



# Microsoft Visual Studio 2017 (All shortcuts) cheat 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
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## Build

Ctrl + Shift + B	Build.BuildSolution
Ctrl + Break	Build.Cancel
Ctrl + F7	Build.Compile
Alt + F11	Build.RunCodeAnalysisOnSolution

## Class View context menus

Alt + Enter	ClassViewContextMenu.ClassViewMultiselectProjectrefe
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## Debug

Alt + F10	Debug.ApplyCodeChanges
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Ctrl + Alt + V	Debug.Autos
then A	

Ctrl + Alt + Break	Debug.BreakAll

Ctrl + B	Debug.BreakatFunction

Ctrl + Alt + B	Debug.Breakpoints

Ctrl + Alt + C	Debug.CallStack

Ctrl + Alt + DeleteAllBreakpoints	Debug.DeleteAllBreakpoints
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Shift + F9	
Alt + F2	Debug.DiagnosticsHub.Launch
Ctrl + Alt + D	Debug.Disassembly
Ctrl + Alt + V	Debug.DOMExplorer
then D	
Ctrl + F9	Debug.EnableBreakpoint
Ctrl + Alt + E	Debug.Exceptions
Ctrl + Shift + F11	Debug.GoToPreviousCallorIntelliTraceEvent
Alt + F5	Debug.Graphics.StartDiagnostics
Ctrl + Alt + I	Debug.Immediate
Ctrl + Alt + Y	Debug.IntelliTraceCalls
then F	
Ctrl + Alt + V	Debug.IntelliTraceEvents
then C	
Ctrl + Alt + L	Debug.Locals
Ctrl + Alt + S	Debug.JavaScriptConsole
then C	
Ctrl + Alt + P	Debug.LocationToolbar.ProcessCombo
5	
Ctrl + Alt + F	Debug.LocationToolbar.StackFrameCombo

7		+ D	
Ctrl +	Debug.LocationToolbar.ThreadCombo	then	
6		3	
Ctrl +	Debug.LocationToolbar.ToggleCurrentThreadFlaggedSta	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 +		or	
M		Ctrl +	
then		Alt +	
2		Q	
Ctrl +	Debug.Memory3	Ctrl +	Debug.RefreshWindowsapp
Alt +		Shift	
M		+ R	
then		Ctrl +	Debug.Registers
3		Alt +	
Ctrl +	Debug.Memory4	G	
Alt +		Ctrl +	Debug.Restart
M		Shift	
then		+ F5	
4		Ctrl +	Debug.RunWithCursor
Ctrl +	Debug.Modules	F10	
Alt +		Ctrl +	Debug.SetNextStatement
U		Shift	
Ctrl +	Debug.ParallelStacks	+ F10	
Shift		Ctrl +	Debug.ShowCallStackonCodeMap
+ D		Shift	
then		+ `	
S		Alt +	* Debug.ShowNextStatement
Ctrl +	Debug.ParallelWatch1	[Num	
Shift		1 - 9]	
+ D		F5	Debug.Start
then		Alt +	Debug.StartWindowsPhoneApplicationAnalysis
1		F1	
Ctrl +	Debug.ParallelWatch2	Ctrl +	Debug.StartWithoutDebugging
Shift		F5	
+ D		F11	Debug.StepInto
then		Ctrl +	Debug.StepIntoCurrentProcess
2		Alt +	
Ctrl +	Debug.ParallelWatch3	F11	
Shift			

