

Microsoft Visual Studio 2017 (All shortcuts) cheat

Information sheet

For only frequently used shortcuts list, please click [here](#).

Analyze

Shift + Alt + 3 Analyze.NavigateBackward

Shift + Alt + 4 Analyze.NavigateForward

Architecture

Ctrl + \ then Ctrl + N Architecture.NewDiagram

Build

Ctrl + Shift + B Build.BuildSolution

Ctrl + Break Build.Cancel

Ctrl + F7 Build.Compile

Alt + F11 Build.RunCodeAnalysisonSolution

Class View context menus

Alt + Enter ClassViewContextMenus.ClassViewMultiselectProjectreference

Debug

Alt + F10 Debug.ApplyCodeChanges

Ctrl + Debug.Autos

Alt +

V

then

A

Ctrl + Debug.BreakAll

Alt +

Break

Ctrl + Debug.BreakatFunction

B

Ctrl + Debug.Breakpoints

Alt +

B

Ctrl + Debug.CallStack

Alt +

C

Ctrl + Debug.DeleteAllBreakpoints

Shift

+ F9

Alt + Debug.DiagnosticsHub.Launch

F2

Ctrl + Debug.Disassembly

Alt +

D

Ctrl + Debug.DOMExplorer

Alt +

V

then

D

Ctrl + Debug.EnableBreakpoint

F9

Ctrl + Debug.Exceptions

Alt +

E

Ctrl + Debug.GoToPreviousCallorIntelliTraceEvent

Shift

+ F11

Alt + Debug.Graphics.StartDiagnostics

F5

Ctrl + Debug.Immediate

Alt + I

Ctrl + Debug.IntelliTraceCalls

Alt +

Y

then

T

Ctrl + Debug.IntelliTraceEvents

Alt +

Y

then

F

Ctrl + Debug.JavaScriptConsole

Alt +

V

then

C

Ctrl + Debug.Locals

Alt +

V

then

L

Ctrl + Debug.LocationToolbar.ProcessCombo

5

Ctrl + Debug.LocationToolbar.StackFrameCombo

7	+ D
Ctrl + Debug.LocationToolbar.ThreadCombo	then
6	3
Ctrl + Debug.LocationToolbar.ToggleCurrentThreadFlaggedState	Ctrl + Debug.ParallelWatch4
8	Shift
Ctrl + Debug.LocationToolbar.ToggleFlaggedThreads	+ D
9	then
Ctrl + Debug.Memory1	4
Alt +	Ctrl + Debug.Processes
M	Alt +
then	Z
1	Shift Debug.QuickWatch
Ctrl + Debug.Memory2	+ F9
Alt +	Ctrl + Debug.QuickWatch
M	Alt +
then	Q
2	Ctrl + Debug.RefreshWindowsapp
Ctrl + Debug.Memory3	Shift
Alt +	+ R
M	Ctrl + Debug.Registers
then	Alt +
3	G
Ctrl + Debug.Memory4	Ctrl + Debug.Restart
Alt +	Shift
M	+ F5
then	Ctrl + Debug.RunToCursor
4	F10
Ctrl + Debug.Modules	Ctrl + Debug.SetNextStatement
Alt +	Shift
U	+ F10
Ctrl + Debug.ParallelStacks	Ctrl + Debug.ShowCallStackonCodeMap
Shift	Shift
+ D	+ `
then	Alt + * Debug.ShowNextStatement
S	[Num
Ctrl + Debug.ParallelWatch1	1 - 9]
Shift	F5 Debug.Start
+ D	Alt + Debug.StartWindowsPhoneApplicationAnalysis
then	F1
1	Ctrl + Debug.StartWithoutDebugging
Ctrl + Debug.ParallelWatch2	F5
Shift	F11 Debug.StepInto
+ D	Ctrl + Debug.StepIntoCurrentProcess
then	Alt +
2	F11
Ctrl + Debug.ParallelWatch3	Shift Debug.StepIntoSpecific
Shift	

