

TFS Command-line Cheat sheet

Cheat sheet for all command-line for Team Foundation Server

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Built-in TFS Command-line

Visual Studio tools command

Tf utility

Tf.exe is command-line for manage source control (TFVC) and workspace

Location: Visual Studio tools <version> Command Prompt

For more information: [Msdn reference](#)

Command	Description
tf add	Add files or folder to source control
tf branch	Create a branch
tf branches	View branch history
tf changeset	View changeset details
tf certificates	Configure authentication certificate
tf configure	(Admin) View and update configuration parameters
tf connections	View the informations of TFS connections and switch user connection
tf checkin	Checkin pending changes files or folder
tf checkout	Checkout files, folder or shelveset
tf delete	Delete files or folder on source control and local
tf destroy	Destroy definitively files or folders on source control
tf diff	Compare 2 files, 2 folders, or shelveset and view difference
tf dir	View TFVC content
tf folderdiff	View differences between 2 folders
tf get	Get latest version or specific version
tf help	View list of commands for tf utility
tf history	Display history changeset for files or folder
tf info	View information's on TFVC elements
tf label	Add label to file or folder version
tf labels	View list of labels
tf localversions	View the version of TFVC element
tf lock	Lock or UnLock file or folder
tf merge	Merge pending changes between branch
tf merges	View the details on merge
tf msdn	Launch web page with documentation on the command
tf permission	View and update ACL on TFVC elements
tf property	View changes on properties on TFVC elements
tf proxy	Configure the TFS proxy
tf rename	Rename the name or path of file or folder
tf resolve	Resolve pending changes conflict
tf rollback	Rollback changesets
tf shelve	Shelve pending changes
tf shelvesets	View Shelvesets details
tf status	Display status for pending changes on files or folder
tf undelete	Rollback deleted elements
Tf undo	Undo pending changes on files or folders
tf unlabel	Delete label
tf unshelve	Unshelve shelveset
tf workfold	Create, update or view mapping information with workspace and local path
tf workspace	Create , update or view properties of mapping and workspace
tf workspaces	View workspaces details

Tfs Build

TfsBuild.exe is command-line to manage build
Location: Visual Studio tools <version> Command Prompt
For more information: [Msdn reference](#)

Command	Description
tfsBuild start	Start new build
Tfsbuild delete	Delete build
Tfsbuild destroy	Destroy deleted build
Tfsbuild stop	Stop build process
Tfsbuild help	Provide help for Tfsbuild command

Tfs Security

TfsSecurity.exe is command-line to manage TFS security.
Location: Visual Studio tools <version> Command Prompt
For more information: [Msdn reference](#)

Command	Description
tfsSecurity	Configure TFS security

Tfs and Project Server

TfsAdmin.exe is command-line to configure TFS with Project Server
Location: Visual Studio tools <version> Command Prompt
For more information: [Msdn reference](#)

Command	Description
tfsadmin	Configure TFS with Project Server

Tfs Delete Project

TfsDeleteProject.exe is command-line for delete Team
Location: Visual Studio tools <version> Command Prompt
For more information: [Msdn reference](#)

Command	Description
tfsdeleteproject	Delete Team project

Tcm (Microsoft Test Manager)

Tcm.exe is command line for provide tools for manage Microsoft Test Manager
Location: Visual Studio tools <version> Command Prompt
For more information: [Msdn reference](#)

Command	Description
Tcm configs	View list plan tests configurations
Tcm fieldmapping	Import or export the xml file of type mapping
Tcm plan	View and clone tests plan
Tcm run	Many operations on test group
Tcm suites	Many operations on test suite
Tcm testenvironments	View list of test environment's
Tcm testcase	Import tests scenarios from assembly or specific test file

WitAdmin

Witadmin.exe is command line to manage work item type

Location: Visual Studio tools <version> Command Prompt

For more information: [Msdn reference](#)

Command	Description
change field	Changes one or more attributes of a field that you specify
deactivatelinktype	Deactivates a specified type of link.
deletefield	Deletes the field that you specify
deletelinktype	Permanently removes the specified type of link from the database
destroyglobal list	Deletes a global list
destroywi	Deletes a work item type
exportagileprocessconfig	Export Xml definition of process agile configuration
exportcategories	Exports the XML definitions of all categories
exportcommonprocessconfig	Exports the XML definition for process configuration
exportglobal list	Exports the XML definition file that contains one or more global lists
exportglobalworkflow	Exports the XML file that define a global workflow
exportlinktype	Exports the XML definition files of one or more types of links
exportprocessconfig	Export the configuration of process of the project
exportwitd	Exports the XML definition of a work item type
help	Show help of this command
importagileprocessconfig	Import Xml definition of process agile configuration
importcategories	Imports the XML definitions of all categories
importcommonprocessconfig	Imports the XML definition for process configuration
importglobal list	Imports the XML file that defines one or more global lists
importglobalworkflow	Imports the XML file that defines a global workflow
importlinktype	Imports the XML definition files of one or more types of links
importprocessconfig	Import the configuration of process of the project
importwitd	Imports the XML definition of a work item type.
indexfield	Turns indexing on or off for a field that you specify
listfields	Lists the attributes for a field that you specify or for all fields
listglobal list	Lists the name of each global list that is defined for the collection
listlinktypes	Lists the set of link types on a server
listwitd	Lists the names of the work item types
reactivatelinktype	Reactivates the type of link that you specify. You can also rename the type of link
rebuildcache	force a rebuild of the cache of all client computers
renamewitd	Changes the display name of a work item type

Tfs Field Mapping

TfsFieldMapping.exe is command line to upload or download the Microsoft Project mapping field.

