Windows Development with More Than 170 Free and Open Source Tools

Learn the details of the most highly recommended practices of software development using the latest version of Visual Studio 2015. Recommended practices are grouped by development phase and explained in far more detail than the typical tips and tricks compilations. This book also contains detailed coverage of recognized patterns and practices used to create software in a timely manner with expected quality in the context of using specific Visual Studio 2015 features. Creating software is part defined process and part empirical process. While there is no single "best" process to employ in all development scenarios, MVP author Peter Ritchie helps readers navigate the complexity of development options and decide which techniques and Visual Studio 2015 features to use based on the needs of their particular project. Readers will learn practices such as those related to working in teams, design and architecture, refactoring, source code control workflows, unit testing, performance testing, coding practices, use of common patterns, code analysis, IDE extensions, and more. What You Will Learn Use patterns and practices within Visual Studio Implement practices of software creation Work in teams Develop workflows for software projects Who This Book Is For Beginning and intermediate software developers and architects

Streamline project workflow with expert agile implementation The Project Management Profession is beginning to go throughrapid and profound transformation due to the widespread adoption ofagile methodologies. Those changes are likely to dramaticallychange the role of project managers in many environments as we haveknown them and raise the bar for the entire project managementprofession; however, we are in the early stages of thattransformation and there is a lot of confusion about the impact it has on project managers: There are many stereotypes and misconceptions that exist aboutboth Agile and traditional plan-driven project management, Agile and traditional project management principles andpractices are treated as separate and independent domains ofknowledge with little or no integration between the two andsometimes seen as in conflict with each other Agile and "Waterfall" are thought of as two binary,mutually-exclusive choices and companies sometimes try to force-fittheir business and projects to one of those extremes when the rightsolution is to fit the approach to the project It's no wonder that many Project Managers might beconfused by all of this! This book will help project managersunravel a lot of the confusion that exists; develop a totally newperspective to see Agile and traditional plan-driven projectmanagement principles and practices in a new light as complementaryto each other rather than competitive; and learn to develop anadaptive approach to blend those principles and practices together in the right proportions to fit any situation. There are many books on Agile and many books on traditionalproject management but what's very unique about this book isthat it takes an objective approach to help you understand thestrengths and weaknesses of both of those areas to see how they canwork synergistically to improve project outcomes in anyproject. The book includes discussion topics, real world casestudies, and sample enterprise-level agile frameworks thatfacilitate hands-on learning as well as an in-depth discussion of the principles behind both Agile and traditional plan-drivenproject management practices to provide a more thorough level ofunderstanding.

Gain the essential knowledge to use VSTS/TFS effectively to empower your Agile teams. This book provides a deep analysis into issues Agile teams may face and how to overcome them by adopting and implementing the proper tools. Rather than just review VSTS/TFS features, this book provides proven solutions to the challenges in building better Agile teams. You'll see how to handle small teams and how to facilitate large teams to support large scale projects. You'll also learn to work with distributed teams in different geo locations, which will deepen your ability to get successful project/product outcomes from your teams. Special focus is given to creating long term sustainability to effectively manage a backlog/portfolio backlog. You'll explore how to work with stakeholders closely to better understand a project's requirements and review how to perform the post execution analysis and planning for next development cycle and forecasting. What You'll Learn Handle large team teams and distributed teams with VSTS/TFS. Run Agile team functions Review requirements to delivery traceability, with visibility and accountability Overcome challenges and avoid common pitfalls with Agile teams Who This Book Is For Scrum masters, project managers, team leads, Agile team members or anyone who handles and involves in the enterprise software delivery process.

