

Team Foundation Server Visual Studio Team Services

Eventually, you will unquestionably discover a supplementary experience and finishing by spending more cash. still when? realize you admit that you require to acquire those all needs following having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will lead you to comprehend even more nearly the globe, experience, some places, in the same way as history, amusement, and a lot more?

It is your completely own times to achievement reviewing habit. in the course of guides you could enjoy now is **Team Foundation Server Visual Studio Team Services** below.

Upgrading and Migrating to BizTalk Server 2016 - Mark Beckner 2017

"Upgrading and Migrating to BizTalk Server 2016 outlines the various approaches to upgrading existing BizTalk solutions. The text works through specific examples of new maps and revised business processes, teaching readers to migrate a solution to a BizTalk Server Azure machine, as well as the time and costs associated with the move to BizTalk 2016. Also covered: core hardware and software requirements needed for the upgrade"--

Beginning Build and Release Management with TFS 2017 and VSTS - Chaminda Chandrasekara 2017-06-01

Master build and release management with Team Foundation Service and Visual Studio Team Services to facilitate the continuous delivery of software updates to your development team. You'll receive detailed, practical guidance on automating website deployments in Azure App Service, database deployments to Azure platform, Micro Services deployments in Azure Service Fabric, and more. Each deployment is structured with the aid of hands-on lessons in a given target environment designed to empower your teams to achieve successful DevOps. This book provides lessons on how to optimize build release management definitions using capabilities, such as task groups.

With the help of practical scenarios, you'll also learn how to diagnose and fix issues in automated builds and deployments. You'll see how to enhance the capability of build and release management, using team services/TFS Marketplace extensions and writing your own extensions for any missing functionality via hands-on lessons. What You Will Learn Automate deployment to Azure platform, including Web App Service, Azure SQL and Azure Service Fabric Test automation integration with builds and deployments Perform Dynamic CRM deployment handling and package management with TFS/VSTS Examine requirement to production delivery traceability in practical terms Review cross platform build/deployment capabilities of TFS/VSTS. Who This Book Is For Build/Release Engineers, Configuration Managers, Software Developers, Test Automation Engineers, System Engineers, Software Architects and System/Production Support Engineers or anyone who handles and involves in the software delivery process.

Team Foundation Server 2008 in Action - Jamil Azher 2008-11-30

In complex software projects, managing the development process can be as critical to success as writing the code itself. A project may involve dozens of developers, managers, architects, testers, and customers, hundreds of builds, and thousands of opportunities to get off-track. To keep tabs on the people, tasks, and components of a medium- to large-scale project, most teams use a development system that allows for easy monitoring, follow-up, and accountability. Microsoft Team Foundation Server 2008 (TFS), the server component of Microsoft's Visual Studio Team System (VSTS), provides a powerful collaborative platform for software-development teams. The product offers an integrated toolset for tracking work items, creating test cases, managing source code, generating builds, constructing database schemas, and so on. Because in software development one size does not fit all, TFS provides process customization, project management, and reporting capabilities to build solutions around your requirements. Team Foundation Server 2008 in Action is a hands-on guide to Team Foundation Server 2008. Written for developers with a good handle on TFS basics, this book shows you how to solve real-life problems. It's not a

repetition of Microsoft's product documentation. Team Foundation Server 2008 in Action is a practitioner's handbook for how to work with TFS under common constraints. This book walks you through real-life software engineering problems based on hundreds of hours of TFS experience. You'll benefit from expert author Jamil Azher's extensive interactions with members of Microsoft's TFS team and MVPs, survey feedback from the author's blog, and interviews with organizations and user groups using TFS. Instead of just offering a high-level overview, the book provides detailed solutions for solving common-and not-so-common-problems using TFS. It discusses the strengths as well as weaknesses of TFS, and suggests appropriate problem resolution steps, workarounds, or custom solutions. 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.

Professional Team Foundation Server 2012 - Ed Blankenship 2012-12-14

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.

Effective Team Management with VSTS and TFS - Chaminda Chandrasekara 2018-05-29

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 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.

Visual Studio Team System - James W. Newkirk 2007-05-17

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

Extending Microsoft Dynamics 365 for Operations Cookbook - Simon Buxton 2017-05-18

Have the best tools at your fingertips to extend and maximize the efficiency of your business management About This Book Follow practical and easy-to-grasp examples, illustrations and coding to make the most out of Dynamics 365 for Operations in your business scenario Extend Dynamics 365 for Operations in a cost-effective manner by using tools you already have Solve common business problems with the valuable features of Dynamics 365 for Operations Who This Book Is For This book is for those who are getting to grips with Dynamics 365 for Operations developers or those migrating from C# development. The guide includes information essential for new and experienced Dynamics 365 for Operations developers. What You Will Learn Create enumerated and extended data types Understand the importance of using patterns and frameworks while creating a unique concept for your solution Service and deploy your code and packages to improve performance Write and perform unit tests to automate the testing process Design your security model and policies to provide code access privileges Construct the UI and business logic to add Power BI to dashboards In Detail Dynamics 365 for Operations is the ERP element of Microsoft's new Dynamics 365 Enterprise Edition. Operations delivers the infrastructure to allow businesses to achieve growth and make better decisions using scalable and contemporary ERP system tools. This book provides a collection of “recipes” to instruct you on how to create—and extend—a real-world solution using Operations. All key aspects of the new release are covered, and insights into the development language, structure, and tools are discussed in detail. New concepts and patterns that are pivotal to elegant solution designs are introduced and explained, and readers will learn how to extend various aspects of the system to enhance both the usability and capabilities of Operations. Together, this gives the reader important context regarding the new concepts and the confidence to reuse in their own solution designs. This “cookbook” provides the ingredients and methods needed to maximize the efficiency of your business management using the latest in ERP software—Dynamics 365 for Operations. Style and approach The book takes a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Operations implementation.