Shift + Alt + F11	Debug.StepIntoSpecific	then 4	
Shift + F11	Debug.StepOut		<b>Debugger context menus</b>
Ctrl + Shift + Alt + F11	Debug.StepOutCurrentProcess	Alt + F9 then D	DebuggerContextMenu.BreakpointsWindow.Delete
F10	Debug.StepOver	Alt + F9 then A	DebuggerContextMenu.BreakpointsWindow.GoToDisassembly
Ctrl + Alt + F10	Debug.StepOverCurrentProcess	Alt + F9 then S	DebuggerContextMenu.BreakpointsWindow.GoToSourceCode
Shift + Alt + F5	Debug.StopDebugging		
Shift + Alt + F2	Debug.StopPerformanceAnalysis		
Ctrl + Shift + D	Debug.Tasks		<b>Diagnostics Hub</b>
Shift + K			Ctrl + Alt + F2 DiagnosticsHub.StopCollection
Ctrl + H	Debug.Threads		<b>Edit</b>
F9	Debug.ToggleBreakpoint	Ctrl + C or Ctrl + Insert	Edit.Copy
Ctrl + F11	Debug.ToggleDisassembly	Ctrl + X or Shift + Del	Edit.Cut
Ctrl + W	Debug.Watch1	Ctrl + Shift + V or Ctrl + Shift + Insert	Edit.CycleClipboardRing
Alt + W		Del	Edit.Delete
1		Ctrl + F	Edit.Find
Ctrl + W	Debug.Watch2	Shift + F12	Edit.FindAllReferences
Alt + W		Ctrl + Shift + F	Edit.FindinFiles
2		F3	Edit.FindNext
Ctrl + W	Debug.Watch3	Ctrl + F3	Edit.FindNextSelected
Alt + W		Shift + F3	Edit.FindPrevious
3		Ctrl + Shift + F3	Edit.FindPreviousSelected
Ctrl + W	Debug.Watch4	Ctrl + K then Ctrl + M	Edit.GenerateMethod
Alt + W		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	Arrow Edit.MoveControlDown
Down arrow	Arrow Edit.MoveControlDownGrid
Ctrl + Left arrow	Arrow Edit.MoveControlLeft
Left arrow	Arrow Edit.MoveControlLeftGrid
Ctrl + Right arrow	Arrow Edit.MoveControlRight
Right arrow	Arrow Edit.MoveControlRightGrid
Ctrl + Up arrow	Arrow Edit.MoveControlUp
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 or 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 or Ctrl + Shift + Z or Shift + Alt + Backspace	Edit.Redo
Ctrl + Shift + J	Edit.RefreshRemoteReferences
Ctrl + H	Edit.Replace
Ctrl + Shift + H	Edit.ReplaceInFiles
Ctrl + A	Edit.SelectAll
Tab	Edit.SelectNextControl
Shift + Tab	Edit.SelectPreviousControl
Enter	Edit.ShowTileGrid
Ctrl + Shift + Down arrow	Arrow Edit.SizeControlDown
Shift + Down	Arrow

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

## Editor context menus

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

then	Alt + ; then Alt + R	Project.ReplaceSelectedFilesFromServer
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## 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	LoadTest.JumpToCounterPane
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## Other context menus

Insert	OtherContextMenu.MicrosoftDataEntityDesignContext.A
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## Project

Shift + Alt + A	Project.AddExistingItem
Ctrl + Shift + A	Project.AddNewItem
Ctrl + Shift + X	Project.ClassWizard
Ctrl + Alt + Insert	Project.Override
Alt + ; then Alt + C	Project.PreviewChanges
Alt + ; then Alt + P	Project.PublishSelectedFiles

## Project and solution context menus

Alt + Down arrow	Arrow ProjectAndSolutionContextMenus.Item.MoveDown
Alt + Up arrow	Arrow ProjectAndSolutionContextMenus.Item.MoveUp

## Refactor

Ctrl + R then Ctrl + E	Refactor.EncapsulateField
Ctrl + R then Ctrl + I	Refactor.ExtractInterface
Ctrl + R then Ctrl + M	Refactor.ExtractMethod
Ctrl + R then Ctrl + V	Refactor.RemoveParameters
Ctrl + R then Ctrl + R	Refactor.Rename
Ctrl + R then Ctrl + O	Refactor.ReorderParameters

## Solution Explorer

Ctrl + [ then O or Ctrl + [ then Ctrl + O	SolutionExplorer.OpenFilesFilter
Ctrl + [ then P or Ctrl + [ then Ctrl + P	SolutionExplorer.PendingChangesFilter
Ctrl + [ then S or Ctrl + [ then Ctrl + S	SolutionExplorer.SyncWithActiveDocument

## Team

Ctrl + 0 then Ctrl +	Team.Git.GoToGitBranches
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N or Ctrl + 0 then N	
Ctrl + 0 then Ctrl + G or Ctrl + 0 then G	Team.Git.GoToGitChanges
Ctrl + 0 then Ctrl + O or Ctrl + 0 then O	Team.Git.GoToGitCommits
Ctrl + ' '	Team.TeamExplorerSearch

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

## Team Foundation context menus

Ctrl + 0 then Ctrl + B or Ctrl + 0 then B or Ctrl + 0 then Ctrl + C or Ctrl + 0 then C	TeamFoundationContextMenus.Commands.GoToBuilds
Ctrl + 0 then Ctrl + D or Ctrl + 0 then D	TeamFoundationContextMenus.Commands.GoToDocuments
Ctrl + 0 then Ctrl + H or Ctrl	TeamFoundationContextMenus.Commands.GoToHome

