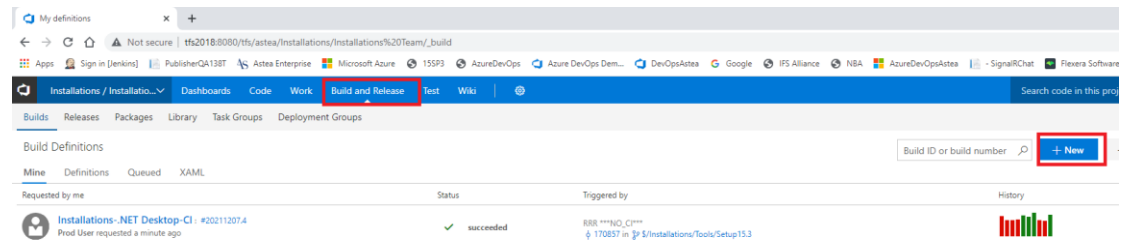


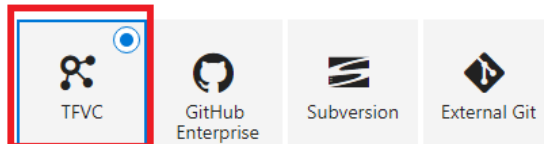
TFS – Gated Check-in and Check-in policy for comment on checking



Build Definitions

Requested by me	Status	Triggered by	History
Installations-.NET Desktop-CI #20211207.4 Prod User requested a minute ago	✓ succeeded	RBR ***NO_CI*** 170857 in \$ / Installations/Tools/Setup15.3	

Select a source



TFVC

GitHub Enterprise

Subversion

External Git

Workspace mappings



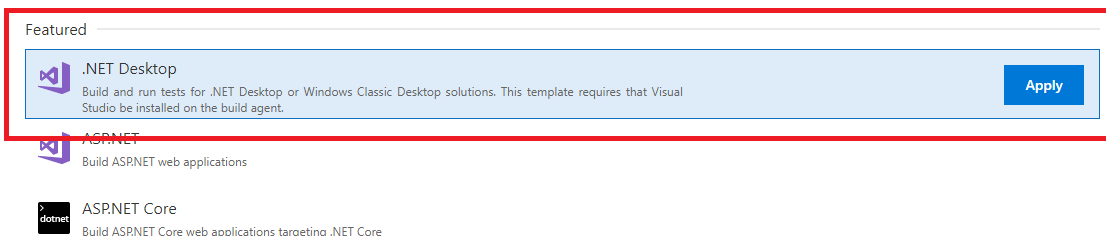
Type	Server path	Local path under \$(build.sourcesDirectory)
Map	<code>\$/Installations/Tools/Setup15.3</code>	

[+ Add](#)

[Continue](#)

Select a template

Or start with an [Empty process](#)

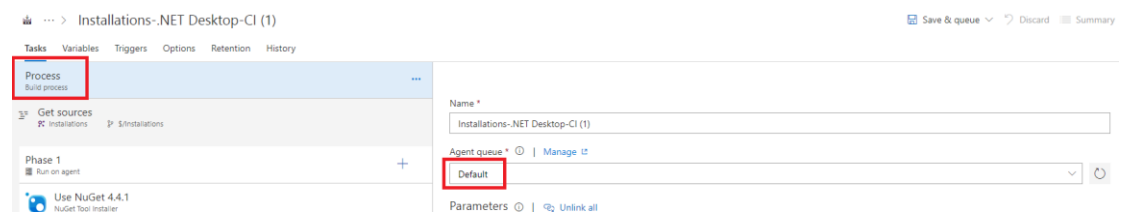


Featured

.NET Desktop
Build and run tests for .NET Desktop or Windows Classic Desktop solutions. This template requires that Visual Studio be installed on the build agent.

ASP.NET
Build ASP.NET web applications

ASP.NET Core
Build ASP.NET Core web applications targeting .NET Core



Installations-.NET Desktop-CI (1)

Tasks Variables Triggers Options Retention History

Process Build process

Get sources
Installations \$/Installations

Phase 1
Run on agent

Use NuGet 4.4.1
NuGet Tool Installer

Name *
Installations-.NET Desktop-CI (1)

Agent queue *
Default

Parameters [Unlink all](#)

BuildsReleasesPackagesLibraryTask GroupsDeployment Groups

Installations-.NET Desktop-CI

TasksVariablesTriggersOptionsRetentionHistory

Process
Build process

Get sources
Installations
\$ /Installations/Tools/Setup15.3

Phase 1
Run on agent

Use NuGet 6.0.0
NuGet Tool Installer

NuGet restore
NuGet

NuGet Tool Installer ⓘ

Version0.*

Display name *
Use NuGet 6.0.0

Version of NuGet.exe to install * ⓘ
6.0.0

☐ Always download the latest matching version ⓘ

Control Options x

BuildsReleasesPackagesLibraryTask GroupsDeployment Groups

Installations-.NET Desktop-CI

TasksVariablesTriggersOptionsRetentionHistory

Process
Build process

Get sources
Installations
\$ /Installations/Tools/Setup15.3

Phase 1
Run on agent

Use NuGet 6.0.0
NuGet Tool Installer

NuGet restore
NuGet

Build solution ***.sln
Visual Studio Build

VsTest - testAssemblies
Visual Studio Test

Publish symbols path

Path to custom test adapters ⓘ

☐ Run tests in parallel on multi-core machines ⓘ

☐ Run tests in isolation ⓘ

☒ Code coverage enabled ⓘ

Other console options ⓘ

☐ Rerun failed tests ⓘ

Advanced execution options v

Reporting options ^

Test run title ⓘ

BuildsReleasesPackagesLibraryTask GroupsDeployment Groups

Installations-.NET Desktop-CI (1)

TasksVariablesTriggersOptionsRetentionHistory

Continuous integration

Installations
Enabled

Gated check-in

Installations
Enabled

Scheduled

No builds scheduled

+ Add

Installations

☒ Enable continuous integration

☐ Batch changes while a build is in progress

Path filters

TypePath specification

Include\$ /Installations/Tools/Setup15.3

+ Add

BuildsReleasesPackagesLibraryTask GroupsDeployment Groups

...