Pro Visual Studio Team System Application Lifecycle Management - Joachim Rossberg 2008-12-10

You can have the best coders in the world working in your teams, but if your project management isn't up to scratch, your project is almost certain to be delayed, to come in over budget, and in some cases to fail entirely. By

taking precise control of your application development process, you can make changes, both large and small, throughout your project's life cycle that will lead to better—quality finished products that are consistently delivered on time and within budget. Application lifecycle management (ALM) is an area of rapidly growing interest within the development community. Because its techniques allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, its effects on your project can be wide ranging and pronounced. It is a project management tool that has practical implications for the whole team—from architects to designers, from developers to testers. This book focuses on the most powerful ALM tool available for the Microsoft .NET Framework: Visual Studio Team System (VSTS). It demonstrates the key concepts and techniques of ALM and illustrates how they can be achieved using the tools VSTS provides in a clear succinct style. After reading the book, you will understand how VSTS can be used to generate continuous meaningful reporting on your project's health for the decision makers on your team as well as for your project's sponsors.

The Biml Book - Andy Leonard 2017-10-30

Learn Business Intelligence Markup Language (Biml) for automating much of the repetitive, manual labor involved in data integration. We teach you how to build frameworks and use advanced Biml features to get more out of SQL Server Integration Services (SSIS), Transact-SQL (T-SQL), and SQL Server Analysis Services (SSAS) than you ever thought possible. The first part of the book starts with the basics—getting your development environment configured, Biml syntax, and scripting essentials. Whether a beginner or a seasoned Biml expert, the next part of the book guides you through the process of using Biml to build a framework that captures both your design patterns and execution management. Design patterns are reusable code blocks that standardize the approach you use to perform certain types of data integration, logging, and other key data functions. Design patterns solve common problems encountered when developing data integration solutions. Because you do not have to build the code from scratch each time, design patterns improve your efficiency as a Biml developer. In addition to leveraging design patterns in your framework, you will learn how to build a robust metadata store and how to package your framework into Biml bundles for deployment within your enterprise. In the last part of the book, we teach you more advanced Biml features and capabilities, such as SSAS development, T-SQL recipes, documentation autogeneration, and Biml troubleshooting. The Biml Book: Provides practical and applicable examples Teaches you how to use Biml to reduce development time while improving quality Takes you through solutions to common data integration and BI challenges What You'll Learn Master the basics of Business Intelligence Markup Language (Biml) Study patterns for automating SSIS package generation Build a Biml Framework Import and transform database schemas Automate generation of scripts and projects Who This Book Is For BI developers wishing to quickly locate previously tested solutions, Microsoft BI specialists, those seeking more information about solution automation and code generation, and practitioners of Data Integration Lifecycle Management (DILM) in the DevOps enterprise

Pro Team Foundation Service - Mathias Olausson 2013-05-16

Pro Team Foundation Service gives you a jump-start into Microsoft's cloud-based Application Lifecycle Management platform, taking you through the different stages of software development. Every project needs to plan, develop, test and release software and with agile practices often at a higher pace than ever before. Microsoft's Team Foundation Service is a cloud-based platform that gives you tools for agile planning and work tracking. It has a code repository that can be used not only from Visual Studio but from Java platforms and Mac OS X. The testing tools allow testers to start testing at the same time as developers start developing. The book also covers how to set up automated practices such as build, deploy and test workflows. This book: Takes you through the major stages in a software development project. Gives practical development guidance for the whole team. Enables you to quickly

get started with modern development practices. With Microsoft Team Foundation Service comes a collaboration platform that gives you and your team the tools to better perform your tasks in a fully integrated way. What you'll learn What ALM is and what it can do for you. Leverage a cloud-based ALM platform for quick improvements in your development process. Improve your agile development process using integrated tools and practices. Develop automated build, deployment and testing processes. Integrate different development tools with one collaboration platform. Get started with ALM best-practices first time round. Who this book is for Pro Team Foundation Service is for any development team that wants to take their development practices to the next level. Microsoft Team Foundation Service is an excellent platform for managing the entire application development lifecycle and being a cloud-based offering it is very easy to get started. Pro Team Foundation Service is a great guide for anyone in a team who wants to get started with the service and wants to get expert guidance to do it right. Table of Contents Introduction to Application Lifecycle Management Introduction to Agile Planning, Development, and Testing Deciding on a Hosted Service Getting Started Working with the Initial Product Backlog Managing Team and Alerts Initial Sprint Planning Running the Sprint Kanban Engaging the Customer Choosing Source Control Options Working with Team Foundation Version Control in Visual Studio Working with Git in Visual Studio Working in Heterogeneous Environments Configuring Build Services Working with Builds Customizing Builds Continuous Deployment Agile Testing Test Management Lab Management