+ Alt
+ F11

Shift Debug.StepOut
+ F11

Ctrl + Debug.StepOutCurrentProcess
Shift
+ Alt
+ F11

F10 Debug.StepOver

Ctrl + Debug.StepOverCurrentProcess
Alt +
F10

Shift Debug.StopDebugging
+ F5

Shift Debug.StopPerformanceAnalysis
+ Alt
+ F2

Ctrl + Debug.Tasks
Shift
+ D
then
K

Ctrl + Debug.Threads
Alt +
H

F9 Debug.ToggleBreakpoint

Ctrl + Debug.ToggleDisassembly
F11

Ctrl + Debug.Watch1
Alt +
W
then
1

Ctrl + Debug.Watch2
Alt +
W
then
2

Ctrl + Debug.Watch3
Alt +
W
then
3

Ctrl + Debug.Watch4
Alt +
W
then

4

Debugger context menus

Alt DebuggerContextMenu.BreakpointsWindow.Delete
+
F9
then
D

Alt DebuggerContextMenu.BreakpointsWindow.GoToDisassembly
+
F9
then
A

Alt DebuggerContextMenu.BreakpointsWindow.GoToSourceCode
+
F9
then
S

Diagnostics Hub

Ctrl + Alt + F2 DiagnosticsHub.StopCollection

Edit

Ctrl + C Edit.Copy

Ctrl + Insert Edit.Copy

Ctrl + X Edit.Cut

Shift + Del or Shift + Del or Shift +
Del Edit.Cut

Ctrl + Shift + V Edit.CycleClipboardRing

Ctrl + Shift + Insert Edit.CycleClipboardRing

Del Edit.Delete

Ctrl + F Edit.Find

Shift + F12 Edit.FindAllReferences

Ctrl + Shift + F Edit.FindinFiles

F3 Edit.FindNext

Ctrl + F3 Edit.FindNextSelected

Shift + F3 Edit.FindPrevious

Ctrl + Shift + F3 Edit.FindPreviousSelected

Ctrl + K then Ctrl + M Edit.GenerateMethod

Ctrl + G Edit.GoTo

Ctrl + F12 Edit.GoToDeclaration

F12	Edit.GoToDefinition
Ctrl + D	Edit.GoToFindCombo
F8	Edit.GoToNextLocation
Shift + F8	Edit.GoToPrevLocation
Ctrl + K then Ctrl + X	Edit.InsertSnippet
Ctrl + Down arrow or Ctrl + Down arrow or Ctrl + Down arrow	Arrow Edit.MoveControlDown
Down arrow	Arrow Edit.MoveControlDownGrid
Ctrl + Left arrow or Ctrl + Left arrow	Arrow Edit.MoveControlLeft
Left arrow	Arrow Edit.MoveControlLeftGrid
Right arrow	Arrow Edit.MoveControlRightGrid
Up arrow	Arrow Edit.MoveControlUpGrid
Ctrl + ,	Edit.NavigateTo
Ctrl + K then Ctrl + N	Edit.NextBookmark
Ctrl + Shift + K then Ctrl + Shift + N	Edit.NextBookmarkInFolder
Ctrl + Shift + G	Edit.OpenFile
Ctrl + V	Edit.Paste
Shift + Insert	Edit.Paste
Ctrl + K, Ctrl + P	Edit.PreviousBookmark
Ctrl + Shift + K then Ctrl + Shift + P	Edit.PreviousBookmarkInFolder
Shift + Alt + F12	Edit.QuickFindSymbol
Ctrl + Y	Edit.Redo
Ctrl + Shift + Z	Edit.Redo
Shift + Alt + Backspace	Edit.Redo
Ctrl + Shift + J	Edit.RefreshRemoteReferences
Ctrl + H	Edit.Replace
Ctrl + Shift + H	Edit.ReplaceinFiles
Ctrl + A	Edit.SelectAll
Tab or Tab or Tab	Edit.SelectNextControl
Shift + Tab or Shift + Tab or Shift + Tab	Edit.SelectPreviousControl

Enter	Edit.ShowTileGrid
Shift + Down arrow	Arrow Edit.SizeControlDownGrid
Ctrl + Shift + Left arrow or Ctrl + Shift + Left arrow	Arrow Edit.SizeControlLeft
Shift + Left arrow	Arrow Edit.SizeControlLeftGrid
Shift + Right arrow	Arrow Edit.SizeControlRightGrid
Shift + Up arrow	Arrow Edit.SizeControlUpGrid
Alt + F3 then S	Edit.StopSearch
Ctrl + K then Ctrl + S	Edit.SurroundWith
Ctrl + Z	Edit.Undo
Alt + Backspace	Edit.Undo

Editor context menus

Alt + F9 then L	EditorContextMenus.CodeWindow.Breakpoint.BreakpointEditlab
Ctrl + `	EditorContextMenus.CodeWindow.CodeMap.ShowItem
Ctrl + Alt + F5	EditorContextMenus.CodeWindow.Execute
Ctrl + M then Ctrl + G or Ctrl + M then Ctrl + G	EditorContextMenus.CodeWindow.GoToView
Ctrl + K then Ctrl + O	EditorContextMenus.CodeWindow.ToggleHeaderCodeFile
Ctrl + K	EditorContextMenus.CodeWindow.ViewCallHierarchy

then
Ctrl
+ T

Ctrl T
+ K
then

File

Alt + F4 File.Exit

Ctrl + N File.NewFile

Ctrl + Shift + N File.NewProject

Shift + Alt + N File.NewWebSite

Ctrl + O File.OpenFile

Ctrl + Shift + O File.OpenProject

Shift + Alt + O File.OpenWebSite

Ctrl + P File.Print

Ctrl + Shift + S File.SaveAll

Ctrl + S File.SaveSelectedItems

Ctrl + Shift + W File.ViewInBrowser

Help

Ctrl + Alt + F1 Help.AddandRemoveHelpContent

F1 Help.F1Help

Ctrl + F1 Help.ViewHelp

Shift + F1 Help.WindowHelp

Load test

Ctrl + R then Q or LoadTest.JumpToCounterPane
Ctrl + R then Q

Other context menus

Insert OtherContextMenus.MicrosoftDataEntityDesignContext.Add

Project

Shift + Alt + A Project.AddExistingItem

Ctrl + Shift + A Project.AddNewItem

Ctrl + Shift + X Project.ClassWizard

Ctrl + Alt +
Insert Project.Override

Alt + ; then Alt Project.Previewchanges

+ C

Alt + ; then Alt Project.Publishselectedfiles
+ P

Alt + ; then Alt Project.Replacesselectedfilesfromserver
+ R

Project and solution context menus

Alt + Arrow
Down ProjectandSolutionContextMenus.Item.MoveDown
arrow

Alt + Arrow
Up ProjectandSolutionContextMenus.Item.MoveUp
arrow

Refactor

Ctrl + R then Ctrl + Refactor.EncapsulateField
E or Ctrl + R then
Ctrl + E

Ctrl + R then Ctrl + Refactor.ExtractInterface
I

Ctrl + R then Ctrl + Refactor.ExtractMethod
M or Ctrl + R then
Ctrl + M

Ctrl + R then Ctrl + Refactor.RemoveParameters
V

Ctrl + R then Ctrl + Refactor.Rename
R or Ctrl + R then
Ctrl + R

Ctrl + R then Ctrl + Refactor.ReorderParameters
O

Solution Explorer

Ctrl + [SolutionExplorer.OpenFilesFilter
then O or
Ctrl + [
then Ctrl +
O

Ctrl + [SolutionExplorer.PendingChangesFilter
then P or
Ctrl + [
then Ctrl +
P

Ctrl + [SolutionExplorer.SyncWithActiveDocument
then S or
Ctrl + [

then Ctrl +
S

Team

Ctrl + 0 then Ctrl + Team.Git.GoToGitBranches
N or Ctrl + 0 then
N

Ctrl + 0 then Ctrl + Team.Git.GoToGitChanges
G or Ctrl + 0 then
G

Ctrl + 0 then Ctrl + Team.Git.GoToGitCommits
O or Ctrl + 0 then
O

Ctrl + ' Team.TeamExplorerSearch

Team Foundation context menus

Ctrl TeamFoundationContextMenus.Commands.GoToBuilds
+ 0
then
Ctrl
+ B
or
Ctrl
+ 0
then
B or
Ctrl
+ 0
then
Ctrl
+ C
or
Ctrl
+ 0
then
C

