

Select Team

... Persona

... Scenario

Goto Guidance (Epic)

Humongous Insurance

Large Customer

Centralised Management

1000 employees

200 TFS Users

Defined Processes

1

Large Team



Small Team

1

Decentralised Management

1000 employees

<20 Developers

Loosely Defined Processes

Small Customer

Trey Research

Team Foundation Server Administrator

Dave
✓ TFS Experience
✗ VM Experience

Infrastructure Specialist

Jane
✗ TFS Experience
✓ VM Experience

Build Master

Abu
✓ TFS Experience
✓ VM Experience
✓ TFS Team Build
✓ Build Scripts

Developer

Doris
✓ TFS Experience
✓ VM Experience
✓ TFS Team Build

Tester

Christine
✓ TFS Experience
✓ VM Experience

Development Lead

Gary
✓ TFS Experience
✗ VM Experience

Release Manager

Sam
✗ TFS Experience
✓ VM Experience

I want practical guidance for the customization of build process templates to improve quality, minimize overlap and administrative effort

I want practical guidance for mega-builds that typically build for 20+ hours to ensure that builds are making use of the infrastructure effectively

I want practical guidance for why and when we should invest in the migration of Team Foundation Server 2008 TFSBuild.proj files to new WF-based builds

I want practical guidance on how to automate non-build processes such as remotely copying files

I want practical guidance and samples for custom activities for determining which build definitions are based on a particular build process template

I want practical guidance for the use of workflow based builds to make effective use of Team Foundation Build in Visual Studio 11

I want practical guidance for Workflow versus MSBuild, to ensure I understand the difference and use the correct technology at the right time

I want practical guidance and samples for custom activities for determining which build definitions are based on a particular build process template

I want a set of custom code activities so that I may manage and interact with my Hyper-V based virtual environment

I want a set of custom code activities so that I may manage and interact with my Windows 7 Virtual PC based virtual environment

I want to be able to automatically run tests that are marked as impacted during a build so that I may quickly identify potential issues

I want to understand how to package my custom assemblies and add them to the Visual Studio Toolbox so that others can re-use easily

I want to understand how to best store my custom assemblies in Team Foundation Server so that my builds are consistent, easily maintainable

I want to understand how to log informational, warning and error messages

I want to understand the difference between Get and GetValue

I want to understand what attributes are available to my code and when to use them so that activities are as efficient as possible

I want to know the simple basics of creating a XAML activity so that I can hit the ground running

I want to know the simple basics of creating a code activity so that I can hit the ground running

I want to understand how to test and debug my custom activities so that I can build a solid library of code which is testable and maintainable

I want practical guidance and samples for custom activities for versioning assemblies to standardize the versioning strategy

I want practical guidance on the deployment of databases to minimize admin overhead, impact on environments and to improve team productivity

I want practical guidance on the deployment of Websites using Web Deploy to minimize administrative overhead

I want to run automated integration tests during build in Integration environment

I want to deploy a web application to the production environment, keeping it as clean as possible

Visual Studio
ALM Rangers

Visual Studio Build Customization Guide – Teams, Personas, Guidance

2012-05-30

Visual Studio ALM Rangers

Build and Post-Build

Custom Activities

Deployments