Microsoft Azure DevOps AZ-400 Practice Questions & Dumps - Zoom Books

Candidates for this exam are DevOps professionals who combine people, processes, and technologies to continuously deliver valuable products and services that meet end user needs and business objectives. DevOps professionals streamline delivery by optimizing practices, improving communications and collaboration, and creating automation. They design and implement strategies for application code and infrastructure that allow for continuous integration, testing, delivery, monitoring, and feedback. Preparing for the Microsoft Azure DevOps exam AZ-400 to become a Certified Azure DevOps Engineer? Here we've brought perfect exam Questions for you so that you can prepare well for this exam. Unlike other online simulation practice tests, you get an eBook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Team Foundation Server 2015 Customization - Gordon Beeming 2015-10-27

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 XAML 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 XAML 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.

SharePoint 2013 - Errin O'Connor 2014

Provides information on best practices and strategies for SharePoint implementation, including integrating SharePoint with external data sources, governance strategies, planning for disaster recovery, records management, and security.

Microsoft Team Foundation Server 2015 Cookbook - Tarun Arora 2016-01-30

Over 80 hands-on DevOps and ALM-focused recipes for Scrum Teams to enable the Continuous Delivery of high-quality Software... Faster! 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 TFBuild to manage Technical Debt Triggering Selenium Web Tests on a Selenium Test Grid using TFBuild 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 Application Lifecycle Management (ALM) provides a flexible and agile 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.

Professional Team Foundation Server 2013 - Steven St. Jean 2014-05-05

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, Release 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.

Reporting in TFS - Dipti Chhatrapati 2015-04-09

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.

Mastering Cross-Platform Development with Xamarin - Can Bilgin 2016-03-31

Master the skills required to steer cross-platform applications from drawing board to app store(s) using Xamarin About This Book Develop your Xamarin development skills with this comprehensive guide on various patterns and features so you can create elegant and high-quality applications Create adaptive user interfaces on separate platforms without compromising the user experience and platform identity Implement application lifecycle management concepts to manage and finalize cross-platform projects and efficiently collaborate with others Who This Book Is For This book is ideal for those who want to take their entry-level Xamarin mobile development skills to the next level to become the go-to person within their organization. To fully understand the patterns and concepts described, you should possess a reasonable level of knowledge about the core elements of Xamarin and cross-platform application development with it. What You Will Learn Configure your environment for cross-platform projects with Xamarin Gain memory management skills to avoid memory leaks and premature code cycles while decreasing the memory print of your applications Employ asynchronous and parallel patterns to execute non-interactive and non-blocking processes Create and use SQLite databases for offline scenarios Integrate network resources with cross-platform applications Design and implement eye-catching and reusable UI components without compromising nativity in mobile applications Manage the application lifecycle of cross-platform development projects Distribute Xamarin applications through public or private channels In Detail The main goal of this book is to equip you with the required know-how to successfully analyze, develop, and manage Xamarin cross-platform projects using the most efficient, robust, and scalable implementation patterns. This book starts with general topics such as memory management, asynchronous programming, local storage, and networking, and later moves onto platform-specific features. During this transition, you will learn about key tools to leverage the patterns described, as well as advanced implementation strategies and features. The book also presents User Interface design and implementation concepts on Android and iOS platforms from a Xamarin and cross-platform perspective, with the goal to create a consistent but native UI experience. Finally, we show you the toolset for application lifecycle management to help you prepare the development pipeline to manage and see

cross-platform projects through to public or private release. Style and approach This is a comprehensive guide on various Xamarin features and patterns. Each topic is explained and demonstrated with code samples, which are revised in each section in an iterative manner and analyzed with available diagnostic tools to demonstrate the benefits of different patterns.

Software Engineering with Microsoft Visual Studio Team System - Juan J. Perez 2006-05-09

Software Engineering with Microsoft Visual Studio Team System is written for any software team that is considering running a software project using Visual Studio Team System (VSTS), or evaluating modern software development practices for its use. It is about the value-up paradigm of software development, which forms the basis of VSTS: its guiding ideas, why they are presented in certain ways, and how they fit into the process of managing the software lifecycle. This book is the next best thing to having an onsite coach who can lead the team through a consistent set of processes. Sam Guckenheimer has been the chief customer advocate for VSTS, responsible for its end-to-end external design. He has written this book as a framework for thinking about software projects in a way that can be directly toolled by VSTS. It presents essential theory and practical examples to describe a realistic process for IT projects. Readers will learn what they need to know to get started with VSTS, including The role of the value-up paradigm (versus work-down) in the software development lifecycle, and the meanings and importance of "flow" The use of MSF for Agile Software Development and MSF for CMMI Process Improvement Work items for planning and managing backlog in VSTS Multidimensional, daily metrics to maintain project flow and enable estimation Creating requirements using personas and scenarios Project management with iterations, trustworthy transparency, and friction-free metrics Architectural design using a value-up view, service-oriented architecture, constraints, and qualities of service Development with unit tests, code coverage, profiling, and build automation Testing for customer value with scenarios, qualities of service, configurations, data, exploration, and metrics Effective bug reporting and bug assessment Troubleshooting a project: recognizing and correcting common pitfalls and antipatterns This is a book that any team using or considering VSTS should read.