Ctrl TeamFoundationContextMenus.Commands.GoToDocuments
+ 0
then
Ctrl
+ D
or
Ctrl
+ 0
then
D

Ctrl TeamFoundationContextMenus.Commands.GoToHome

+ 0
then
Ctrl
+ H
or
Ctrl
+ 0
then
H

Ctrl TeamFoundationContextMenus.Commands.GoToMyWork
+ 0
then
Ctrl
+ M
or
Ctrl
+ 0
then
M

Ctrl TeamFoundationContextMenus.Commands.GoToPendingChanges
+ 0
then
Ctrl
+ P
or
Ctrl
+ 0
then
P

Ctrl TeamFoundationContextMenus.Commands.GoToReports
+ 0
then
Ctrl
+ R
or
Ctrl
+ 0
then
R

Ctrl TeamFoundationContextMenus.Commands.GoToSettings
+ 0
then
Ctrl
+ S
or
Ctrl
+ 0
then
S

Ctrl TeamFoundationContextMenus.Commands.GoToWebAccess

+ 0
then
Ctrl
+ A
or
Ctrl
+ 0
then
A

Ctrl TeamFoundationContextMenus.Commands.GoToWorkItems

+ 0
then
Ctrl
+ W
or
Ctrl
+ 0
then
W

Test

Ctrl + \ then Ctrl + Test.UseCodedUITestBuilder
C

Ctrl + \ then Ctrl + Test.UseExistingActionRecording
A

Test Explorer

Ctrl + R then TestExplorer.DebugAllTests
Ctrl + A

Ctrl + R then TestExplorer.DebugAllTestsInContext
Ctrl + T

Ctrl + R then L TestExplorer.RepeatLastRun

Ctrl + R then A TestExplorer.RunAllTests

Ctrl + R then T TestExplorer.RunAllTestsInContext

Tools

Ctrl + Alt + P Tools.AttachtoProcess

Ctrl + K then Ctrl + Tools.CodeSnippetsManager
B

Ctrl + Shift + Alt + Tools.ForceGC
F12 then Ctrl +
Shift + Alt + F12

Ctrl + / Tools.GoToCommandLine

View

Shift + Alt + View.AllWindows
M

Ctrl + \ then View.ArchitectureExplorer
Ctrl + R

Alt + Left View.Backward
arrow

Ctrl + K then View.BookmarkWindow
Ctrl + W

Ctrl + Shift + View.BrowseNext
1

Ctrl + Shift + View.BrowsePrevious
2

Ctrl + Alt + K View.CallHierarchy

Ctrl + Shift + View.ClassView
C

Ctrl + K then View.ClassViewGoToSearchCombo
Ctrl + V

Ctrl + \ then D View.CodeDefinitionWindow
or Ctrl + \
then Ctrl + D

Ctrl + Alt + A View.CommandWindow

Shift + Alt + D View.DataSources

Ctrl + Alt + T View.DocumentOutline

F2 View.EditLabel

Ctrl + \ then View.ErrorList
Ctrl + E or
Ctrl + \ then E

Ctrl + Alt + F View.F#Interactive

Ctrl + Alt + View.FindSymbolResults
F12

Alt + Right View.Forward
arrow

Ctrl + Shift + View.ForwardBrowseContext
7

Shift + Alt + View.FullScreen
Enter

Ctrl + - View.NavigateBackward

Ctrl + Shift + - View.NavigateForward

Ctrl + Shift + View.NextError
F12

Ctrl + W then View.Notifications
N or Ctrl + W

then Ctrl + N

Ctrl + Alt + J	View.ObjectBrowser
Ctrl + K then Ctrl + R	View.ObjectBrowserGoToSearchCombo
Ctrl + Alt + O	View.Output
Ctrl + Shift + 8	View.PopBrowseContex
F4	View.PropertiesWindow
Shift + F4	View.PropertyPages
Ctrl + Shift + E or Ctrl + Shift + E	View.ResourceView
Ctrl + Alt + S	View.ServerExplorer
Shift + Alt + F10 or Shift + Alt + F10	View.ShowSmartTag
Ctrl + .	View.ShowSmartTag
Ctrl + Alt + L	View.SolutionExplorer
Ctrl + \ then Ctrl + S	View.SQLServerObjectExplorer
Ctrl + \ then T or Ctrl + \ then Ctrl + T	View.TaskList
Ctrl + \ then Ctrl + M	View.TfsTeamExplorer
Ctrl + Alt + X	View.Toolbox
Ctrl + \ then Ctrl + U	View.UMLModelExplorer
Shift + F7	View.ViewDesigner
Ctrl + Alt + R	View.WebBrowser
Ctrl + Shift + .	View.ZoomIn
Ctrl + Shift + ,	View.ZoomOut

Window

Esc or Esc or Esc	Window.ActivateDocumentWindow
Ctrl + Shift + Alt + Space	Window.AddTabtoSelection
Ctrl + F4	Window.CloseDocumentWindow
Shift + Esc	Window.CloseToolWindow
Ctrl + Alt + Home	Window.KeepTabOpen
Ctrl + F2	Window.MovetoNavigationBar

Ctrl + F6	Window.NextDocumentWindow
Ctrl + Tab	Window.NextDocumentWindowNav
Alt + F6	Window.NextPane
F6	Window.NextSplitPane
Ctrl + Alt + Page Down	Window.NextTab
Ctrl + Page Down	Window.NextTab
Ctrl + Shift + Alt + Page Down	Window.NextTabandAddtoSelection
Alt + F7	Window.NextToolWindowNav
Ctrl + Shift + F6	Window.PreviousDocumentWindow
Ctrl + Shift + Tab	Window.PreviousDocumentWindowNav
Shift + Alt + F6	Window.PreviousPane
Shift + F6	Window.PreviousSplitPane
Ctrl + Alt + Page Up	Window.PreviousTab
Ctrl + Shift + Alt + Page Up	Window.PreviousTabandAddtoSelection
Shift + Alt + F7	Window.PreviousToolWindowNav
Ctrl + Q	Window.QuickLaunch
Ctrl + Shift + Q	Window.QuickLaunchPreviousCategory
Alt + +	Window.ShowDockMenu
Ctrl + Alt + Down arrow	Window.ShowEzMDIFileList
Ctrl + ;	Window.SolutionExplorerSearch
Alt + `	Window.WindowSearch