A comprehensive guide to using Microsoft Team Foundation Server 2012 Team Foundation Server has become the leading Microsoft productivity tool for software management, and this book covers what developers need to know to use it effectively. Fully revised for the new features of TFS 2012, it provides developers and software project managers with step-by-step instructions and even assists those who are studying for the TFS 2012 certification exam. You'll find a broad overview of TFS, thorough coverage of core functions, a look at extensibility options, and more, written by Microsoft insiders and MVPs. An update of the leading Wrox book on Team Foundation Server, written by an expert team of Microsoft insiders and MVPs Provides a broad overview of Team Foundation Server for developers, software project managers, testers, business analysts, and others wanting to learn how to use TFS Offers administrators the necessary tools to efficiently monitor and manage the TFS environment Covers core TFS functions including project management, work item tracking, version control, test case management, build automation, reporting, and how to write extensions for TFS 2012 Professional Team Foundation Server 2012 builds on the proven Wrox Professional formula to give you a solid background in this software management tool.

Better Software Development for Agile Teams

Microsoft .NET – Architecting Applications for the Enterprise

Agile Project Management with Azure DevOps

From Concept to Continuous Feedback

Pro Team Foundation Service

Agile Project Management using Team Foundation Server 2015

A comprehensive guide to becoming a skilled Azure DevOps engineer Key FeaturesExplore a step-by-step approach to designing and creating a successful DevOps environmentUnderstand how to implement continuous integration and continuous deployment pipelines on AzureIntegrate and implement security, compliance, containers, and databases in your DevOps strategiesBook Description Implementing Azure DevOps Solutions helps DevOps engineers and administrators to leverage Azure DevOps Services to master practices such as continuous integration and continuous delivery (CI/CD), containerization, and zero downtime deployments. This book starts with the basics of continuous integration, continuous delivery, and automated deployments. You will then learn how to apply configuration management and Infrastructure as Code (IaC) along with managing databases in DevOps scenarios. Next, you will delve into fitting security and compliance with DevOps. As you advance, you will explore how to instrument applications, and gather metrics to understand application usage and user behavior. The latter part of this book will help you implement a container build strategy and manage Azure Kubernetes Services. Lastly, you will understand how to create your own Azure DevOps organization, along with covering quick tips and tricks to confidently apply effective DevOps practices. By the end of this book, you'll have gained the knowledge you need to ensure seamless application deployments and business continuity. What you will learnGet acquainted with Azure DevOps Services and DevOps practicesImplement CI/CD processesBuild and deploy a CI/CD pipeline with automated testing on AzureIntegrate security and compliance in pipelinesUnderstand and implement Azure Container ServicesBecome well versed in closing the loop from production back to developmentWho this book is for This DevOps book is for software developers and operations specialists interested in implementing DevOps practices for the Azure cloud. Application developers and IT professionals with some experience in software development and development practices will also find this book useful. Some familiarity with Azure DevOps basics is an added advantage.

A comprehensive treatment of systems and software testing using state of the art methods and tools This book provides valuable insights into state of the art software testing methods and explains, with examples, the statistical and analytic methods used in this field. Numerous examples are used to provide understanding in applying these methods to real-world problems. Leading authorities in applied statistics, computer science, and software engineering present state-of-the-art methods addressing challenges faced by practitioners and researchers involved in system and software testing. Methods include: machine learning, Bayesian methods, graphical models, experimental design, generalized regression, and reliability modeling. Analytic Methods in Systems and Software

Testing presents its comprehensive collection of methods in four parts: Part I: Testing Concepts and Methods; Part II: Statistical Models; Part III: Testing Infrastructures; and Part IV: Testing Applications. It seeks to maintain a focus on analytic methods, while at the same time offering a contextual landscape of modern engineering, in order to introduce related statistical and probabilistic models used in this domain. This makes the book an incredibly useful tool, offering interesting insights on challenges in the field for researchers and practitioners alike. Compiles cutting-edge methods and examples of analytical approaches to systems and software testing from leading authorities in applied statistics, computer science, and software engineering Combines methods and examples focused on the analytic aspects of systems and software testing Covers logistic regression, machine learning, Bayesian methods, graphical models, experimental design, generalized regression, and reliability models Written by leading researchers and practitioners in the field, from diverse backgrounds including research, business, government, and consulting Stimulates research at the theoretical and practical level Analytic Methods in Systems and Software Testing is an excellent advanced reference directed toward industrial and academic readers whose work in systems and software development approaches or surpasses existing frontiers of testing and validation procedures. It will also be valuable to post-graduate students in computer science and mathematics.