[Visual Studio Team System - Team Foundation Server](#) -

[Agile Project Management using Team Foundation Server 2015](#) - Joachim Rossberg 2016-05-06

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 benefit 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 in any project. TFS/VSO 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/VSO supports agile processes end to end How you can customize TFS/VSO to better support your processes How to set up an agile

project from scratch and manage it over its lifecycle

DevOps on the Microsoft Stack - Wouter de Kort 2016-04-29

This book tells you everything you need to know to help your organization implement DevOps on the Microsoft platform. You will learn how to use Visual Studio, Visual Studio Team Services, and Azure to implement a complete DevOps process in your company. You will learn about Agile Project Management, Continuous Integration, Continuous Delivery, Technical Debt Management, Automatic Testing and Monitoring, and see how all these areas fit together. DevOps is important for organizations that want to make the best use of their resources and avoid costly mistakes. Teams that embrace DevOps deploy code up to 30 times more frequently than their competition and less than 50% of their deployments fail according to Puppet Labs State of DevOps survey. DevOps on the Microsoft Stack shows you how to help your organization implement DevOps, covering the tooling they will need and how to make everything work together while following best practices. The focus is not only on technology but also on the cultural issues that teams will face when implementing DevOps. The author's goal is to not only show you which tooling there is but help you to successfully use everything together to implement DevOps in your projects and organization. In this book, you'll learn: What DevOps is and how it can help development teams How to use Visual Studio, Visual Studio Team Services, and Azure to setup a DevOps process How to introduce DevOps to your organization and how to overcome problems

Hands-on Azure Repos - Chaminda Chandrasekara 2019-12-05

Use Azure Repos to manage your code in both centralized and distributed version control systems. This book will show you how to work with Team Foundation Version Control (TFVC) and distributed version control (Git), while exploring their best practices. You'll start with an introduction to Azure Repos, focusing on TFVC and Git, and then gradually transition to hands on lessons of working with TFVC. Next, you'll see how to set up and work with TFVC branches and tracking systems followed by usage of command line and security in TFVC Repos. Create and work on Git Repos in Azure DevOps and use branching with Azure Git Repos and Git command line in Visual Studio and vscode. The book then explores security in Git Repos and advanced options you can use to import from external Repos. With Hands-on Azure Repos as your guide, you'll be able to work with these version control tools on any platform and with any language. What You'll Learn Integrate Azure Repos with Azure Boards to enable tracking work with code. Create guidelines to tackle difficult situations in using Azure Repos Clone Azure Repo to local using Visual Studio and vscode Work with shelve sets, code reviews and lock types Perform activities using REST API with Azure Repos Who This Book Is For Software developers, tech leads and architects.

Visual Studio 2019 In Depth - Du Preez Ockert J. 2019-09-20

Step-by-step guide to all the tools and extensions in the Visual Studio 2019 IDE Key features a- Create and use custom IDE extensions a- Find, download, and use the best IDE extensions for web, mobile, Azure, and Windows a- Enhance programming experience and time with debugging tools a- Enhance coding capabilities with coding tools a- Test projects proactively a- Create powerful web, mobile, and Azure solutions for the real world Description This book peeks into every corner of the Visual Studio IDE and will help you get started with the latest 2019 version. Right from installation, you'll discover new features within the tool and the optimal way to use the features you may already know. You'll learn, for example, how to extend Visual Studio with your own customizations, so that you can make it perform the way you want. You will then explore everything about NuGet package, test applications using Live Unit Testing, and learn how to make code templates using the T4 code generation tool. You'll get to grips with the richer JavaScript IntelliSense, which will help you focus more on coding. Moving on, you'll learn to work with the dedicated workloads for data storage and data science. You will also review the more advanced architecture tools concealed within the IDE and finally create cloud-first applications powered by Microsoft Azure using the built-in suite of Azure tools. What will you learn By the end of

the book, you will be able to tackle any solution for any platform head-on. You will create real-world solutions from start to finish. By using the tools and extensions outlined in this book, you will be able to code better and faster, debug better, share your code with more peers, test your code better, and install or publish your apps quicker and without issues. Who this book is for The book is intended for any .NET developer. You can be a seasoned developer or a newbie just starting out. This book will play a pivotal role in presenting all the tools you need to become a better developer. Table of contents 1. Getting started with Visual Studio 2. Digging in the Visual Studio IDE 3. IntelliSense 4. Language & coding changes in C# 5. What's new in .Net core 6. Built-in tools 7. Debugging tools 8. Testing tools 9. ASP.NET tools 10. Mobile tools 11. Azure tools 12. IDE extensions 13. ASP.NET extensions 14. Mobile extensions 15. Azure DevOps extensions About the author Ockert du Preez is a self-taught developer who started learning programming since the days of QBASIC. He has written several articles over the years detailing his programming quests and adventures. .NET is his second love, just after his wife and kid. He has always been an avid supporter of .NET since the beginning, and is an expert in VB and C#. He was given the Microsoft Most Valuable Professional Award for .NET (2008-2017). He has worked as a moderator and an article reviewer and currently writes articles for CodeGuru, Developer.com, DevX, and the Database journal. His blog: <https://www.codeguru.com/member.php/Hannes+DuPreez/>