Azure

Ctrl + Num * then Ctrl + R	WindowsAzure.RetryMobileServiceScriptOperation
Ctrl + R	WindowsAzure.ShowMobileServiceScriptErrorDetails

Num
*
then
Ctrl
+ D

ADO.NET Entity Data Model

Designer

Alt + Arrow
Down OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
arrow

Alt + OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
Page
Down

Alt + OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
End

Alt + OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
Home

Alt + Arrow
Up OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
arrow

Alt + OtherContextMenus.MicrosoftDataEntityDesignContext.Mo
Page
Up

Ctrl + R OtherContextMenus.MicrosoftDataEntityDesignContext.R
R,

Shift OtherContextMenus.MicrosoftDataEntityDesignContext.RemovefromDiagram

+ Del
or
Shift
+ Del
or
Shift
+ Del

Ctrl + View.EntityDataModelBrowser
1

Ctrl + View.EntityDataModelMappingDetails
2

Class diagram

Num - ClassDiagram.Collapse

Num + ClassDiagram.Expand

Ctrl + Del Edit.Delete

Shift + Alt + B Edit.ExpandCollapseBaseTypeList

Shift + Alt + L Edit.NavigateToLollipop

Del Edit.RemovefromDiagram

Enter View.ViewCode

Coded UI Test Editor

Ctrl OtherContextMenus.UITestEditorContextMenu.CopyReferencet
+ C

Ctrl OtherContextMenus.UITestEditorContextMenu.InsertDelayBefore
+

Alt

+ D

Shift OtherContextMenus.UITestEditorContextMenu.LocateAll

+

Alt

+ L

Ctrl OtherContextMenus.UITestEditorContextMenu.LocatetheUICon
+

Shift

+ L

Ctrl OtherContextMenus.UITestEditorContextMenu.Movecode

+

Alt

+ C

Ctrl OtherContextMenus.UITestEditorContextMenu.Splitintoanewme
+

+

Shift

+ T

DataSet Editor

Insert OtherContextMenus.ColumnContext.InsertColumn

Ctrl + OtherContextMenus.DbTableContext.Add.Column
L

Difference Viewer

Ctrl + Diff.IgnoreTrimWhitespace

\ then

Ctrl +

Space

Ctrl + Diff.InlineView

\ then

Ctrl +

1

Ctrl + Diff.LeftOnlyView

\ then

Ctrl +

3

F8 Diff.NextDifference

Shift + F8 Diff.PreviousDifference

Ctrl + Diff.RightOnlyView

\ then

Ctrl + 4

Ctrl + Diff.SideBySideView

\ then

Ctrl + 2

Ctrl + Diff.SwitchBetweenLeftAndRight

\ then

Ctrl + Tab

Ctrl + Arrow Diff.SynchronizeViewToggle

\ then

Ctrl + Down arrow

Ctrl + EditorContextMenus.CodeWindow.AddComment

Shift

+ K

Ctrl + EditorContextMenus.CodeWindow.EditLocalFile

Shift

+ P

DOM Explorer

F5 DOMExplorer.Refresh

Ctrl + B DOMExplorer.SelectElement

Ctrl + Shift + I DOMExplorer.ShowLayout

F# interactive

Ctrl + OtherContextMenus.FSIconsoleContext.CancelInteractiveE Break

Graph document editor

Insert ArchitectureContextMenus.DirectedGraphContextMenu.Adv

B ArchitectureContextMenus.DirectedGraphContextMenu.Adv

I ArchitectureContextMenus.DirectedGraphContextMenu.Adv

O ArchitectureContextMenus.DirectedGraphContextMenu.Adv

Ctrl + ArchitectureContextMenus.DirectedGraphContextMenu.New Shift

+ K

Ctrl + ArchitectureContextMenus.DirectedGraphContextMenu.NewC

E

then

C

Del ArchitectureContextMenus.DirectedGraphContextMenu.Remove

F2 ArchitectureContextMenus.DirectedGraphContextMenu.Renam

Graphics diagnostics

None Debug.Graphics.CaptureFrame

Shift + Alt + Down Arrow

arrow Graphics.MovePixelSelectionDown

Shift + Alt + Left Arrow

arrow Graphics.MovePixelSelectionLeft

Shift + Alt + Right Arrow

arrow or Shift + Alt + Right arrow Graphics.MovePixelSelectionRight

Shift + Alt + Up Arrow

arrow Graphics.MovePixelSelectionUp

Shift + Alt + 0 Graphics.ZoomToActualSize

Shift + Alt + 9 Graphics.ZoomToFitInWindow

Shift + Alt + = Graphics.ZoomIn

Shift + Alt + - Graphics.ZoomOut

HTML Editor

HTML Editor Design View

Ctrl + Up arrow or Arrow Edit.MoveControlUp

Ctrl + Up arrow

Ctrl + B Format.Bold

Ctrl + L Format.ConverttoHyperlink

Ctrl + Shift + L Format.InsertBookmark

Ctrl + I Format.Italic

Ctrl + U Format.Underline

Ctrl + M then Ctrl + C Project.AddContentPage

Ctrl + Alt + Left Arrow Table.ColumntotheLeft

Ctrl + Alt + Right Arrow Table.ColumntotheRight

Ctrl + Alt + Up Arrow Table.RowAbove

Ctrl + Alt + Down Arrow Table.RowBelow

arrow

Ctrl + Shift + N View.ASP.NETNonvisualControls

Ctrl + M then Ctrl + M View.EditMaster

Shift + F7 View.ViewMarkup

Ctrl + Page Up Window.PreviousTab

HTML Editor Source View

Ctrl + OtherContextMenus.HTMLContext.GoToController