This is the definitive guide to maximizing the value of today's Scrum and DevOps methodologies with state-of-the-art Microsoft cloud tools and services, including Azure DevOps Services, specifically Azure Boards and Azure Test Plans. Renowned Scrum expert Richard Hundhausen has comprehensively revamped and updated his classic Professional Scrum Development with Microsoft Visual Studio 2012 to reflect the latest Scrum Guide, Microsoft's breakthrough development tools, GitHub integration, and developers' deeper experience with Scrum. Professional Scrum Development with Azure DevOps stands apart from all other Scrum and Azure guides by focusing on the fusion of today's most popular agile framework (Scrum) and ALM/DevOps toolset (Azure DevOps). Hundhausen shows how a professional Scrum team can more effectively plan, track, and manage its work with Azure Boards, Azure Test Plans, and related Azure DevOps features. He offers detailed coverage of team formation, backlogs, sprints, test plans, collaboration, flow, continuous improvement, and the real-world tradeoffs between using tools and interacting directly with other team members. To make this guide even more valuable, Hundhausen has crafted it to complement Scrum.org's popular Professional Scrum Developer (PSD) program, which he personally created with Scrum.org's Ken Schwaber.

Get up to speed on Application Lifecycle Management (ALM) with Visual Studio 2010 through a combination of hands-on instruction and deep-dives. Microsoft has packed a lot of brand new testing and modeling tools into Visual Studio 2010, tools that previously were available only to Microsoft internal development teams. Developers will appreciate the focus on practical implementation techniques and best practices. A team of Microsoft insiders provides a nuts-and-bolts approach. This Wrox guide is designed as both a step-by-step guide and a reference for modeling, designing, and coordinating software development solutions at every level using Visual Studio 2010 and Visual Studio Team Foundation Server 2010. Visual Studio 2010 offers a complete lifecycle management system that covers modeling, testing, code analysis, collaboration, build and deployment tools.

Adopting Agile Software Practices: From Backlog to Continuous Feedback

Leveraging Continuous Delivery for Your Business

Agile Portfolio Management

Visual Studio Team Foundation Server 2012

Professional Scrum with Team Foundation Server 2010

Proven recipes to accelerate your DevOps journey with Azure DevOps Server 2019 (formerly TFS), 2nd Edition

Take your expertise to the next level by unraveling various techniques to customize TFS 2015 About This Book Learn how to efficiently modify your TFS-specific dashboards for complex server plugins Find out the pros and cons of various extension points and customizations in TFS A fast-paced guide with highly concentrated information on TFS customizations Who This Book Is For This book is intended for anyone with experience with TFS, and in particular, those intermediate users who want to add more value to their organization by making its TFS users more productive. The book requires basic coding skills. What You Will Learn Customize TFS 2015 dashboard and administer various components Configure board cards, swim lanes, and columns Explore the types of changes that can be made on the TFS process templates Create your own custom control for the Web and client work item forms Build up new check-in policies Get to grips with your personal server plugins and their uses Customize both XML builds and the new build system Schedule jobs for more complicated business rules to run on a schedule Extend your TFS possibilities with service hooks and VSO extensions In Detail Team Foundation Server is an efficacious collaboration tools that will allow you to share code, track records, software, all in a single package. Integrate it with your existing IDE or editor and let your team work in a flexible environment that adapts to projects of all shapes and sizes. Explore what gives you the edge over other developers by knowing the tips and quick fixes of customizing TFS. Effectively minimize the time users spend interacting with TFS so that they can be more productive. In this book you will quickly cover lots of TFS extension points, from the very basic task of customizing and configuring dashboards to customizing automated builds and check-in policies. You will learn how to create dashboards in TFS 2015, as well as add tiles, graphs, and more useful modifications. You'll perform customizations that make TFS work for you by streamlining your team's boards. You'll cast modifications to the process template and learn the tips and tricks required to make efficient and valuable uses of your team's board. From team-specific dashboards to complex server plugins, everything is covered in this concentrated guide to aid your knowledge. Delving deep, this book covers the pros and cons of check-in policies, as well as their proper debugging and deployment strategies. After that you will learn about advanced XML builds and TFS jobs to further experiment with the activities of your jobs on your system. Finally, you will learn about service hooks and the amazing utility of .VSO extensions to help you create new extensions and explore new levels of customization. Style and approach This is an easy-to-follow guide with clearly explained and demonstrated examples.