Supplement to Inside the Microsoft Build Engine - Sayed Hashimi 2013-04-15

Get the supplement that helps you drill even further into MSBuild—and maximize your control over the software build and deployment process. Designed as a companion to the popular book Inside the Microsoft Build Engine: Using MSBuild and Team Foundation Build, Second Edition, this supplement extends your knowledge by covering what's new in Visual Studio 2012 for MSBuild and Team Foundation Build. You'll also gain a fresh cookbook of examples to help you get productive with UI changes, batching, Team Foundation Server, offline apps, database publishing, and other essential topics. Extends your knowledge of MSBuild with all-new coverage of Visual Studio 2012 Shares additional hands-on insights and guidance from two expert authors Provides a cookbook of examples to study and reuse

Professional Visual Studio 2017 - Bruce Johnson 2017-10-18

Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS 2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the environment to your workflow, not the other way around Work your way through configuration, debugging, building, deployment, customizing, and more Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

Visual Studio 2015 Cookbook - Jeff Martin 2016-08-19

Over 50 new and improved recipes to put Visual Studio 2015 to work in your crucial development projects About

This Book Get to grips with all the new Visual Studio 2015 features regardless of your preferred programming language Apply Visual Studio to all areas of development: writing, debugging, and application lifecycle maintenance Straightforward and hands-on advice for building both Windows and Android apps Who This Book Is For If you are a developer excited about the new features introduced in Visual Studio 2015, then no matter what your programming language of choice is, Visual Studio 2015 Cookbook is for you. You should have a good knowledge of working with previous versions of Visual Studio to benefit from the recipes in this book. What You Will Learn Customize the editor's new abilities to fit your development style Create apps for Windows Use Visual Studio to debug parallel and concurrent programs Integrate .NET Framework 4.6 effectively Put TypeScript to work in your web applications Develop modern C++11 with Visual Studio 2015 Protect and manage your source code with Team Foundation Server In Detail Visual Studio 2015 is the premier tool for developers targeting the Microsoft platform. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. Visual Studio 2015 is packed with improvements that increase productivity, and this book walks you through each one in succession to help you smooth your workflow and get more accomplished. From customization and the interface to code snippets and debugging, the Visual Studio upgrade expands your options — and this book is your fast-track guide to getting on board quickly. Visual Studio 2015 Cookbook will introduce you to all the new areas of Visual Studio and how they can quickly be put to use to improve your everyday development tasks. With this book, you will learn not only what VS2015 offers, but what it takes to put it to work for your projects. Style and approach This book is a practical guide to using Visual Studio 2015 and will help you become familiar with the improvements made in previous versions. Each recipe provides a hands-on approach to the new features with step-by-step instructions on how to increase your productivity.

Programming Microsoft Azure Service Fabric - Haishi Bai 2016-06-01

Build exceptionally scalable cloud applications for fast-growing businesses Microsoft Azure Service Fabric makes it easier than ever before to build large-scale distributed cloud applications. You can quickly develop and update microservice-based applications, efficiently operate highly reliable hyperscale services, and deploy the same application code on public, hosted, or private clouds. This book introduces all key Azure Service Fabric concepts and walks you through implementing several real-world applications. You'll find advanced design patterns, tuning tips, and lessons learned from early adopters—all from the perspective of developing and operating large projects in production. Microsoft Azure evangelist Haishi Bai shows how to: Implement background services and use stateless services to handle user requests Solve state-management problems in distributed systems Package, stage, and deploy applications Upgrade applications in place, with zero downtime Leverage Quality of Service (QoS) options throughout app design, implementation, and operation Manage Service Fabric clusters with Windows PowerShell and the Management Portal Configure Service Fabric Diagnostics and analyze collected data Test functionality and performance Design Internet of Things (IoT) solutions that capture and manage petabytes of data Handle demanding real-time data-streaming compute scenarios Understand multitenancy and single-tenancy as logical architecture choices Build Service Fabric game engines to support large-scale, multiplayer online games Model complex systems with the Service Fabric Actors Pattern About This Book For all cloud developers who want to create and operate large-scale distributed cloud applications by using Microsoft Azure Service Fabric For all IT professionals who want to integrate Windows Server and Microsoft Azure in any environment, including datacenters