M

then

Ctrl +

G or

Ctrl +

M

then

Ctrl +

G

Ctrl + View.NextView

Page

Down

Ctrl + View.SynchronizeViews

Shift

+ Y

Shift View.ViewDesigner

+ F7

Layer diagram

Shift + Del or Shift Edit.Delete

+ Del or Shift +

Del

Managed Resources Editor

F2 Edit.EditCell

Del Edit.Remove

Ctrl + Del Edit.RemoveRow

Esc or Esc or Esc Edit.SelectionCancel

Ctrl + 4 Resources.Audio

Ctrl + 5 Resources.Files

Ctrl + 3 Resources.Icons

Ctrl + 2 Resources.Images

Ctrl + 6 Resources.Other

Ctrl + 1 Resources.Strings

Merge Editor window

Alt TeamFoundationContextMenus.MergeContextMenu.SetFocusonL
+
1

Alt TeamFoundationContextMenus.MergeContextMenu.SetFocusonF
+
2

Alt TeamFoundationContextMenus.MergeContextMenu.SetFocusonF
+
3

Microsoft SQL Server Data Tools, Schema Compare

Shift + SQL.SSDTSchemaCompareCompare

Alt + C

or Shift

+ Alt + C

or Shift

+ Alt + C

Shift + SQL.SSDTSchemaCompareGenerateScript

Alt + G

Shift + SQL.SSDTSchemaCompareNextChange

Alt + .

Shift + SQL.SSDTSchemaComparePreviousChange

Alt + ,

Alt + SQL.SSDTSchemaCompareStop

Break or

Alt +

Break

Shift + SQL.SSDTSchemaCompareWriteUpdates

Alt + U

Microsoft SQL Server Data Tools, Table Designer

Shift + Alt + U CommitAllEdits

Ctrl + R then Ctrl + SQL.ExpandWildcards

E or Ctrl + R then

Ctrl + E

Ctrl + R then Ctrl + SQL.FullyqualifyNames

Q or Ctrl + R then

Ctrl + Q

Ctrl + R then Ctrl + SQL.MovetoSchema

M or Ctrl + R then

Ctrl + M

Shift + Alt + Page Down or Shift + Alt + Page Down ViewFileInScriptPanel

Microsoft SQL Server Data Tools, T-SQL Editor

Shift + Alt + U CommitAllEdits
Alt + F5 SQL.ExecuteWithDebugger

Ctrl + R then E or Ctrl + R then E SQL.ExpandWildcards

Ctrl + R then Q or Ctrl + R then Q SQL.FullyqualifyNames

Ctrl + R then M or Ctrl + R then M SQL.MovetoSchema

F2 SQL.Rename

Ctrl + R then R or Ctrl + R then R SQL.Rename

Ctrl + R then Ctrl + R or Ctrl + R then Ctrl + R SQL.Rename

Ctrl + Shift + E or Ctrl + Shift + E SQL.TSqlEditorExecuteQuery

Ctrl + D then G or Ctrl + D then G SQL.TSqlEditorResultsAsGrid

Ctrl + D then E or Ctrl + D then E SQL.TSqlEditorShowEstimatedPlan

Ctrl + D then R or Ctrl + D then R SQL.TSqlEditorToggleResultsPane

Ctrl + Alt + N or Ctrl + Alt + N TSqlEditorCloneQuery

Microsoft SQL Server Data Tools, T-SQL PDW Editor

Alt + Break or Alt + Break SQL.TSqlEditorCancelQuery

Ctrl + D then F or Ctrl + D then F SQL.TSqlEditorResultsAsFile

Ctrl + D then T or Ctrl + D then T SQL.TSqlEditorResultsAsText

Ctrl + D then A or Ctrl + D then A SQL.TSqlEditorToggleExecutionPlan

Shift + Alt + TSqlEditorDatabaseCombo

Page Down or Shift + Alt + Page Down

Page Inspector

F12 PageInspector.Minimize

Query Designer

Ctrl + T QueryDesigner.CancelRetrievingData

Ctrl + 2 QueryDesigner.Criteria

Ctrl + 1 QueryDesigner.Diagram

Ctrl + R QueryDesigner.ExecuteSQL

Ctrl + G QueryDesigner.GotoRow

Ctrl + Shift + J QueryDesigner.JoinMode

Ctrl + 4 QueryDesigner.Results

Ctrl + 3 QueryDesigner.SQL

Query results

Alt + End SQL.QueryResultsNewRow

Shift + Alt + R SQL.QueryResultsRefresh

Alt + Break or Alt + Break SQL.QueryResultsStop

Report Designer

Enter Edit.BreakLine

Left arrow Arrow Edit.CharLeft

Shift + Right arrow Arrow Edit.CharRightExtend

Down arrow Arrow Edit.LineDown

Shift + Down arrow Arrow Edit.LineDownExtend

Shift + Up arrow Arrow Edit.LineUpExtend

Ctrl + Right arrow Arrow Edit.MoveControlRight

Ctrl + Shift + Right arrow Arrow Edit.SizeControlRight

Ctrl + Shift + Up arrow or Ctrl + Shift + Up arrow Arrow Edit.SizeControlUp

Ctrl + Alt + D View.ReportData

Sequence diagram

F12 ArchitectureDesigner.Sequence.NavigateToCode

Shift Edit.Delete

+

Del

or

Shift

+

Del

or

Shift

+

Del

Settings Designer

F2 Edit.EditCell

Ctrl + Del Edit.RemoveRow

F7 or F7 View.ViewCode

Solution Explorer

Ctrl ClassViewContextMenus.ClassViewProject.View.ViewinPage

+ K

then

Ctrl

+ G

Team Explorer

Del Edit.Delete

F2 File.Rename

Alt + TeamFoundationContextMenus.Commands.GoToTeamExp

Home

Alt + Arrow TeamFoundationContextMenus.Commands.GoToTe

Down

arrow

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplorerPageContent

0

Alt + Arrow TeamFoundationContextMenus.Commands.GoToTeamExplorerPreviousSectionContent