Installations-.NET Desktop-CI (1)

TasksVariablesTriggersOptionsRetentionHistory

Continuous integration

Installations

Enabled

Gated check-in

Installations

Enabled

Scheduled

+ Add

Installations

☒ Enable gated check-in

☐ Run continuous integration triggers for committed changes

☒ Use workspace mapping for filters

BuildsReleasesPackagesLibraryTask GroupsDeployment Groups

...

Installations-.NET Desktop-CI (1)

TasksVariablesTriggersOptionsRetentionHistory

Build properties

Define general build definition settings

Description

Build number format

\$(dateyyyyMMdd\$(rev:.n))

☐ Badge enabled

New build request processing

☒ Enabled - queue and start builds when eligible agent(s) available

☐ Paused - queue new builds but do not start

☐ Disabled - do not queue new builds

Automatically link new work in this build

When a build completes successfully, create links to all work items linked to associated changes.

☒ Enabled

Create work item on failure

Create a work item for each failed build

Type *

Bug

☒ Assign to requestor

Build job

Define build job authorization and timeout settings

Build job authorization scope

Project collection

Build job timeout in minutes

60

Build job cancel timeout in minutes

5

Demands

Specify which capabilities the agent must have to run this process

Name	Condition
+ Add	

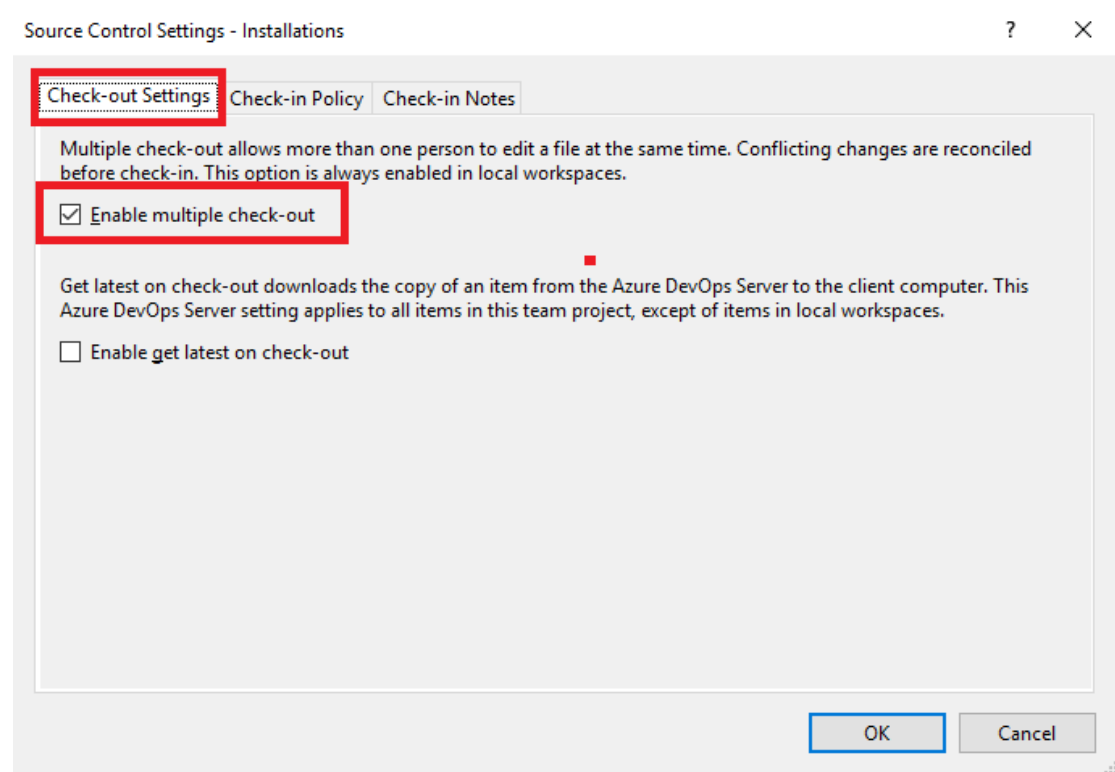
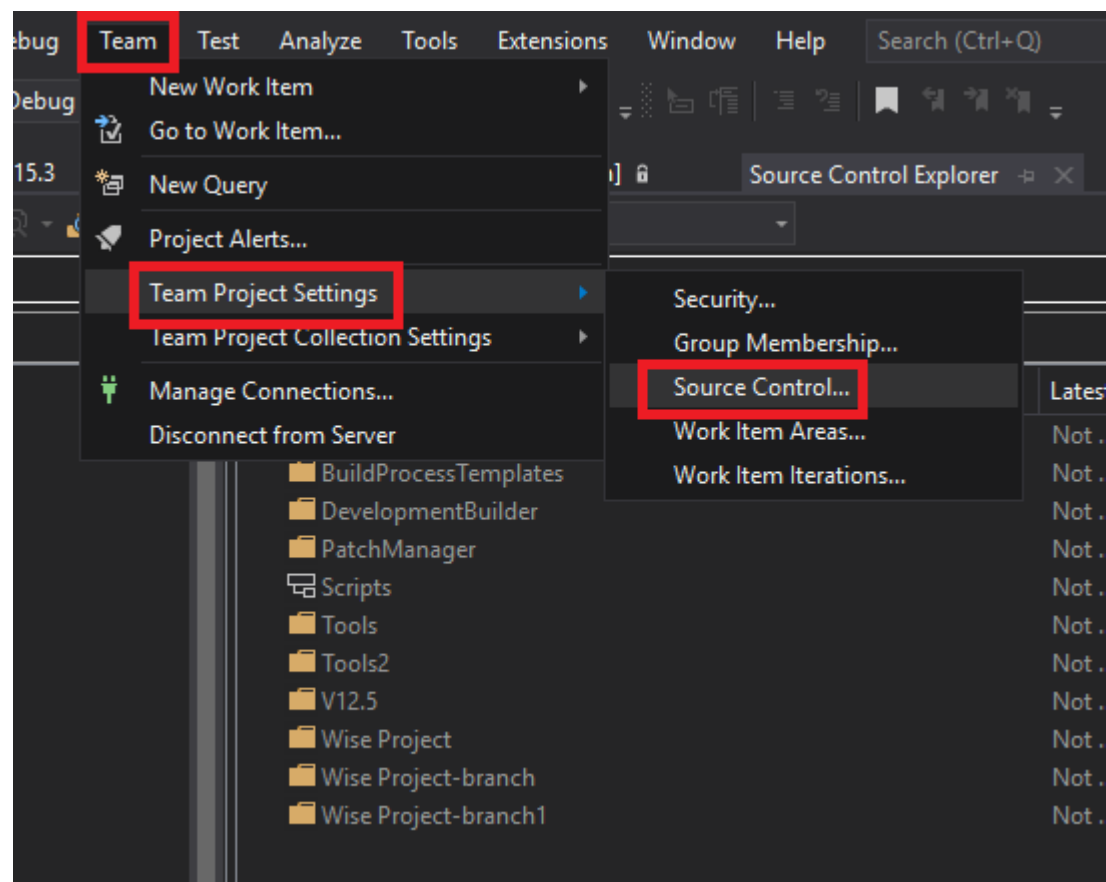
Save & queue