C# and .NET Core Test-Driven Development - Ayobami Adewole 2018-05-18

Learn how to apply a test-driven development process by building ready C# 7 and .NET Core applications. Key Features Create tests to quickly detect and resolve issues when writing portable code Uncover code integration

issues that improve code quality using continuous integration Set up and use data-driven unit testing to verify your code Book Description This book guides developers to create robust, production-ready C# 7 and .NET Core applications through the practice of test-driven development process. In C# and .NET Core Test-Driven Development, you will learn the different stages of the TDD life cycle, basics of TDD, best practices, and anti-patterns. It will teach you how to create an ASP.NET Core MVC sample application, write testable code with SOLID principles and set up a dependency injection for your sample application. Next, you will learn the xUnit testing framework and learn how to use its attributes and assertions. You'll see how to create data-driven unit tests and mock dependencies in your code. You will understand the difference between running and debugging your tests on .NET Core on LINUX versus Windows and Visual Studio. As you move forward, you will be able to create a healthy continuous integration process for your sample application using GitHub, TeamCity, Cake, and Microsoft VSTS. By the end of this book, you will have learned how to write clean and robust code through the effective practice of TDD, set up CI build steps to test and build applications as well as how to package application for deployment on NuGet. What you will learn Write flexible, maintainable, and verifiable code for .NET Core Write testable code using SOLID principles and dependency injections Recognize the characteristics of a good unit test Structure and group your unit test Use mock objects to handle dependencies Set up an end-to-end continuous integration process Who this book is for This book is for .NET developers who would like to build efficient applications by implementing principles of test-driven development. C# programming and working knowledge of VS is assumed.

DevOps with Windows Server 2016 - Ritesh Modi 2017-03-24

Obtain enterprise agility and continuous delivery by implementing DevOps with Windows Server 2016 About This Book This practical learning guide will improve your application lifecycle management and help you manage environments efficiently Showcase through a sample application ways to apply DevOps principles and practices in the real world Implement DevOps using latest technologies in Windows Server 2016 such as Windows Container, Docker, and Nano Servers Who This Book Is For This book is for .NET developers and system administrators who have a basic knowledge of Windows Server 2016 and are now eager to implement DevOps at work using Windows Server 2016. Knowledge of Powershell, Azure, and containers will help. What You Will Learn Take a deep dive into the fundamentals, principles, and practices of DevOps Achieve an end-to-end DevOps implementation Execute source control management using GITHUB and VSTS vNext Automate the provisioning and configuration of infrastructure Build and release pipeline Measure the success of DevOps through application instrumentation and monitoring In Detail Delivering applications swiftly is one of the major challenges faced in fast-paced business environments. Windows Server 2016 DevOps is the solution to these challenges as it helps organizations to respond faster in order to handle the competitive pressures by replacing error-prone manual tasks using automation. This book is a practical description and implementation of DevOps principles and practices using the features provided by Windows Server 2016 and VSTS vNext. It jumps straight into explaining the relevant tools and technologies needed to implement DevOps principles and practices. It implements all major DevOps practices and principles and takes readers through it from envisioning a project up to operations and further. It uses the latest and upcoming concepts and technologies from Microsoft and open source such as Docker, Windows Container, Nano Server, DSC, Pester, and VSTS vNext. By the end of this book, you will be well aware of the DevOps principles and practices and will have implemented all these principles practically for a sample application using the latest technologies on the Microsoft platform. You will be ready to start implementing DevOps within your project/engagement. Style and approach This practical, learning book is linear and progressive, and every chapter builds on the previous chapters. We focus on the practical skills required to implement DevOps, with a summary of the key concepts only where strictly necessary.

Professional Team Foundation Server 2010 - Ed Blankenship 2011-03-29

Authoritative guide to TFS 2010 from a dream team of Microsoft insiders and MVPs! Microsoft Visual Studio Team Foundation Server (TFS) has evolved until it is now an essential tool for Microsoft's Application Lifestyle Management suite of productivity tools, enabling collaboration within and among software development teams. By 2011, TFS will replace Microsoft's leading source control system, VisualSourceSafe, resulting in an even greater demand for information about it. Professional Team Foundation Server 2010, written by an accomplished team of Microsoft insiders and Microsoft MVPs, provides the thorough, step-by-step instruction you need to use TFS 2010 efficiently so you can more effectively manage and deliver software products in an enterprise. 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, and more Explains extensibility options and how to write extensions for TFS 2010 Helps certification candidates prepare for the Microsoft Team Foundation Server 2010 certification exam (Exam 70-512) The clear, programmer-to-programmer Wrox style of Professional Team Foundation Server 2010 will soon have you thoroughly up to speed.