Ctrl + 0 then Ctrl + P or Ctrl + 0 then P	TeamFoundationContextMenus.Commands.GoToPendingChanges
Ctrl + 0 then Ctrl + R or Ctrl + 0 then R	TeamFoundationContextMenus.Commands.GoToReports
Ctrl + 0 then Ctrl + S or Ctrl + 0 then S	TeamFoundationContextMenus.Commands.GoToSettings

Ctrl + 0 then Ctrl + A or	TeamFoundationContextMenus.Commands.GoToWebAccess
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Ctrl		+ M	
+ 0		Ctrl + \	View.ArchitectureExplorer
then		then Ctrl +	
A		R	
Ctrl	TeamFoundationContextMenuCommands.GoToWorkItem	Alt + Left	Arrow View.Backward
+ 0		arrow	
then		Ctrl + K	View.BookmarkWindow
Ctrl		then Ctrl +	
+ W		W	
or		Ctrl + Shift	View.BrowseNext
Ctrl		+ 1	
+ 0		Ctrl + Shift	View.BrowsePrevious
then		+ 2	
W		Ctrl + Alt +	View.CallHierarchy
		K	
Ctrl + \ then Ctrl +	Test.UseCodedUITestBuilder	Ctrl + Shift	View.ClassView
C		+ C	
Ctrl + \ then Ctrl +	Test.UseExistingActionRecording	Ctrl + K	View.ClassViewGoToSearchCombo
A		then Ctrl +	
		V	
Ctrl + \		Ctrl + \	View.CodeDefinitionWindow
then D or		then D or	
Ctrl + \		Ctrl + \	
then Ctrl +		then Ctrl +	
D		D	
Ctrl + R then	TestExplorer.DebugAllTests	Ctrl + Alt +	View.CommandWindow
Ctrl + A		A	
Ctrl + R then	TestExplorer.DebugAllTestsInContext	Shift + Alt	View.DataSources
Ctrl + T		+ D	
Ctrl + R then	TestExplorer.RepeatLastRun	Ctrl + Alt +	View.DocumentOutline
L		T	
Ctrl + R then	TestExplorer.RunAllTests	F2	View.EditLabel
A			
Ctrl + R then	TestExplorer.RunAllTestsInContext	Ctrl + \	View.ErrorList
T		then E or	
		Ctrl + \	
		then Ctrl +	
		E	
Ctrl + Alt + P	Tools.AttachtoProcess	Ctrl + Alt +	View.F#Interactive
Ctrl + K then Ctrl +	Tools.CodeSnippetsManager	F	
B			
Ctrl + Shift + Alt +	Tools.ForceGC	Ctrl + Alt +	View.FindSymbolResults
F12 then Ctrl +		F12	
Shift + Alt + F12			
Ctrl + /	Tools.GoToCommandLine	Alt + Right	Arrow View.Forward
		arrow	
Shift + Alt	View.AllWindows	Ctrl + Shift	View.ForwardBrowseContext
		+ 7	

Shift + Alt + Enter	View.FullScreen	Ctrl + \ then Ctrl + U	View.UMLModelExplorer
Ctrl + -	View.NavigateBackward	F7	View.ViewCode
Ctrl + Shift + -	View.NavigateForward	Shift + F7	View.ViewDesigner
Ctrl + Shift + F12	View.NextError	Ctrl + Alt + R	View.WebBrowser
Ctrl + W then N or Ctrl + W then Ctrl + N	View.Notifications	Ctrl + Shift + .	View.ZoomIn
Ctrl + Alt + J	View.ObjectBrowser	Ctrl + Shift + ,	View.ZoomOut
Ctrl + K then Ctrl + R	View.ObjectBrowserGoToSearchCombo		
Ctrl + Alt + O	View.Output		
Ctrl + Shift + 8	View.PopBrowseContext		
F4	View.PropertiesWindow		
Shift + F4	View.PropertyPages		
Ctrl + Shift + E	View.ResourceView		
Ctrl + Alt + S	View.ServerExplorer		
Shift + Alt + F10 or 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 + Alt +	Window.PreviousTab
Page Up or	
Ctrl + Page	
Up	
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	Arrow Window.ShowEzMDIFileList
Ctrl + ;	Window.SolutionExplorerSearch
Alt + `	Window.WindowSearch

## Azure

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

## ADO.NET Entity Data Model Designer

Alt + Down arrow	Arrow OtherContextMenu.MicrosoftEntityDesignContext.L
Alt + Page Down	OtherContextMenu.MicrosoftEntityDesignContext.M
Alt + End	OtherContextMenu.MicrosoftEntityDesignContext.M