Save & queue

Save

Save as draft

VS 2019:



Source Control Settings - Installations

? X

Check-out Settings **Check-in Policy** Check-in Notes

Policy Type	Description
-------------	-------------

Add...
Edit...
Remove
Enable
Disable

OK Cancel

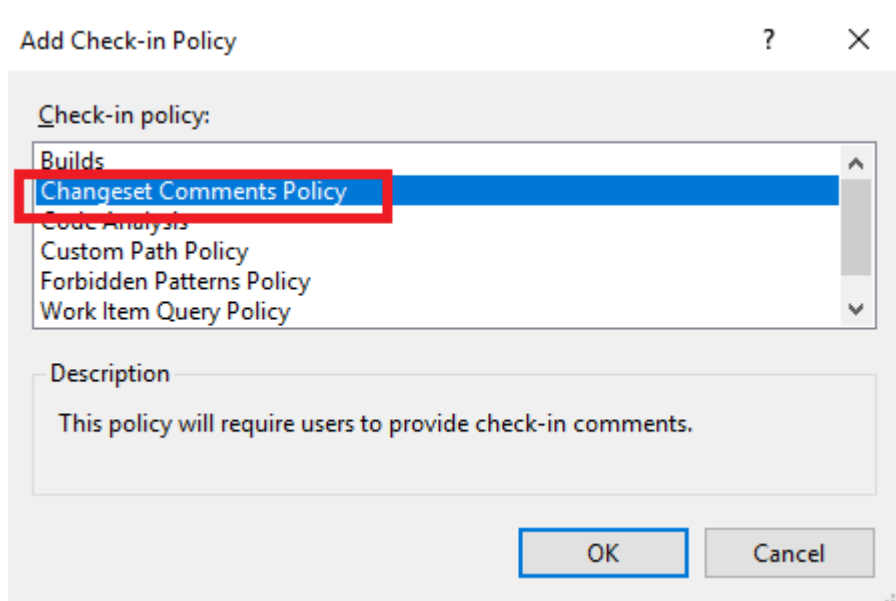
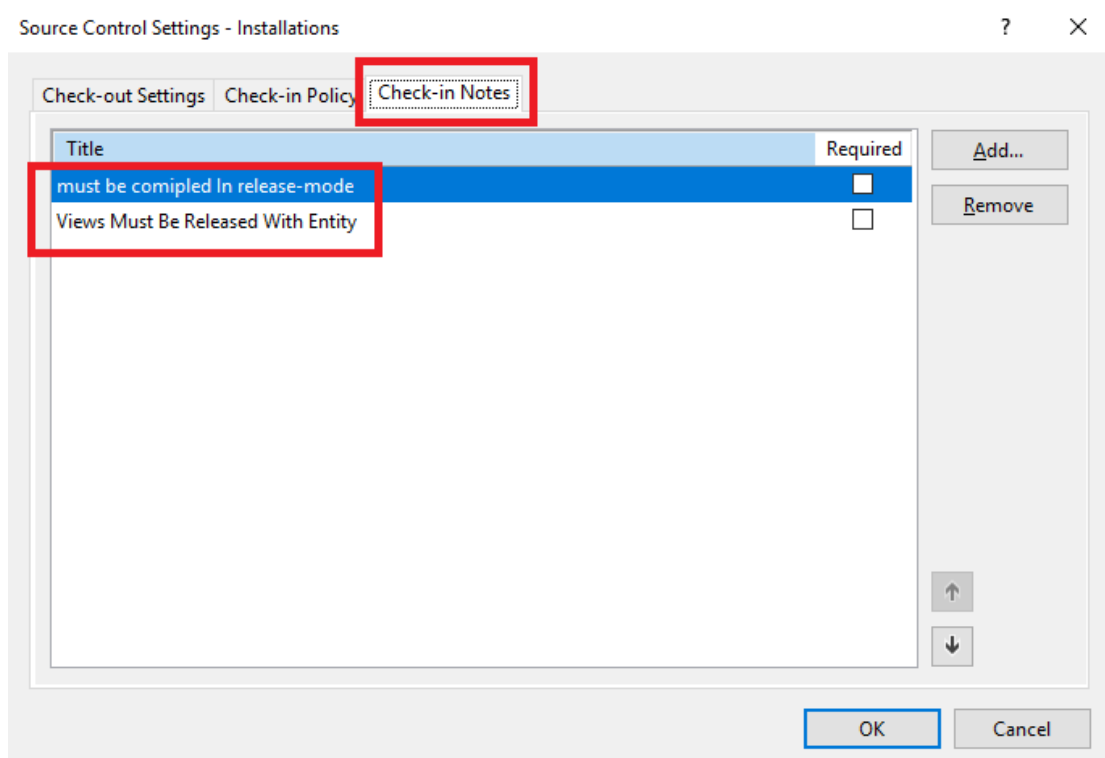
Source Control Settings - Installations ? X