Up

arrow

Alt + TeamFoundationContextMenus.Commands.GoToTeamExp

1

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplorerSectionContent

2

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
3

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
4

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
5

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
6

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
7

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
8

Alt + TeamFoundationContextMenus.Commands.GoToTeamExplo
9

Alt + Arrow TeamFoundationContextMenus.Commands.TeamExplo
Left

arrow

Alt + Arrow TeamFoundationContextMenus.Commands.TeamExplo
Right

arrow

Shift TeamFoundationContextMenus.MyWorkPageInProgress.TfsC

+ Alt

+ C

or

Shift

+ Alt

+ C

or

Shift

+ Alt

+ C

Shift TeamFoundationContextMenus.MyWorkPageInProgress.TfsC

+ Alt

+ L

F5 View.Refresh

Team Foundation Build Detail Editor

Test Explorer

F12 TestExplorer.OpenTest

Text Editor

Shift + Edit.BreakLine

Enter		Ctrl + Home	Edit.DocumentStart
Shift + Alt + Left arrow	Edit.CharLeftExtendColumn	Ctrl + Shift + Home	Edit.DocumentStartExtend
Shift + Alt + Right arrow or Shift + Alt + Right arrow	Edit.CharRightExtendColumn	Ctrl + M then Ctrl + X	Edit.ExpandAllOutlining
		Ctrl + M then Ctrl + E	Edit.ExpandCurrentRegion
Ctrl + T	Edit.CharTranspose	Ctrl + K then Ctrl + D	Edit.FormatDocument
Ctrl + K then Ctrl + L	Edit.ClearBookmarks	Ctrl + K then Ctrl + F	Edit.FormatSelection
Ctrl + M then Ctrl + A	Edit.CollapseAllOutlining	Ctrl +]	Edit.GotoBrace
Ctrl + M then Ctrl + S	Edit.CollapseCurrentRegion	Ctrl + Shift +]	Edit.GotoBraceExtend
Ctrl + M then Ctrl + T	Edit.CollapseTag	Ctrl + M, Ctrl + H	Edit.HideSelection
Ctrl + M then Ctrl + O	Edit.CollapsetoDefinitions	Ctrl + I	Edit.IncrementalSearch
Ctrl + K then Ctrl + C	Edit.CommentSelection	Ctrl + L	Edit.LineCut
Ctrl + Space	Edit.CompleteWord	Ctrl + Shift + L	Edit.LineDelete
Alt + Right arrow	Edit.CompleteWord	Shift + Arrow Down arrow	Edit.LineDownExtend
Ctrl + Shift + Alt + C	Edit.CopyParameterTip	Shift + Alt + Arrow Down arrow	Edit.LineDownExtendColumn
Alt + , or Alt + ,	Edit.DecreaseFilterLevel	End	Edit.LineEnd
Backspace	Edit.DeleteBackwards	Shift + End	Edit.LineEndExtend
Shift + Backspace	Edit.DeleteBackwards	Shift + Alt + End	Edit.LineEndExtendColumn
Ctrl + K then Ctrl + \	Edit.DeleteHorizontalWhiteSpace	Ctrl + Enter	Edit.LineOpenAbove
Ctrl + End	Edit.DocumentEnd	Ctrl + Shift + Enter	Edit.LineOpenBelow
Ctrl + Shift + End	Edit.DocumentEndExtend	Home	Edit.LineStart
		Shift + Home	Edit.LineStartExtend
		Shift + Alt + Home	Edit.LineStartExtendColumn

Shift + Alt + T	Edit.LineTranspose	Ctrl + Shift + Up arrow	
Up arrow	Edit.LineUp	Ctrl + Shift + I	Edit.ReverseIncrementalSearch
Shift + Up arrow	Edit.LineUpExtend	Ctrl + Up arrow or Ctrl + Up arrow	Edit.ScrollLineUp
Shift + Alt + Up arrow	Edit.LineUpExtendColumn	Ctrl + W	Edit.SelectCurrentWord
Ctrl + J	Edit.ListMembers	Esc or Esc or Esc	Edit.SelectionCancel
Ctrl + U	Edit.MakeLowercase	Ctrl + =	Edit.SelectToLastGoBack
Ctrl + Shift + U	Edit.MakeUppercase	Alt + `	Edit.ShowCodeLensMenu
Alt + Down arrow	Edit.MoveSelectedLinesDown	Ctrl + M then Ctrl + U	Edit.StopHidingCurrent
Alt + Up arrow	Edit.MoveSelectedLinesUp	Ctrl + M then Ctrl + P	Edit.StopOutlining
Ctrl + Shift + Down arrow	Edit.NextHighlightedReference	Ctrl + K then Ctrl + A	Edit.SwapAnchor
Insert	Edit.Overtypemode	Shift + Tab or Shift + Tab or Shift + Tab	Edit.TabLeft
Page Down	Edit.PageDown	Ctrl + M then Ctrl + L	Edit.ToggleAllOutlining
Shift + Page Down	Edit.PageDownExtend	Ctrl + K then Ctrl + K	Edit.ToggleBookmark
Page Up	Edit.PageUp	Ctrl + Alt + Space	Edit.ToggleCompletionMode
Shift + Page Up	Edit.PageUpExtend	Ctrl + M then Ctrl + M	Edit.ToggleOutliningExpansion
Ctrl + Shift + Space or Ctrl + Shift + Space	Edit.ParameterInfo	Ctrl + K then Ctrl + H	Edit.ToggleTaskListShortcut
Ctrl + Shift + Alt + P	Edit.PasteParameterTip	Ctrl + E then Ctrl + W	Edit.ToggleWordWrap
Ctrl + Alt + -	Edit.PeekBackward	Ctrl + K then Ctrl + H	Edit.UncommentSelection
Alt + F12	Edit.PeekDefinition		
Ctrl + Alt + =	Edit.PeekForward		
Ctrl + Shift + Up arrow or Ctrl + Shift + Up arrow or	Edit.PreviousHighlightedReference		