Alt + Home	OtherContextMenu.MicrosoftEntityDesignContext.M
Alt + Up arrow	Arrow OtherContextMenu.MicrosoftEntityDesignContext.M
Alt + Page Up	OtherContextMenu.MicrosoftEntityDesignContext.M
Ctrl + R	R OtherContextMenu.MicrosoftEntityDesignContext.R
Shift + Del	OtherContextMenu.MicrosoftEntityDesignContext.Rem
Ctrl + 1	View.EntityModelBrowser
Ctrl + 2	View.EntityModelMappingDetails

## 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 + C	OtherContextMenu.UITestEditorContextMenu.CopyReferenc
Ctrl + +	OtherContextMenu.UITestEditorContextMenu.InsertDelayBe
Alt + D	
Shift + Alt + L	OtherContextMenu.UITestEditorContextMenu.LocateAll
Ctrl + +	OtherContextMenu.UITestEditorContextMenu.LocatetheUIC
Shift + L	
Ctrl + +	OtherContextMenu.UITestEditorContextMenu.Movecode
Alt	

+ C		+ K	
Ctrl + Shift + T	OtherContextMenu.UITestEditorContextMenu.SplitIntoanotherTab	Ctrl + Shift + P	EditorContextMenu.CodeWindow.EditLocalFile

## DataSet Editor

Insert	OtherContextMenu.ColumnContext.InsertColumn
Ctrl + L	OtherContextMenu.DbTableContext.Add.Column

## Difference Viewer

Ctrl + \ then Space	Diff.IgnoreTrimWhitespace
Ctrl + \ then 1	Diff.InlineView
Ctrl + 3	Diff.LeftOnlyView
F8	Diff.NextDifference
Shift + F8	Diff.PreviousDifference
Ctrl + \ then 4	Diff.RightOnlyView
Ctrl + \ then 2	Diff.SideBySideView
Ctrl + \ then Tab	Diff.SwitchBetweenLeftAndRight
Ctrl + \ then Down arrow	Diff.SynchronizeViewToggle
Ctrl + Shift	EditorContextMenu.CodeWindow.AddComment

## DOM Explorer

F5	DOMExplorer.Refresh
Ctrl + B	DOMExplorer.SelectElement
Ctrl + Shift + I	DOMExplorer.ShowLayout

## F# interactive

Ctrl + Break	OtherContextMenu.FSIConsoleContext.CancelInteractiveEvaluation
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## Graph document editor

Insert	ArchitectureContextMenu.DirectedGraphContextMenu.AdvanceSelection
B	ArchitectureContextMenu.DirectedGraphContextMenu.AdvanceSelection
I	ArchitectureContextMenu.DirectedGraphContextMenu.AdvanceSelection
O	ArchitectureContextMenu.DirectedGraphContextMenu.AdvanceSelection
Ctrl + Shift + K or Ctrl + E then C	ArchitectureContextMenu.DirectedGraphContextMenu.NewEdge
Del	ArchitectureContextMenu.DirectedGraphContextMenu.RemoveEdge
F2	ArchitectureContextMenu.DirectedGraphContextMenu.RemoveNode

## 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 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

Ctrl + M then Ctrl + G      OtherContextMenu.HTMLOContext.GoToController

Ctrl + Page Down      View.NextView

Page Down

Ctrl + Shift + Y      View.SynchronizeViews

Shift + F7      View.ViewDesigner

Ctrl + Page Up      Window.PreviousTab

## HTML Editor Design View

Ctrl + Down arrow      Arrow Edit.MoveControlDown

Ctrl + Up arrow      Arrow Edit.MoveControlUp

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      Arrow Table.ColumntotheLeft

Ctrl + Alt + Right arrow      Arrow Table.ColumntotheRight

Ctrl + Alt + Up arrow      Arrow Table.RowAbove

Ctrl + Alt + Down arrow      Arrow Table.RowBelow

Ctrl + Shift + N      View.ASP.NETNonvisualControls

Ctrl + M then Ctrl + M      View.EditMaster

Ctrl + Page Down      View.NextView

Shift + Alt + F10      View.ShowSmartTag

Shift + F7      View.ViewMarkup

Ctrl + Page Up      Window.PreviousTab

## Layer diagram

Shift + Del      Edit.Delete

## Managed Resources Editor

F2      Edit.EditCell

Del      Edit.Remove

Ctrl + Del      Edit.RemoveRow

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 + 1      TeamFoundationContextMenu.MergeContextMenu.SetFocus