Azure DevOps Server 2019 Cookbook - Tarun Arora 2019-05-03

Over 70 recipes to effectively apply DevOps best practices and implement Agile, Git, CI-CD & Test automation using Azure DevOps Server (TFS) 2019 Key Features Learn improving code quality using pull requests, branch policies, githooks and git branching design Accelerate the deployment of high quality software by automating build and releases using CI-CD Pipelines. Learn tried and tested techniques to automate database deployments, App Service & Function Deployments in Azure. Book Description Azure DevOps Server, previously known as Team Foundation Server (TFS), is a comprehensive on-premise DevOps toolset with a rich ecosystem of open source plugins. This book is your one stop guide to learn how to effectively use all of these Azure DevOps services to go from zero to DevOps. You will start by building high-quality scalable software targeting .NET, .NET core or Node.js applications. You will learn techniques that will help you to set up end-to-end traceability of your code changes from design through to release. Whether you are deploying software on-premise or in the cloud in App Service, Functions, or Azure VMs, this book will help you learn release management techniques to reduce release failures. Next, you will be able to secure application configuration by using Azure KeyVault. You will also learn how to create and release extensions to the Azure DevOps marketplace and reach million developer ecosystem for feedback. The working extension samples will allow you to iterate changes in your extensions easily and release updates to the marketplace quickly. By the end of this book, techniques provided in the book will help you break down the invisible silos between your software development teams. This will transform you from being a good software development team to an elite modern cross functional software development team. What you will learn Set up a team project for an Agile delivery team, importing requirements from ExcelPlan, track, and monitor progress using self updating boards, Sprint and Kanban boards Unlock the features of Git by using branch policies, Git pull requests, forks, and Git hooks Build and release .NET core, SQL and Node.js applications using Azure Pipeline Automate testing by integrating Microsoft and open source testing frameworks Extend Azure DevOps Server to a million developer ecosystem Who this book is for This book is for anyone looking to succeed with DevOps. The techniques in this book apply to all roles of the 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.

Essentials of Administering Team Foundation Server 2015 - Gary Gauvin 2015-12-28

This book covers the critical 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 Test with TFS

Inside the Microsoft Build Engine - Sayed Hashimi 2010-12-24

As software complexity increases, proper build practices become ever more important. This essential reference—fully updated for Visual Studio 2010—drills inside MSBuild and shows you how to maximize your control over the build and deployment process. Learn how to customize and extend build processes with MSBuild—and scale them to the team, product, or enterprise level with Team Foundation Build.

SQL Server 2017 Machine Learning Services with R - Tomaz Kastrun 2018-02-27

Develop and run efficient R scripts and predictive models for SQL Server 2017 Key Features Learn how you can combine the power of R and SQL Server 2017 to build efficient, cost-effective data science solutions Leverage the capabilities of R Services to perform advanced analytics—from data exploration to predictive modeling A quick primer with practical examples to help you get up- and- running with SQL Server 2017 Machine Learning Services with R, as part of database solutions with continuous integration / continuous delivery. Book Description R Services was one of the most anticipated features in SQL Server 2016, improved significantly and rebranded as SQL Server 2017 Machine Learning Services. Prior to SQL Server 2016, many developers and data scientists were already using R to connect to SQL Server in siloed environments that left a lot to be desired, in order to do additional data analysis, superseding SSAS Data Mining or additional CLR programming functions. With R integrated within SQL Server 2017, these developers and data scientists can now benefit from its integrated, effective, efficient, and more streamlined analytics environment. This book gives you foundational knowledge and insights to help you understand SQL Server 2017 Machine Learning Services with R. First and foremost, the book provides practical examples on how to implement, use, and understand SQL Server and R integration in corporate environments, and also provides explanations and underlying motivations. It covers installing Machine Learning Services; maintaining, deploying, and managing code; and monitoring your services. Delving more deeply into predictive modeling and the RevoScaleR package, this book also provides insights into operationalizing code and exploring and visualizing data. To complete the journey, this book covers the new features in SQL Server 2017 and how they are compatible with R, amplifying their combined power. What you will learn Get an overview of SQL Server 2017 Machine Learning Services with R Manage SQL Server Machine Learning Services from installation to configuration and maintenance Handle and operationalize R code Explore RevoScaleR R algorithms and create predictive models Deploy, manage, and monitor database solutions with R Extend R with SQL Server

2017 features Explore the power of R for database administrators Who this book is for This book is for data analysts, data scientists, and database administrators with some or no experience in R but who are eager to easily deliver practical data science solutions in their day-to-day work (or future projects) using SQL Server.

Mastering Visual Studio 2017 - Kunal Chowdhury 2017-07-27

A guide to mastering Visual Studio 2017 About This Book Focus on coding with the new, improved, and powerful tools of VS 2017 Master improved debugging and unit testing support capabilities Accelerate cloud development with the built-in Azure tools Who This Book Is For .NET Developers who would like to master the new features of VS 2017, and would like to delve into newer areas such as cloud computing, would benefit from this book. Basic knowledge of previous versions of Visual Studio is assumed. What You Will Learn Learn what's new in the Visual Studio 2017 IDE, C# 7.0, and how it will help developers to improve their productivity Learn the workloads and components of the new installation wizard and how to use the online and offline installer Build stunning Windows apps using Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) tools Get familiar with .NET Core and learn how to build apps targeting this new framework Explore everything about NuGet packages Debug and test your applications using Visual Studio 2017 Accelerate cloud development with Microsoft Azure Integrate Visual Studio with most popular source control repositories, such as TFS and GitHub In Detail Visual Studio 2017 is the all-new IDE released by Microsoft for developers, targeting Microsoft and other platforms to build stunning Windows and web apps. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. With this book, you will learn not only what VS2017 offers, but also what it takes to put it to work for your projects. Visual Studio 2017 is packed with improvements that increase productivity, and this book will get you started with the new features introduced in Visual Studio 2017 IDE and C# 7.0. Next, you will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. Later, you will learn about .NET Core and then explore NuGet, the package manager for the Microsoft development platform. Then, you will familiarize yourself with the debugging and live unit testing techniques that comes with the IDE. Finally, you'll adapt Microsoft's implementation of cloud computing with Azure, and the Visual Studio integration with Source Control repositories. Style and approach This comprehensive guide covers the advanced features of Visual Studio 2017, and communicates them through a practical approach to explore the underlying concepts of how, when, and why to use it.