Check-out Settings Check-in Policy Check-in Notes

Policy Type	Description
Changeset Comments Policy	Reminds users to add meaningful comments to their check-i...

Add...
Edit...
Remove
Enable
Disable

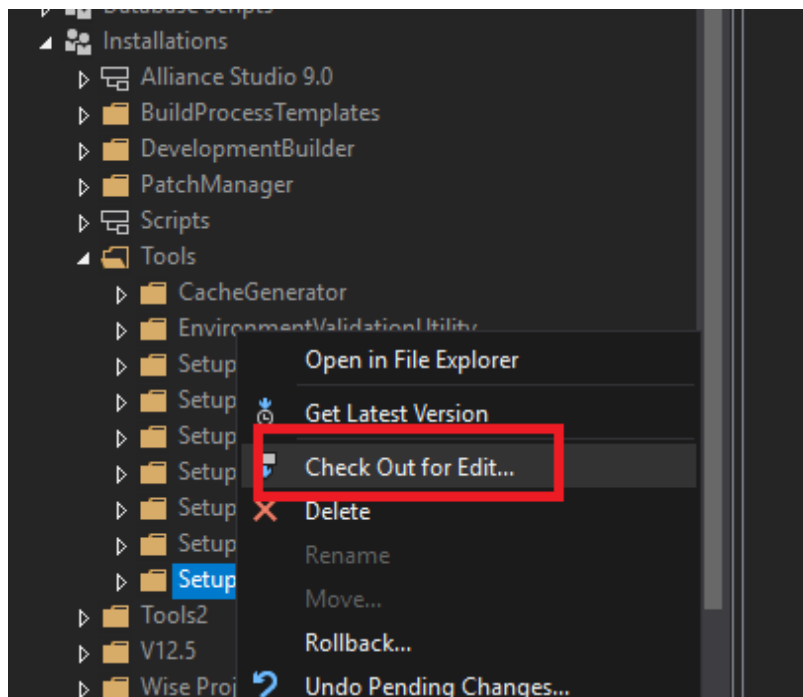
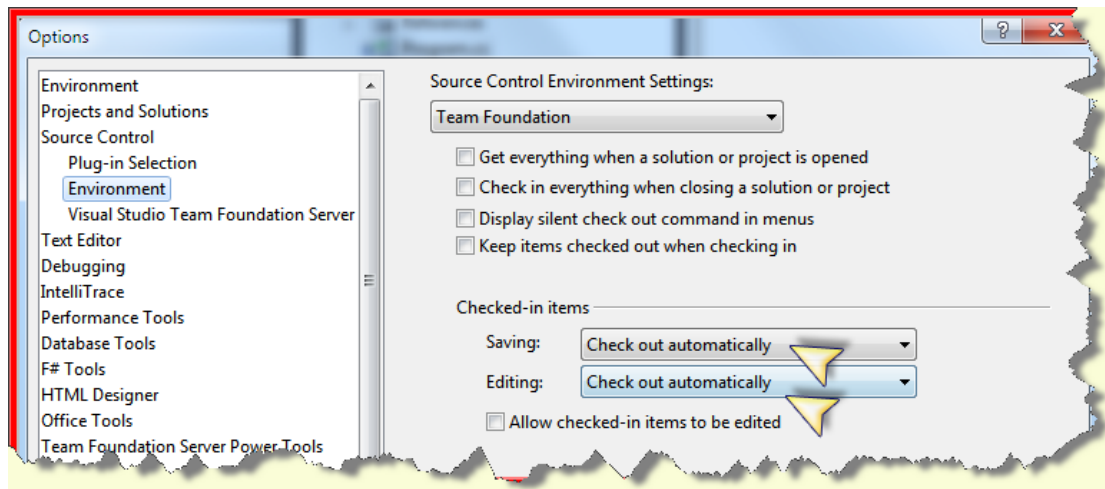
OK Cancel