Alt + 2      TeamFoundationContextMenu.MergeContextMenu.SetFocus

Alt + 3      TeamFoundationContextMenu.MergeContextMenu.SetFocus

## HTML Editor Source View

Ctrl + M then Ctrl + G      OtherContextMenu.HTMLOContext.GoToController

## Microsoft SQL Server Data Tools, Schema Compare

Shift + Alt +      SQL.SSDTSchemaCompareCompare

C	
Shift +	SQL.SSDTSchemaCompareGenerateScript
Alt +	
G	
Shift +	SQL.SSDTSchemaCompareNextChange
Alt + .	
Shift +	SQL.SSDTSchemaComparePreviousChange
Alt + ,	
Alt + Break	SQL.SSDTSchemaCompareStop
Shift +	SQL.SSDTSchemaCompareWriteUpdates
Alt +	
U	

## Microsoft SQL Server Data Tools, Table Designer

Shift + Alt + U	CommitAllEdits
Ctrl + R then E or	SQL.ExpandWildcards
Ctrl + R then Ctrl +	
E	
Ctrl + R then Q or	SQL.FullyqualifyNames
Ctrl + R then Ctrl +	
Q	
Ctrl + R then M or	SQL.MovetoSchema
Ctrl + R then Ctrl +	
M	
F2 or Ctrl + R then	SQL.Rename
R or Ctrl + R then	
Ctrl + R	
Shift + Alt + Page	ViewFileInScriptPanel
Down	

## Microsoft SQL Server Data Tools, T-SQL Editor

Shift + Alt + U	CommitAllEdits
Alt + F5	SQL.ExecuteWithDebugger
Ctrl + R then E	SQL.ExpandWildcards
or Ctrl + R	
then Ctrl + E	
Ctrl + R then	SQL.FullyqualifyNames
Q or Ctrl + R	
then Ctrl + Q	
Ctrl + R then	SQL.MovetoSchema
M or Ctrl + R	

then Ctrl + M	
F2 or Ctrl + R	SQL.Rename
then R or Ctrl	
+ R then Ctrl +	
R	
Alt + Break	SQL.TSqlEditorCancelQuery
Ctrl + Shift + E	SQL.TSqlEditorExecuteQuery
Ctrl + D then F	SQL.TSqlEditorResultsAsFile
Ctrl + D then	SQL.TSqlEditorResultsAsGrid
G	
Ctrl + D then T	SQL.TSqlEditorResultsAsText
Ctrl + D then E	SQL.TSqlEditorShowEstimatedPlan
Ctrl + D then A	SQL.TSqlEditorToggleExecutionPlan
Ctrl + D then	SQL.TSqlEditorToggleResultsPane
R	
Ctrl + Alt + N	TSqlEditorCloneQuery
Shift + Alt +	TSqlEditorDatabaseCombo
Page Down	

## Microsoft SQL Server Data Tools, T-SQL PDW Editor

Alt + Break	SQL.TSqlEditorCancelQuery
Ctrl + Shift + E	SQL.TSqlEditorExecuteQuery
Ctrl + D then F	SQL.TSqlEditorResultsAsFile
Ctrl + D then	SQL.TSqlEditorResultsAsGrid
G	
Ctrl + D then T	SQL.TSqlEditorResultsAsText
Ctrl + D then E	SQL.TSqlEditorShowEstimatedPlan
Ctrl + D then A	SQL.TSqlEditorToggleExecutionPlan
Ctrl + D then	SQL.TSqlEditorToggleResultsPane
R	
Ctrl + Alt + N	TSqlEditorCloneQuery
Shift + Alt +	TSqlEditorDatabaseCombo
Page Down	

## Page Inspector

F12	PageInspector.Minimize
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## 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	SQL.QueryResultsStop

## Report Designer

Enter	Edit.BreakLine
Left arrow	Arrow Edit.CharLeft
Shift + Left arrow	Arrow Edit.CharLeftExtend
Right arrow	Arrow Edit.CharRight
Shift + Right arrow	Arrow Edit.CharRightExtend
Tab	Edit.InsertTab
Down arrow	Arrow Edit.LineDown
Shift + Down arrow	Arrow Edit.LineDownExtend
Up arrow	Arrow Edit.LineUp
Shift + Up arrow	Arrow Edit.LineUpExtend
Ctrl + Down arrow	Arrow Edit.MoveControlDown
Ctrl + Left arrow	Arrow Edit.MoveControlLeft
Ctrl + Right arrow	Arrow Edit.MoveControlRight
Ctrl + Up arrow	Arrow Edit.MoveControlUp
Esc	Edit.SelectionCancel
Ctrl + Shift + Down arrow	Arrow Edit.SizeControlDown
Ctrl + Shift + Left arrow	Arrow Edit.SizeControlLeft
Ctrl + Shift + Right arrow	Arrow Edit.SizeControlRight
Ctrl + Shift + Up arrow	Arrow Edit.SizeControlUp
Shift + Tab	Edit.TabLeft
Ctrl + Alt + D	View.ReportData