Location: programfiles\Common Files\microsoft shared\Team Foundation Server\12.0

For more information: [Msdn reference](#)

Command	Description
TfsFieldMapping upload	Upload the Microsoft project mapping field
TfsServiceControl download	Download the Microsoft project mapping field

TFS server application tiers

Tfs Config

TfsConfig.exe is command line for configure TFS.

Location: Program Files\Microsoft Team Foundation Server <version>\Tools on TFS server application tier

For more information: [Msdn reference](#)

Command	Description
tfsConfig accounts	Manage Tfs services account
tfsConfig authentication	Active Kerberos Authentication or NTLM authentication
tfsConfig certificates	Configure client authentication certificate
tfsConfig changeServerId	Renew TFS instance to the new instance Id
tfsConfig codeIndex	Manage job maintenance on code
tfsConfig collection	Attach, detach or delete Collection
tfsConfig configureMail	Configure Email option
tfsConfig help	Provide help for the TfsConfig command
tfsConfig identities	Enumerate or change the id (sid)
tfsConfig jobs	Authorize job restart or create file log event
tfsConfig lab	Configure lab management and DNS lab
tfsConfig license	Show TFS license information
tfsConfig prepareClone	Prepare configuration database for clone
tfsConfig proxy	Update TFS proxy configuration
tfsConfig rebuildWarehouse	Rebuild Analysis Service and Data Warehouse database
tfsConfig registerDB	Update configuration Database
tfsConfig remapDBs	List database of the sql instance, repair incoherence
tfsConfig settings	Show or update TFS Urls parameters
tfsConfig setup	Cancel TFS configuration
tfsConfig unattend	Configure TFS with file config

Tfs Service Control

TfsServiceControl.exe is command line to start or stop TFS Services

Location: TFS server application tier

For more information: [Msdn reference](#)

Command	Description
tfsServiceControl quiesce	Stop all TFS Services
tfsServiceControl unquiesce	Start all TFS Services

Tfs Lab Config

TfslabConfig.exe is command line to configure VS Lab Management

Location: Program Files\Microsoft Team Foundation Server <version>\Tools on TFS application tier

For more information: [Msdn reference](#)

Command	Description
tfslabconfig Settings	Set SCVMM server name and network isolation parameters
TPHostGroup	Manage host roles for team project collection
TPLibraryShare	Manage sharing Libraries of collection
TPHostGroup	Manage host roles for team project collection
TPLibraryShare	Manage sharing libraries of collection
permissions	Show or set authorizations on specified object
Help	Show help for Tfslabconfig help

Third TFS command-line tools

TFS Power tools

TFS power tools *Tfpt.exe* provides additional commands line.

Location: Visual Studio tools <version>Command Prompt

Download to: [Visual Studio gallery and extensions](#)

Command	Description
Tfpt addprojectportal	Add or move portal for an existing team project
Tfpt addprojectreports	Add or overwrite reports for an existing team project
Tfpt annotate	Display line-by-line change information for a file
Tfpt bind	Convert VSS-bound solutions into TFS-bound solutions
Tfpt branches	Convert, reparent, list, and update branches
Tfpt builddefinition	Clone, Diff or Dump build definitions
Tfpt buildprocesstemplate	Manage build process templates
Tfpt connections	Modifies Team Explorer client connection settings
Tfpt createteamproject	Create a team project
Tfpt getcs	Get only the changes in a particular changeset
Tfpt online	Pend adds, edits, deletes to writable files
Tfpt query	Query for work items
Tfpt review	Review (diff/view) workspace changes
Tfpt scorch	Ensure source control and the local disk are identical
Tfpt searchcs	Search for changesets matching specific criteria
Tfpt treeclean	Delete files and folders not under version control
Tfpt unshelve	Unshelve into workspace with pending changes
Tfpt uu	Undo changes to unchanged files in the workspace
Tfpt workitem	Create, update, or view work items

Test Attachments cleaner

It's part of TFS power tools, for more information: [Information for Test attachment cleaner](#)

Command	Description
tcmt attachmentcleanup	Clean tests attachments

WiqAdmin

Wiqadmin.exe tools provide commands line for manage work items queries.

It's available on <http://wiqadmin.codeplex.com/>

Command	Description
Wiqadmin list	Lists work item queries.
Wiqadmin import	Import the XML definition of a work item query.
Wiqadmin export	Export the XML definition of a work item query.
Wiqadmin rename	Rename work item query
Wiqadmin delete	Delete work item query
Wiqadmin copy	Copy work item query between projects or collections

TfsClean

This tool provide command-line for find and delete old workspaces and shelvesets.

For download and documentation: [Download and documentation](#)

Command	Description
TfsClean	Find and delete old workspaces and shelvesets

TfsCreateBuild

This tool provide command-line for create "faked" builds, without actually running them.

For download and documentation: [Download and documentation](#)

Command	Description
TfsCreateBuild	Create fake build

TfsExport

This tool provides command-line for download files or folders from TFS without having to create a workspace.

For download and documentation: [Download and documentation](#)

Command	Description
TfsExport	Download files or folders

TfsMoveDescription

This tool provide command-line for move the data from your existing Description (Reference Name: System. Description) field to a new HTML-enabled field.

For download and documentation: [Download and documentation](#)

Command	Description
TfsMoveDescription	For move the data from your existing Description field to a new HTML-enabled field

TfsReg

This tool provide command-line for change key in the TFS registry.

For download and documentation: [Download and documentation](#)

Command	Description
TfsReg	Change key in TFS registry