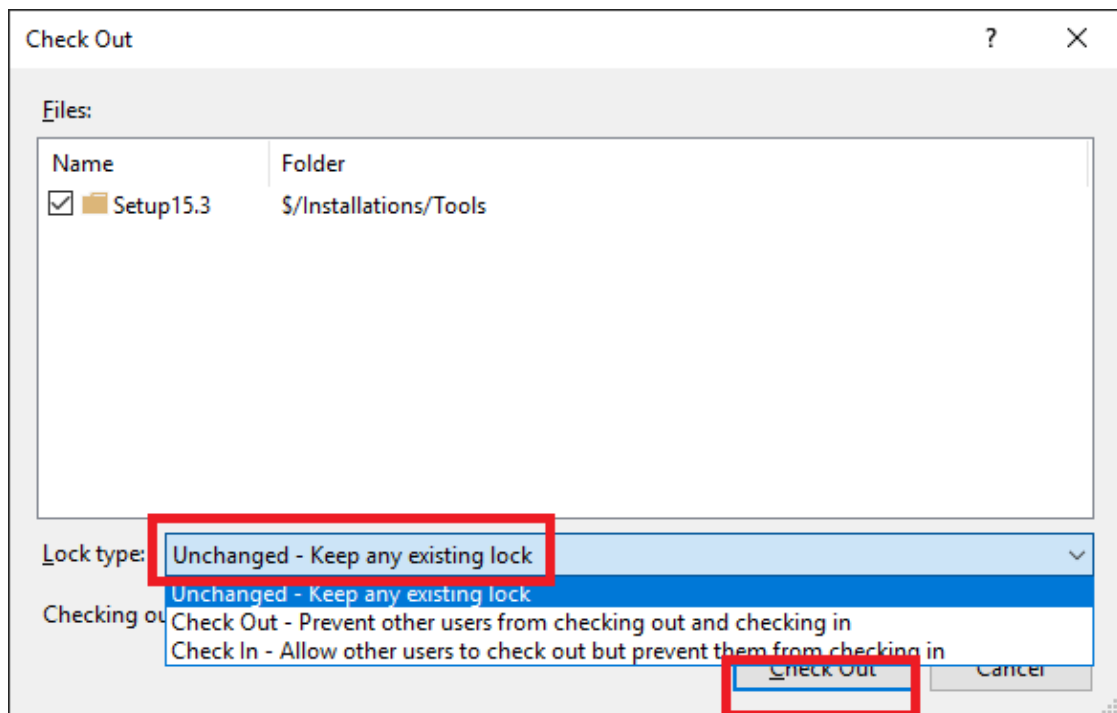


<https://tfsvc.wordpress.com/category/checkoutscheck-ins/>

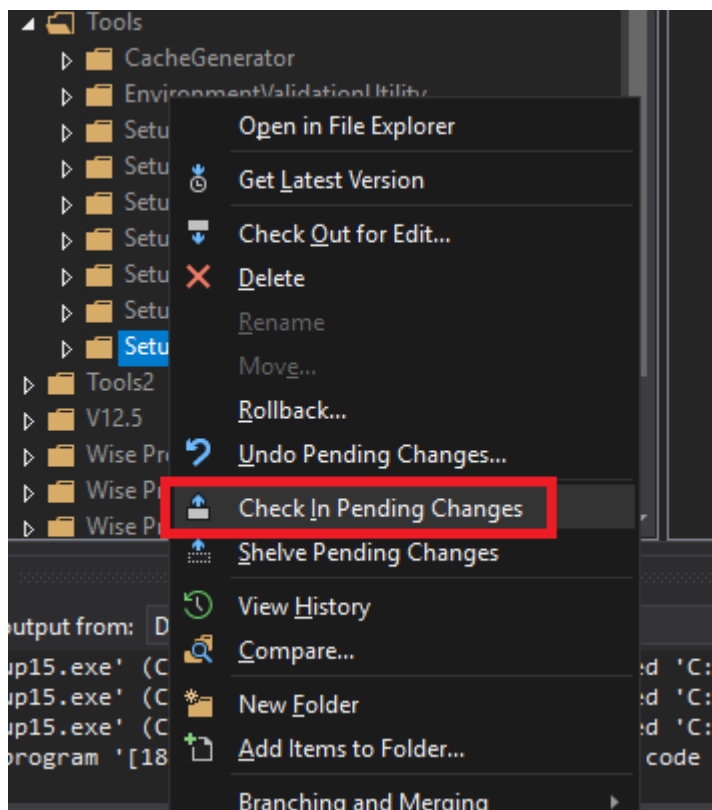
Tools – Options – Source Control – Environment