## Sequence diagram

F12	ArchitectureDesigner.Sequence.NavigateToCode
Shift + Del	Edit.Delete
+	Del

## Settings Designer

F2	Edit.EditCell
Ctrl + Del	Edit.RemoveRow
Esc	Edit.SelectionCancel
F7	View.ViewCode

## Solution Explorer

Ctrl + K then Ctrl + G	ClassViewContextMenus.ClassViewProject.View.ViewInPage
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## Team Explorer

Del	Edit.Delete
F2	File.Rename
Alt + Home	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + Down arrow	Arrow TeamFoundationContextMenu.Commands.GoToTe
Alt + 0	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + Up arrow	Arrow TeamFoundationContextMenu.Commands.GoToTe
Alt + 1	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + 2	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + 3	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + 4	TeamFoundationContextMenu.Commands.GoToTeamExp
Alt + 5	TeamFoundationContextMenu.Commands.GoToTeamExp

Alt + 6	TeamFoundationContextMenus.Commands.GoToTeamE	arrow	
Alt + 7	TeamFoundationContextMenus.Commands.GoToTeamE	Ctrl + T	Edit.CharTranspose
Alt + 8	TeamFoundationContextMenus.Commands.GoToTeamE	Ctrl + K	Edit.ClearBookmarks
Alt + 9	TeamFoundationContextMenus.Commands.GoToTeamE	then Ctrl + L	
Alt + Left arrow	Arrow TeamFoundationContextMenus.Commands.Team	Ctrl + M	Edit.CollapseAllOutlining
Alt + Right arrow	Arrow TeamFoundationContextMenus.Commands.Team	then Ctrl + A	
Shift + Alt + C	TeamFoundationContextMenus.MyWorkPageInProgress.	Ctrl + M	Edit.CollapseCurrentRegion
Shift + Alt + L	TeamFoundationContextMenus.MyWorkPageInProgress.	then Ctrl + O	
F5	View.Refresh	Ctrl + K	Edit.CollapseToDefinitions
F5 or F5	View.Refresh	then Ctrl + C	Edit.CommentSelection
		Ctrl + Space	Edit.CompleteWord
		Alt + Right arrow	Arrow Edit.CompleteWord

## Test Explorer

F12	TestExplorer.OpenTest	Ctrl + Shift + Alt + C	Edit.CopyParameterTip
		Alt + ,	Edit.DecreaseFilterLevel

## Text Editor

Enter or Shift + Enter	Edit.BreakLine	Backspace or Shift + Backspace	Edit.DeleteBackwards
Left arrow	Arrow Edit.CharLeft	Ctrl + K then Ctrl + \	Edit.DeleteHorizontalWhiteSpace
Shift + Left arrow	Arrow Edit.CharLeftExtend	Ctrl + End	Edit.DocumentEnd
Shift + Alt + Left arrow	Arrow Edit.CharLeftExtendColumn	Ctrl + Shift + End	Edit.DocumentEndExtend
Right arrow	Arrow Edit.CharRight	Ctrl + Home	Edit.DocumentStart
Shift + Right arrow	Arrow Edit.CharRightExtend	Ctrl + Shift + Home	Edit.DocumentStartExtend
Shift + Alt + Right	Arrow Edit.CharRightExtendColumn	Ctrl + M then Ctrl + X	Edit.ExpandAllOutlining
		Ctrl + M then Ctrl +	Edit.ExpandCurrentRegion