Visual Studio Team System (VSTS) gives Microsoft development teams a powerful, integrated toolset for Agile development. Visual Studio Team System: Better Software Development for Agile Teams is a comprehensive, start-to-finish guide to making the most of VSTS in real-world Agile environments. Using a book-length case study, the authors show how to use VSTS to improve every aspect of software development, step by step-from project planning through design and from coding through testing and deployment. Agile consultant Will Stott and Microsoft development lead James Newkirk carefully integrate theory and practice, offering hands-on exercises, practical insights into core Extreme Programming (XP) techniques, and much more. Coverage includes Using VSTS to support the transition to Agile values and techniques Forming Agile teams and building effective process frameworks Leveraging Team Foundation Version Control to help teams manage change and share their code effectively Implementing incremental builds and integration with Team Foundation Build Making the most of VSTS tools for Test-Driven Development and refactoring Bringing agility into software modeling and using patterns to model solutions more effectively Using the FIT integrated testing framework to make sure customers are getting what they need Estimating, prioritizing, and planning Agile projects

Use Kanban to maximize efficiency, predictability, quality, and value With Kanban, every minute you spend on a software project can add value for customers. One book can help you achieve this goal: Agile Project Management with Kanban. Author Eric Brechner pioneered Kanban within the Xbox engineering team at Microsoft. Now he shows you exactly how to make it work for your team. Think of this book as "Kanban in a box": open it, read the quickstart guide, and you're up and running fast. As you gain experience, Brechner reveals powerful techniques for right-sizing teams, estimating, meeting deadlines, deploying components and services, adapting or evolving from Scrum or traditional Waterfall, and more. For every step of your journey, you'll find pragmatic advice, useful checklists, and actionable lessons. This truly is "Kanban in a box": all you need to deliver breakthrough value and quality. Use Kanban techniques to: Start delivering continuous value with your current team and project Master five quick steps for completing work backlogs Plan and staff new projects more effectively Minimize work in progress and quickly adjust to change Eliminate artificial meetings and prolonged stabilization Improve and enhance customer engagement Visualize workflow and fix revealed bottlenecks Drive quality upstream Integrate Kanban into large projects Optimize sustained engineering (contributed by James Waletzky) Expand Kanban beyond software development

Professional Team Foundation Server provides an in-depth tutorial on how to install, configure, administer and effectively use the Microsoft Team Foundation Server (TFS) product. TFS is the deployment platform for Microsoft Visual Studio 2005 Team System; this book is therefore designed to complement Wrox' Professional Visual Studio 2005 Team System. The final version of Team Foundation Server is slated to be released in Q2 2006. The author shows readers how to use TFS to implement a complete software project, from planning and deployment through management and testing. The book covers:· Server administration and deployment· Creating the software project using TFS· Customizing the server· Managing the project using TFSThe primary audiences for Professional Team Foundation Server include enterprise project managers and server administrators. Developers, testers and system architects will also

Agile Project Management with Scrum

Professional Scrum Development with Azure DevOps

Essentials of Administering Team Foundation Server 2015

Team Foundation Server 2012 Starter

Practical Microsoft Visual Studio 2015