U

Ctrl + Page Down Edit.ViewBottom

Ctrl + Shift + Page Down Edit.ViewBottomExtend

Ctrl + Page Up Edit.ViewTop

Ctrl + Shift + Page Up Edit.ViewTopExtend

Ctrl + R then Ctrl + W Edit.ViewWhiteSpace

Ctrl + Del Edit.WordDeleteToEnd

Ctrl + Backspace Edit.WordDeleteToStart

Ctrl + Right arrow Edit.WordNext

Ctrl + Shift + Right arrow Edit.WordNextExtend

Ctrl + Shift + Right arrow Edit.WordNextExtendColumn

Ctrl + Left arrow or Ctrl + Left arrow Edit.WordPrevious

Ctrl + Shift + Left arrow or Ctrl + Shift + Left arrow Edit.WordPreviousExtend

Ctrl + Shift + Alt + Left arrow Edit.WordPreviousExtendColumn

Ctrl + Shift + T Edit.WordTranspose

Alt + Enter EditorContextMenus.CodeWindow.ExecuteInInteractiv

Alt + ' EditorContextMenus.CodeWindow.ExecuteLineInInterz

Ctrl + K, Ctrl + G OtherContextMenus.HTMLContext.ViewinPageInspect

Alt + Page Down TeamFoundationContextMenus.Annotate.TfsAnnotateMo

Alt + Page Up TeamFoundationContextMenus.Annotate.TfsAnnotateMo

UML activity diagram

Shift + Del or Shift + Del Edit.Delete

UML class diagram

Shift + Del or Shift + Del Edit.DeleteFromModel

UML component diagram

UML use case diagram

VC Accelerator Editor

Insert Edit.NewAccelerator

Ctrl + W Edit.NextKeyTyped

VC Dialog Editor

Down arrow Arrow Edit.MoveControlDown

Left arrow Arrow Edit.MoveControlLeft

Right arrow Arrow Edit.MoveControlRight

Up arrow Arrow Edit.MoveControlUp

Ctrl + Left arrow or Ctrl + Left arrow Arrow Edit.ScrollColumnLeft

Ctrl + Right arrow Arrow Edit.ScrollColumnRight

Ctrl + Down arrow or Ctrl + Down arrow Arrow Edit.ScrollLineDown

Shift + Down arrow Arrow Edit.SizeControlDown

Shift + Left arrow Arrow Edit.SizeControlLeft

Shift + Right arrow Arrow Edit.SizeControlRight

Shift + Up arrow Arrow Edit.SizeControlUp

Ctrl + Shift + Down arrow Arrow Format.AlignBottoms

Shift + F9	Format.AlignCenters
Ctrl + Shift + Left arrow or Ctrl + Shift + Left arrow	Format.AlignLefts
F9	Format.AlignMiddles
Ctrl + Shift + Right arrow	Format.AlignRights
Ctrl + Shift + Up arrow or Ctrl + Shift + Up arrow or Ctrl + Shift + Up arrow	Format.AlignTops
Ctrl + B	Format.ButtonBottom
Ctrl + R	Format.ButtonRight
Ctrl + Shift + F9	Format.CenterHorizontal
Ctrl + F9	Format.CenterVertical
Ctrl + M	Format.CheckMnemonics
Shift + F7	Format.SizetoContent
Alt + Right arrow	Format.SpaceAcross
Alt + Left arrow	Format.SpaceAcross
Alt + Up arrow	Format.SpaceDown
Alt + Down arrow	Format.SpaceDown
Ctrl + D	Format.TabOrder
Ctrl + T	Format.TestDialog
Ctrl + G	Format.ToggleGuides

VC Image Editor

Ctrl + A	Image.AirbrushTool
Ctrl + B	Image.BrushTool
Ctrl + Shift + U	Image.CopyandOutlineSelection
Ctrl + J	Image.DrawOpaque
Alt + P	Image.EllipseTool
Ctrl + Shift + I	Image.EraseTool
Ctrl + Shift + Alt + P	Image.FilledEllipseTool
Ctrl + Shift + Alt + R	Image.FilledRectangleTool
Ctrl + Shift + Alt + W	Image.FilledRoundedRectangleTool
Ctrl + F	Image.FillTool
Ctrl + H	Image.FlipHorizontal
Shift + Alt + H	Image.FlipVertical

Ctrl + =	Image.LargerBrush
Ctrl + L	Image.LineTool
Ctrl + M	Image.MagnificationTool
Ctrl + Shift + M	Image.Magnify
Insert	Image.NewImageType
Ctrl +]	Image.NextColor
Ctrl + Right arrow	Image.NextColor
Ctrl + Shift +]	Image.NextRightColor
Ctrl + Shift + Right arrow	Image.NextRightColor
Shift + Alt + P	Image.OutlinedEllipseTool
Shift + Alt + R	Image.OutlinedRectangleTool
Shift + Alt + W	Image.OutlinedRoundedRectangleTool
Ctrl + I	Image.PencilTool
Ctrl + [Image.PreviousColor
Ctrl + Left arrow or Ctrl + Left arrow	Image.PreviousColor
Ctrl + Shift + [Image.PreviousRightColor
Ctrl + Shift + Left arrow or Ctrl + Shift + Left arrow	Image.PreviousRightColor
Shift + Alt + S	Image.RectangleSelectionTool
Alt + R	Image.RectangleTool
Ctrl + Shift + H	Image.Rotate90Degrees
Alt + W	Image.RoundedRectangleTool
Ctrl + Alt + S	Image.ShowGrid
Ctrl + Shift + Alt + S	Image.ShowTileGrid
Ctrl + .	Image.SmallBrush
Ctrl + +	Image.SmallerBrush
Ctrl + T	Image.TextTool
Ctrl + U	Image.UseSelectionasBrush
Ctrl + Shift + .	Image.ZoomIn
Ctrl + Up arrow or Ctrl + Up arrow	Image.ZoomIn
Ctrl + Shift + ,	Image.ZoomOut
Ctrl + Down arrow or Ctrl +	Image.ZoomOut

Down arrow or
Ctrl + Down
arrow

VC String Editor

Insert Edit.NewString

View Designer

Ctrl + T QueryDesigner.CancelRetrievingData

Ctrl + 2 QueryDesigner.Criteria

Ctrl + 1 QueryDesigner.Diagram

Ctrl + R QueryDesigner.ExecuteSQL

Ctrl + G QueryDesigner.GotoRow

Ctrl + 4 QueryDesigner.Results

Ctrl + 3 QueryDesigner.SQL

Visual Studio

Ctrl OtherContextMenus.ORDesignerContext.HideMethodsPane
+ 1

Windows Forms Designer

Enter Edit.BreakLine

Shift + Left arrow Arrow Edit.CharLeftExtend

Right arrow Arrow Edit.CharRight

End Edit.DocumentEnd

Shift + End Edit.DocumentEndExtend

Home Edit.DocumentStart

Shift + Home Edit.DocumentStartExtend

Tab or Tab or Tab Edit.InsertTab

Down arrow Arrow Edit.LineDown

Shift + Up arrow Arrow Edit.LineDownExtend

Up arrow Arrow Edit.LineUp

Shift + Down
arrow Arrow Edit.LineUpExtend
arrow

Ctrl + Down arrow Arrow Edit.MoveControlDown
or Ctrl + Down
arrow or Ctrl +
Down arrow