E		arrow		
Ctrl + K then Ctrl + D	Edit.FormatDocument	Shift + Alt + Up arrow	Arrow	Edit.LineUpExtendColumn
Ctrl + K then Ctrl + F	Edit.FormatSelection	Ctrl + J	Edit.ListMembers	
Ctrl + ]	Edit.GotoBrace	Ctrl + U	Edit.MakeLowercase	
Ctrl + Shift + ]	Edit.GotoBraceExtend	Ctrl + Shift + U	Edit.MakeUppercase	
Ctrl + M, Ctrl + H	Edit.HideSelection	Alt + Down arrow	Arrow	Edit.MoveSelectedLinesDown
Alt + .	Edit.IncreaseFilterLevel	Alt + Up arrow	Arrow	Edit.MoveSelectedLinesUp
Ctrl + I	Edit.IncrementalSearch	Ctrl + Shift + Down arrow	Arrow	Edit.NextHighlightedReference
Tab	Edit.InsertTab	Insert	Edit.OvertypeMode	
Ctrl + L	Edit.LineCut	Page Down	Edit.PageDown	
Ctrl + Shift + L	Edit.LineDelete	Shift + Page Down	Shift +	Edit.PageDownExtend
Down arrow	Arrow Edit.LineDown	Page Up	Arrow	Edit.LineDownExtend
Shift + Down arrow	Arrow Edit.LineDownExtend	Shift +	Page Up	Edit.PageUp
Shift + Alt + Down arrow	Arrow Edit.LineDownExtendColumn	Page Up	Shift +	Edit.PageUpExtend
End	Edit.LineEnd	Ctrl + Shift + Alt + P	Ctrl + Shift	Edit.PasteParameterTip
Shift + End	Edit.LineEndExtend	Ctrl + Alt +	+	Edit.PeekBackward
Shift + Alt + End	Edit.LineEndExtendColumn	-	Alt + F12	Edit.PeekDefinition
Ctrl + Enter	Edit.LineOpenAbove	Ctrl + Alt +	=	Edit.PeekForward
Ctrl + Shift + Enter	Edit.LineOpenBelow	Ctrl + Shift + Up arrow	Ctrl + Shift	Arrow Edit.PreviousHighlightedReference
Home	Edit.LineStart	Ctrl + K then Ctrl + I	Arrow	Edit.ScrollLineDown
Shift + Home	Edit.LineStartExtend	Ctrl + Shift + I	Ctrl +	Edit.QuickInfo
Shift + Alt + Home	Edit.LineStartExtendColumn	Ctrl + Shift + I	Down arrow	Edit.ReverseIncrementalSearch
Shift + Alt + T	Edit.LineTranspose	Ctrl +	Arrow	Edit.ScrollLineUp
Up arrow	Arrow Edit.LineUp	Shift + Up	Arrow	Edit.LineUpExtend

Ctrl + Up arrow	Arrow Edit.ScrollLineUp	+ Page Up
Ctrl + W	Edit.SelectCurrentWord	Ctrl + R then Ctrl + W
Esc	Edit.SelectionCancel	Ctrl + Del
Ctrl + =	Edit.SelectToLastGoBack	Edit.WordDeleteToEnd
Alt + `	Edit.ShowCodeLensMenu	Ctrl + Backspace
Ctrl + M then Ctrl + U	Edit.StopHidingCurrent	Ctrl + Right arrow
Ctrl + M then Ctrl + P	Edit.StopOutlining	Ctrl + Shift + Right arrow
Ctrl + K then Ctrl + A	Edit.SwapAnchor	Ctrl + Shift + Alt + Right arrow
Shift + Tab	Edit.TabLeft	Ctrl + Left arrow
Ctrl + M then Ctrl + L	Edit.ToggleAllOutlining	Ctrl + Shift + Left arrow
Ctrl + K then Ctrl + K	Edit.ToggleBookmark	Ctrl + Shift + Alt + Left arrow
Ctrl + Alt + Space	Edit.ToggleCompletionMode	Ctrl + Shift + T
Ctrl + M then Ctrl + M	Edit.ToggleOutliningExpansion	Alt + Enter
Ctrl + K then Ctrl + H	Edit.ToggleTaskListShortcut	Alt + ' Ctrl + G
Ctrl + E then Ctrl + W	Edit.ToggleWordWrap	Alt + Page Down
Ctrl + K then Ctrl + U	Edit.UncommentSelection	Alt + Page Up
Ctrl + Page Down	Edit.ViewBottom	<b>UML activity diagram</b>
Ctrl + Shift + Page Down	Edit.ViewBottomExtend	Shift + Del
Ctrl + Page Up	Edit.ViewTop	Edit.Delete
Ctrl + Shift	Edit.ViewTopExtend	<b>UML class diagram</b>
		Shift + Del
		Shift + Del or Shift + Del
		Shift + Del or Shift

+ Del or Shift +	
Del	

## 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	Arrow Edit.ScrollColumnLeft
Ctrl + Right arrow	Arrow Edit.ScrollColumnRight
Ctrl + Down arrow	Arrow Edit.ScrollLineDown
Ctrl + Up arrow	Arrow Edit.ScrollLineUp
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	Arrow Format.AlignLefts
F9	Format.AlignMiddles
Ctrl + Shift + Right arrow	Arrow Format.AlignRights
Ctrl + Shift + Up arrow	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.SizeTypeContent
Alt + Right arrow	Arrow Format.SpaceAcross
Alt + Left arrow	Arrow Format.SpaceAcross
Alt + Up arrow or Alt + Down arrow	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	Arrow Image.NextColor
Ctrl + Shift + ]	Image.NextRightColor
Ctrl + Shift + Right arrow	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	Arrow Image.PreviousColor
Ctrl + Shift + [	Image.PreviousRightColor
Ctrl + Shift + Left arrow	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	Arrow Image.ZoomIn
Ctrl + Shift + ,	Image.ZoomOut
Ctrl + Down arrow	Arrow Image.ZoomOut