DevOps for Azure Applications - Suren Machiraju 2018-05-18

Deploy web applications on Azure using DevOps tools. This book gives solutions to real-world Cloud deployment scenarios which will enable you to become adept in DevOps work for Azure. You'll start by seeing an overview of DevOps for Azure deployments where you will also survey the available tools, including Octopus Deploy and TeamCity. Here, you will learn how to use TeamCity as a CI tool and Octopus Deploy as release-management and CD software to get your package deployed on Azure Web Application. Next, the authors demonstrate using the Microsoft Visual Studio Team Services (VSTS) integrated developer platform. Finally, you will go through some real-world scenarios using DevOps tools to deploy web applications on Azure. To do this, you will create resources in Azure and integrate with an open source buildout. After reading this book, you will be ready to use various tools in a DevOps environment to support an Azure deployment. What You Will Learn Carry out a survey of DevOps tools Build a DevOps solution using standalone DevOps tools – TeamCity and Octopus Deploy Use an integrated DevOps platform – VSTS Build out an Azure deployment using open source code and VSTS Who This Book Is For Developers and release engineers. Also, project managers will find it useful to understand the workflow in DevOps.

Professional Scrum with Team Foundation Server 2010 - Aaron Bjork 2011-04-04

Professional guidance on using Microsoft's Visual Studio toolset for agile project management Focusing on both process and results, this professional guide offers a practical approach to running agile software projects using Visual Studio's project management templates and tools. You'll first get a thorough overview of the interaction between traditional, scrum-based agile development techniques and the Microsoft Solutions Framework, before drilling down into the detail. The book covers tools, best practices, key templates, key data, team and process models, necessary tracking assets—and a host of other project challenges, such as project communication, organization, and budgets. Shows how to use Microsoft's agile Visual Studio toolset for agile project management Written by leading experts from Microsoft and industry, this is an authoritative guide to agile development for all Microsoft-based projects Teaches basic concepts through best practices for delivering great software on time Covers the interaction of traditional, scrum-based agile development techniques and the Microsoft Solutions Framework Focuses on what must be in place to keep a project on track, including team models, process models, detailed tracking assets, and more Professional Scrum with Team foundation Server 2010 combines theory with practical experience to help experienced software project managers and developers ship reliable software on time.

Professional Team Foundation Server - Jean-Luc David 2007-02-12

As the most important component of Microsoft's Visual Studio(r) 2005 Team System, Team Foundation Server is the central integration point that provides a collaborative environment for every member of a team, regardless of role. Since Team Foundation Server is so tightly interwoven with the rest of Team System, the authors have decided to present you with an invaluable resource that covers both, so that you may learn to set up and administer Team Foundation Server in order to effectively use the whole Team System toolset effectively. Three Microsoft Team System MVPs cover how to plan a Team System deployment, complete a software project, and everything in between. They show you how to handle real-world challenges and tackle the tasks and scenarios that encompass the entire software development lifecycle. What you will learn from this book How to implement IT governance such as Sarbanes-Oxley How to work with mixed environments (including Java and .NET) How to set up the product for large distributed environments How and why to take multiple lifecycles into consideration when deploying and using Team System How to create custom development tools and administer and customize work items How to monitor your team project metrics using SQL Server Reporting Services Who this book is for This book is for project managers, IT administrators, and anyone whose role consists of administering Team Foundation Server on a daily basis, running a software project, setting up users, or handling security. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Visual Studio Team Foundation Server 2012 - Sam Guckenheimer 2012-09-11

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 virtualized test environments • Using Scrum or other Agile methods with Process Templates effectively across distributed teams in large organization by automating burndowns and dashboards to identify "early warning signals" of emerging problems with quality or maintainability • Staying in the groove by storing the state of your work and environment with shelvesets, to let you handle interruptions smoothly • Leveraging VS 2012's new support for multiple Microsoft and open source unit testing frameworks in your IDE and continuous integration pipeline • Performing exploratory testing to uncover bugs in surprising places and testing immersive Windows 8 apps • Rapidly improving team development and collaboration with the hosted Team Foundation Service Whatever

your development role, this book will help you apply modern software development practices using Visual Studio Team Foundation Server 2012 to focus on what really matters: building software that begins delivering exceptional value sooner and keeps delighting customers far into the future.

Team Foundation Server 2012 Starter - Jacob Ehn 2012

This Starter guide is a short, sharp introduction to Team Foundation Server 12, covering everything you need to get up and running. If you are a developer, project lead, tester, or IT administrator working with Team Foundation Server 2012 this guide will get you up to speed quickly and with minimal effort.