

The book was found

Microsoft Team Foundation Server 2015 Cookbook



Microsoft Team Foundation Server 2015 Cookbook

Over 80 hands-on DevOps and ALM-focused recipes
for Scrum Teams to enable the Continuous Delivery of
high-quality Software... Faster!

Tarun Arora

[PACKT] enterprise⁸⁸
PUBLISHING professional expertise defined



Synopsis

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.

Book Information

File Size: 29050 KB

Print Length: 342 pages

Page Numbers Source ISBN: 1784391050

Publisher: Packt Publishing; 1 edition (January 30, 2016)

Publication Date: January 30, 2016

Sold by: Digital Services LLC

Language: English

ASIN: B0148S9GUE

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #305,277 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #58

in Kindle Store > Kindle eBooks > Computers & Technology > Networking > Client-Server

Systems #180 in Books > Computers & Technology > Networking & Cloud Computing > Data in

the Enterprise > Client-Server Systems #186 in Kindle Store > Kindle eBooks > Computers &

Technology > Software > Business

Customer Reviews

Loved this book. Really helpful and clear. It was great to read something that made the vision/future of build, lab, and release make sense. Microsoft has been a little vague over the last year or so and plans for the on-prem versions of those products was tough to figure out. Tarun Arora tied it together nicely.

In this book, Tarun covers every area of TFS from source control management, work item management, testing, and build/release automation to administration. I enjoyed this book because Tarun goes beyond the basics of TFS 2015, digging into advanced topics such as extended TFS with the TFS Object Model and REST API. Tarun also covers more advanced TFS administration (i.e., analyzing and configuring the database-level test retention policies, managing CodeLens, and analyzing log files for diagnose common issues). As a long-time TFS user, having performed countless upgrades from all versions, including Visual Source Safe, I still found hidden gems in this

book. I particularly enjoyed the chapters on automated testing integration and build/release vNext. I highly recommend this book to anyone that administers, manages, supports, or uses TFS on a regular basis.

I read this book in one week, and it's really interesting. This is not a book of classic TFS, its cookbook approach makes it different from others. This treats almost every theme TFS but also on key topics of DevOps as continuous delivery on TFS 2015, but most also applies to VSTS. The topics addressed are presented in the order of using TFS: Beginning with the creation of a project team, the management of source code for TFVC and Git. Then he addresses topics within builds, tests and Release using the latest version of Release which is integrated with TFS (then Update 2 RC1 or VSTS) Finally the last themes are managing the TFS and TFS extension part with APIs and customization of work item form. All subjects in the form of cookbooks respond to real issues encountered daily when using or administering TFS. This book is therefore aimed both to administrators, developers, or even at Ops. I recommend you buy it, read it and practice each of these cases.

This is a great book for people who want to introduce DevOps practices into their daily work, but don't have much time to dig all the details of how to do it; with the recipes delivered on this book you can quickly start using TFS/VSTS ranging from how to setup a team project, managing source code repositories, tracking work and building, deploying and testing your apps all in an integrated and cohesive manner. If you want to go beyond it will also help in managing TFS and extending it to integrate with other tools. Let's be clear this is not a reference book or a tutorial, but a great practical how to; even if you are new to TFS/VSTS you can use this book to learn in a practical how to get most of TFS/VSTS and how you can manage your process with it end to end.

[Download to continue reading...](#)

Microsoft Team Foundation Server 2015 Cookbook
Red Hat Enterprise Linux (RHEL) 7 Server Installation and Administration: Training Manual: Covering CentOS-7 Server, Cloud computing, Bind9 DNS Server and Fedora 23 Server
Red Hat Enterprise Linux (RHEL) 6 Server Installation & Administration: Training Manual: Covering CentOS-6, OpenSUSE 11.3 Server, Mandriva Enterprise Server, and Fedora 14 Server
Microsoft Surface Pro 4 & Microsoft Surface Book: The Beginner's Guide to Microsoft Edge, Cortana & Mail App on Microsoft Surface Pro 4 & Microsoft Surface Book
Hands-on Study Guide for Exam 70-411: Administering Windows Server 2012 R2 (Exam 70-411, 70-411, Exam Ref 70-411, MCSA Windows Server 2012 R2, MCSE Windows Server 2012 R2)

Inside the Microsoft Build Engine: Using MSBuild and Team Foundation Build (Developer Reference) Microsoft Windows Internals (4th Edition): Microsoft Windows Server 2003, Windows XP, and Windows 2000 Implementing Cisco IP Telephony and Video, Part 2 (CIPTV2) Foundation Learning Guide (CCNP Collaboration Exam 300-075 CIPTV2) (3rd Edition) (Foundation Learning Guides) Learning AV Foundation: A Hands-on Guide to Mastering the AV Foundation Framework Weeds of the South (Wormsloe Foundation Nature Book) (Wormsloe Foundation Nature Book Ser.) 2015 Rare Stamp Experts Official Training Guide: Includes on-line digital 2015 catalogue with values of used US and UK classic stamps (Summer Edition Series One - 2015) Hostage Rescue Team Box Set Vol. I (Hostage Rescue Team Series) Microsoft Exchange Server 2013 PowerShell Cookbook: Second Edition Pro SQL Server 2012 BI Solutions (Expert's Voice in SQL Server) SQL Server 2012 Integration Services Design Patterns (Expert's Voice in SQL Server) Beginning SQL Server 2008 Express for Developers: From Novice to Professional (Expert's Voice in SQL Server) Apple Pro Training Series: OS X Server Essentials 10.10: Using and Supporting OS X Server on Yosemite Pro SQL Server 2008 Failover Clustering (Expert's Voice in SQL Server) Windows Server 2012 R2: How to install and add roles?: (Desktop Experience) (Windows Server 2012 R2: From installation to configuration) Exam Ref 70-417 Upgrading from Windows Server 2008 to Windows Server 2012 R2 (MCSA)

[Dmca](#)