Ctrl + Left arrow or Arrow Edit.MoveControlLeft
Ctrl + Left arrow

Ctrl + Right arrow Arrow Edit.MoveControlRight

Ctrl + Up arrow or Arrow Edit.MoveControlUp
Ctrl + Up arrow

Ctrl + Shift + Arrow Edit.SizeControlDown
Down arrow

Ctrl + Shift + Left Arrow Edit.SizeControlLeft
arrow or Ctrl +
Shift + Left arrow

Ctrl + Shift + Right Arrow Edit.SizeControlRight
arrow

Work Item Editor

F5 Edit.RefreshWorkItem

Shift + Alt + L Team.NewLinkedWorkItem

Work Item Query View

Shift + Alt + Left Arrow Edit.Outdent
arrow

F5 Team.Refresh

Work Item Results View

Shift + Alt + C or Edit.CreateCopyofWorkItem
Shift + Alt + C or
Shift + Alt + C

Shift + Alt + Right Arrow Edit.Indent
arrow or Shift + Alt
+ Right arrow

Shift + Alt + N Team.GotoNextWorkItem

Shift + Alt + P Team.GotoPreviousWorkItem

F5 Team.Refresh

Shift + Alt + V or Window.Toggle
Shift + Alt + V

Workflow Designer

Ctrl + Edit.CompleteWord
K
then
W

Ctrl + Edit.CompleteWord
K, Ctrl
+ W

Ctrl + Edit.CompleteWord
Space

Alt + Arrow Edit.CompleteWord

Right
arrow

Alt + . Edit.IncreaseFilterLevel
or Alt
+ .

Ctrl + L Edit.ListMembers
K,

Ctrl + Edit.ListMembers
K, Ctrl
+ L

Ctrl + Edit.ListMembers
J

Ctrl + Edit.ParameterInfo
K
then
P

Ctrl + Edit.ParameterInfo
K
then
Ctrl +
P

Ctrl + Edit.QuickInfo
K
then I

Ctrl + Edit.QuickInfo
K
then
Ctrl +
I or
Ctrl +
K
then
Ctrl +
I

Ctrl + WorkflowDesigner.Collapse
E
then
Ctrl +
C

Ctrl + WorkflowDesigner.Collapse
E
then
C

Ctrl + WorkflowDesigner.ConnectNodes
E
then
Ctrl +
F or

Ctrl +
E
then F

Ctrl + WorkflowDesigner.CreateVariable
E
then
Ctrl +
N or
Ctrl +
E
then
N

Ctrl + WorkflowDesigner.ExpandAll
E
then
Ctrl +
X or
Ctrl +
E
then
X

Ctrl + WorkflowDesigner.ExpandInPlace
E
then
Ctrl +
E or
Ctrl +
E
then
E

Ctrl + WorkflowDesigner.GoToParent
E
then
Ctrl +
P or
Ctrl +
E
then
P

Ctrl + WorkflowDesigner.MoveFocus
E
then
Ctrl +
M or
Ctrl +
E
then
M

Ctrl + WorkflowDesigner.NavigateThroughDesigner

Alt +
F6

Ctrl + WorkflowDesigner.Restore
E
then
Ctrl +
R

Ctrl + WorkflowDesigner.Restore
E
then
R

Ctrl + WorkflowDesigner.ShowHideArgumentDesigner
E
then
Ctrl +
A or
Ctrl +
E
then
A

Ctrl + WorkflowDesigner.ShowHideImportsDesigner
E, Ctrl
+ I or
Ctrl +
E
then I

Ctrl + WorkflowDesigner.ShowHideOverviewMap
E
then
Ctrl +
O

Ctrl + WorkflowDesigner.ShowHideOverviewMap
E
then
O

Ctrl + WorkflowDesigner.ShowHideVariableDesigner
E
then
Ctrl +
V

Ctrl + WorkflowDesigner.ShowHideVariableDesigner
E
then
V

Ctrl + WorkflowDesigner.ToggleSelection
E
then
Ctrl +

S or
Ctrl +
E
then
S

Ctrl + WorkflowDesigner.ZoomIn
Num
+

Ctrl + WorkflowDesigner.ZoomOut
Num -

XAML UI Designer

Ctrl + 0 Design.FitAll

F9 Design.ShowHandles

Ctrl + Alt + = Design.ZoomIn

Ctrl + Alt + - Design.ZoomOut

Ctrl + Shift + ; Designer options

F2 Format.EditText

Ctrl + Shift + R Format.ResetLayout.All

Ctrl + F9 Run project code

Ctrl + H Timeline.Hide (Blend only)

Ctrl + L Timeline.Lock (Blend only)

Ctrl + Shift + H Timeline.Show (Blend only)

Ctrl + Shift + L Timeline.Unlock (Blend only)

Ctrl + Shift + , View.EdgeLeftMoveLeft

Ctrl + Shift + . View.EdgeLeftMoveRight

Ctrl + Shift + Alt + View.EdgeRightMoveLeft

,
Ctrl + Shift + Alt + View.EdgeRightMoveRight
.

Ctrl + Space View.ShowPropertyMarkerMenu

XML (Text) Editor

Alt + F5 XML.StartXSLTDebugging

Ctrl + Alt + F5 XML.StartXSLTWithoutDebugging

XML Schema Designer

Alt + Arrow GraphView.BottomtoTop
Up
arrow

Alt + Arrow GraphView.LefttoRight
Right

arrow

Alt + Arrow GraphView.RightToLeft
Left
arrow

Alt + Arrow GraphView.ToptoBottom
Down
arrow

Del OtherContextMenus.GraphView.RemovefromWorkspace

Ctrl + XsdDesigner.ShowContentModelView
2

Ctrl + XsdDesigner.ShowGraphView
3

Ctrl + XsdDesigner.ShowStartView
1

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