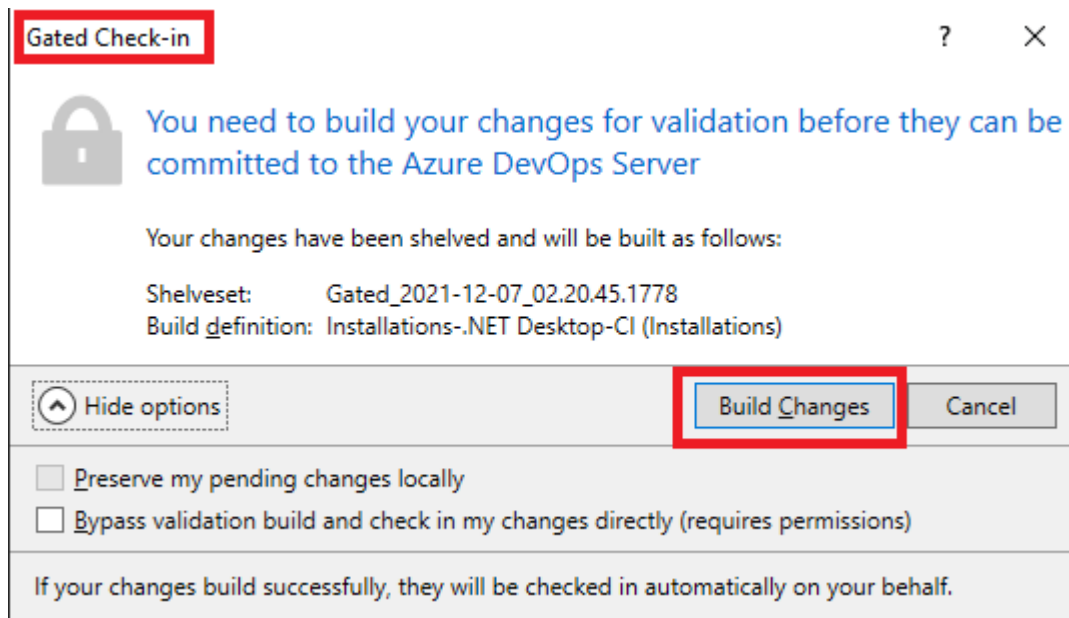
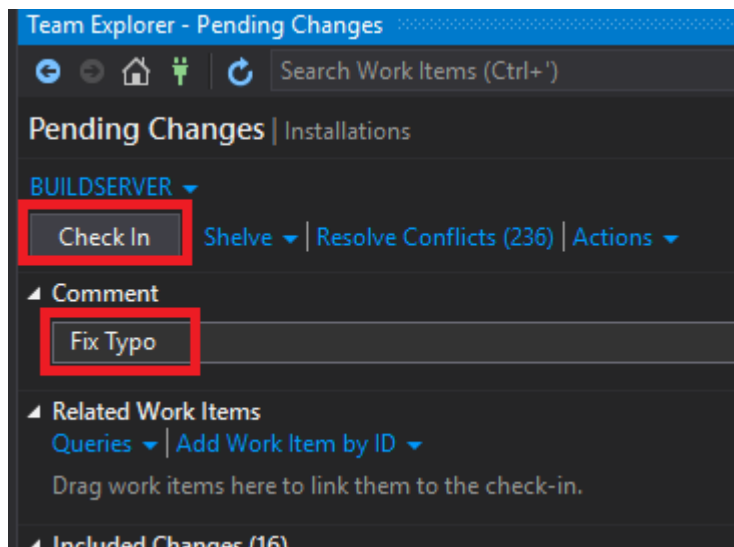
With this option – If you edit the file in Visual Studio, it will check out the file automatically.





After changing the code:





http://tfs2018:8080/tfs/Astea/Installations/_build


[Builds](#) [Releases](#) [Packages](#) [Library](#) [Task Groups](#) [Deployment Groups](#)

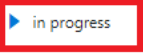
Build Definitions

[Mine](#) [Definitions](#) [Queued](#) [XAML](#)

Requested by me

Status

 **Installations-.NET Desktop-CI** #20211207.5
Prod User requested just now

 in progress

[Builds](#) [Releases](#) [Packages](#) [Library](#) [Task Groups](#) [Deployment Groups](#)

✓ Build 20211207.5

✓ Phase 1

✓ Job

✓ Initialize Job

✓ Get Sources

✓ Use NuGet 6.0.0

✓ NuGet restore

✓ Build solution "***.sln

✓ VsTest - testAssemblies

✓ Publish symbols path

✓ Copy Files to: \$(build.artifactst...





▶ Publish Artifact: drop

✓ Post Job Cleanup



✓ Finalize build

✓ Check in gated changes

Installations-.NET Desktop-CI / Build 20211207.5 / Phase 1 / Job

 Edit build definition  Queue new build...  Download all logs as zip  Retain index

Build succeeded

 Job 
Ran for 15 seconds (BUILDSERVER), completed 2 seconds ago

[Console](#) [Logs](#) [Timeline](#) [Tests](#)

```
Undoing edit: Setup.sln
Setup:
Undoing edit: Astea.ico
Undoing edit: CD Image 110%.jpg
Undoing edit: CD Image 120%.jpg
Undoing edit: CD.jpg
Undoing edit: Form1.cs
Undoing edit: Form1.Designer.cs
Undoing edit: Form1.resx
Undoing edit: Program.cs
Undoing edit: Setup.csproj
Undoing edit: Validation.jpg
Setup\Properties:
Undoing edit: AssemblyInfo.cs
Undoing edit: Resources.Designer.cs
Undoing edit: Resources.resx
Undoing edit: Settings.Designer.cs
Undoing edit: Settings.settings
*****
Finishing: Post Job Cleanup
*****
Finishing: Job
*****
```


[Builds](#) [Releases](#) [Packages](#) [Library](#) [Task Groups](#) [Deployment Groups](#)

Build Definitions

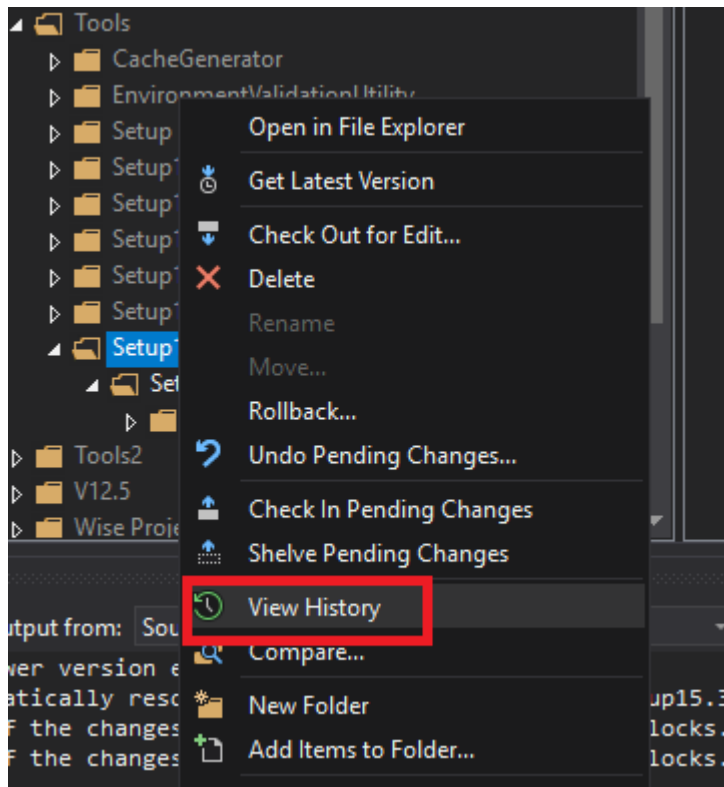
[Mine](#) [Definitions](#) [Queued](#) [XAML](#)

Requested by me

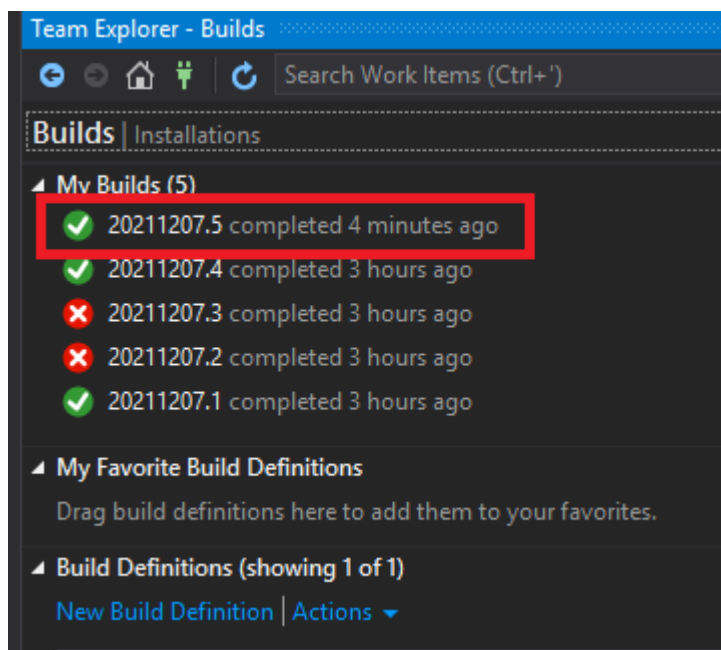
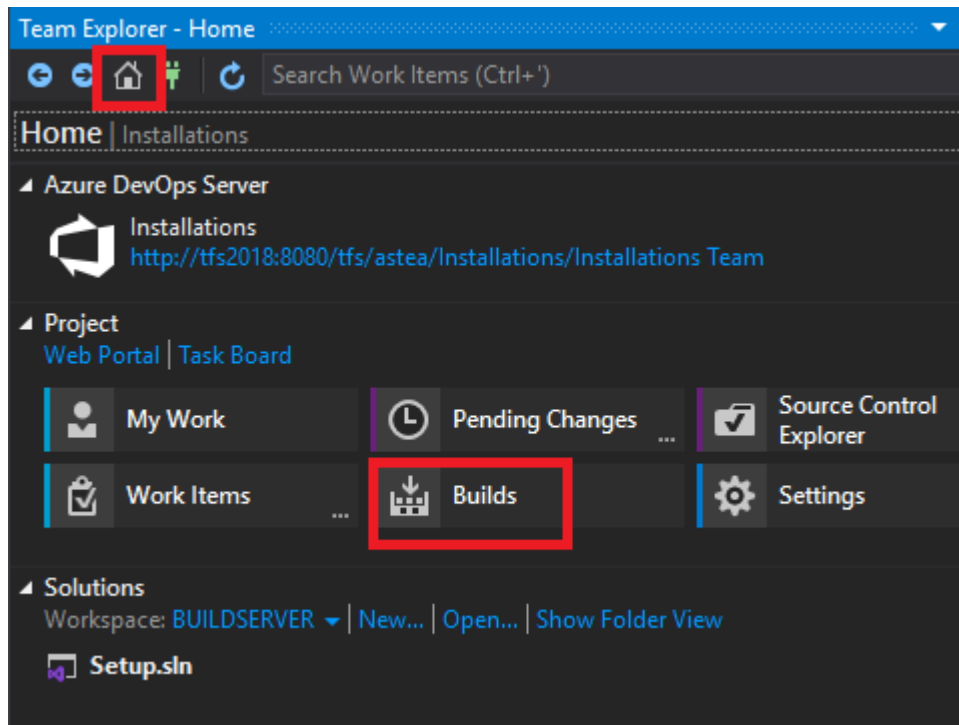
Status

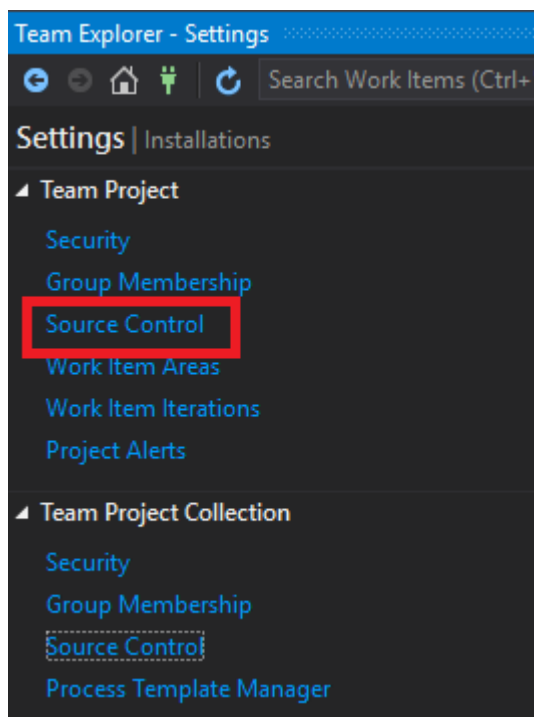
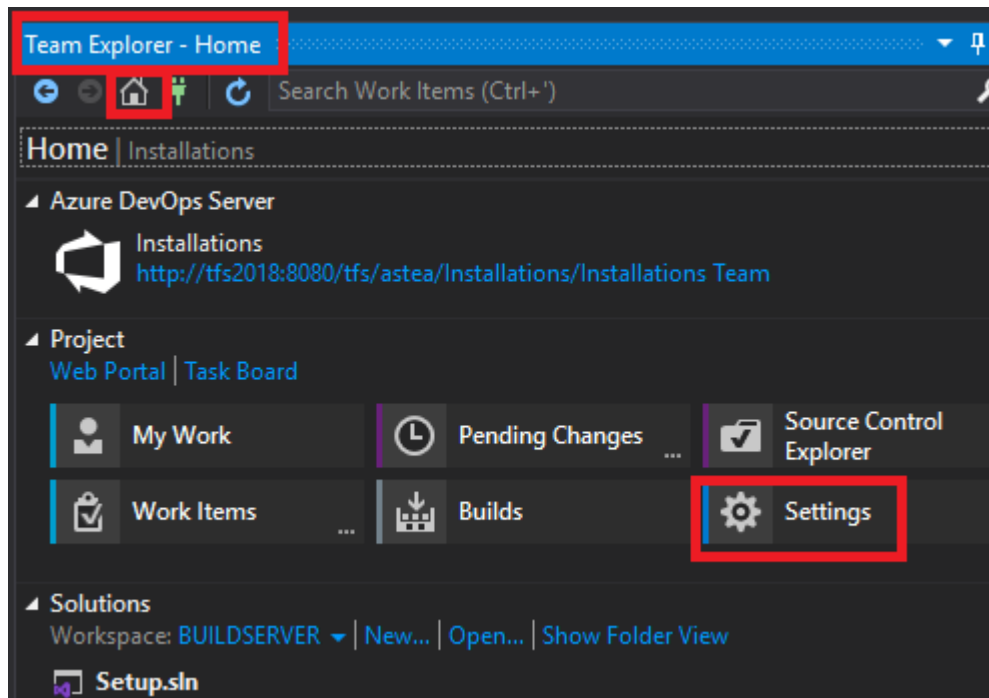
 **Installations-.NET Desktop-CI** : #20211207.5
Prod User requested 2 minutes ago

✓ succeeded



Form1.cs History - Setup15.3 History - Setup15.3 Resolve Conflicts			
Source location: C:\Tools\Setup15.3			
Changesets Labels			
Changeset	User	Date	Comment
170858	Prod User	07/12/2021 14:22:16	Fix Typo ***NO_CI***
170857	Prod User	07/12/2021 11:54:33	HHH ***NO_CI***
170856	Prod User	07/12/2021 11:33:17	HHH ***NO_CI***
170808	Prod User	01/12/2021 16:14:42	EEE ***NO_CI***
170807	Prod User	01/12/2021 16:12:30	DDD ***NO_CI***
170783	Prod User	01/12/2021 10:45:05	dddd
165346	Prod User	11/11/2020 09:44:56	Update 15.3.0.0
164757	Prod User	15/10/2020 11:41:35	Update icon
164755	Prod User	15/10/2020 10:21:59	Add manifest to run as admin
164733	Prod User	14/10/2020 12:01:38	Update
164724	Prod User	14/10/2020 10:36:53	New CD





Source Control Settings - Installations

?

×

Check-out Settings

Check-in Policy

Check-in Notes

Multiple check-out allows more than one person to edit a file at the same time. Conflicting changes are reconciled before check-in. This option is always enabled in local workspaces.

☒ Enable multiple check-out

Get latest on check-out downloads the copy of an item from the Azure DevOps Server to the client computer. This Azure DevOps Server setting applies to all items in this team project, except of items in local workspaces.

☐ Enable get latest on check-out

OK

Cancel