## VC String Editor

Insert	Edit.NewString
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## View 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

## Visual Studio

Ctrl + 1	OtherContextMenus.ORDesignerContext.HideMethodsPane
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## Windows Forms Designer

Enter	Edit.BreakLine
Left arrow	Arrow Edit.CharLeft
Shift + Left arrow	Arrow Edit.CharLeftExtend
Right arrow	Arrow Edit.CharRight
Shift + Right arrow	Arrow Edit.CharRightExtend
End	Edit.DocumentEnd
Shift + End	Edit.DocumentEndExtend
Home	Edit.DocumentStart
Shift + Home	Edit.DocumentStartExtend
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
Ctrl + Down arrow	Arrow Edit.MoveControlDown
Ctrl + Left arrow	Arrow Edit.MoveControlLeft
Ctrl + Right arrow	Arrow Edit.MoveControlRight
Ctrl + Up arrow	Arrow Edit.MoveControlUp
Esc	Edit.SelectionCancel
Ctrl + Shift + Down arrow	Arrow Edit.SizeControlDown
Ctrl + Shift + Left arrow	Arrow Edit.SizeControlLeft

Ctrl + Shift + Right arrow      Arrow Edit.SizeControlRight

Ctrl + Shift + Up arrow	Arrow Edit.SizeControlUp
Shift + Tab	Edit.TabLeft

## Work Item Editor

Shift + Alt + C	Edit.CreateCopyofWorkItem
F5	Edit.RefreshWorkItem

Shift + Alt + L	Team.NewLinkedWorkItem
-----------------	------------------------

K, Ctrl  
+ L or  
Ctrl +  
J

## Work Item Query View

Shift + Alt + C	Edit.CreateCopyofWorkItem
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Shift + Alt + Right arrow	Arrow Edit.Indent
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Shift + Alt + Left arrow	Arrow Edit.Outdent
--------------------------	--------------------

Shift + Alt + L	Team.NewLinkedWorkItem
-----------------	------------------------

F5	Team.Refresh
----	--------------

Shift + Alt + V	Window.Toggle
-----------------	---------------

Ctrl + K then P or Ctrl + K then Ctrl + P or Ctrl + Shift + Space	Edit.ParameterInfo
---	--------------------

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

Ctrl + E then Ctrl + C or Ctrl + E then C	WorkflowDesigner.Collapse
---	---------------------------

Ctrl + E then Ctrl + F or Ctrl + E then F	WorkflowDesigner.ConnectNodes
---	-------------------------------

Ctrl + E then Ctrl + N or Ctrl + E	WorkflowDesigner.CreateVariable
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## Work Item Results View

Shift + Alt + C	Edit.CreateCopyofWorkItem
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Shift + Alt + Right arrow	Arrow Edit.Indent
---------------------------	-------------------

Shift + Alt + Left arrow	Arrow Edit.Outdent
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Shift + Alt + N	Team.GotoNextWorkItem
-----------------	-----------------------

Shift + Alt + P	Team.GotoPreviousWorkItem
-----------------	---------------------------

Shift + Alt + L	Team.NewLinkedWorkItem
-----------------	------------------------

F5	Team.Refresh
----	--------------

Shift + Alt + V	Window.Toggle
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## Workflow Designer

Ctrl + K then W or Ctrl + K, Ctrl + W or Ctrl + + Space	Edit.CompleteWord
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Alt + Right arrow	Arrow Edit.CompleteWord
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Alt + ,	Edit.DecreaseFilterLevel
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Alt + .	Edit.IncreaseFilterLevel
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Ctrl + K,	L Edit.ListMembers
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Ctrl +	Edit.ListMembers
--------	------------------

then N		R	
Ctrl + WorkflowDesigner.ExpandAll		Ctrl + WorkflowDesigner.ShowHideArgumentDesigner	
E		E	
then		then	
Ctrl +		Ctrl +	
X or		A or	
Ctrl +		Ctrl +	
E		E	
then		then	
X		A	
Ctrl + WorkflowDesigner.ExpandInPlace		Ctrl + WorkflowDesigner.ShowHideImportsDesigner	
E		E, Ctrl	
then		+ I or	
Ctrl +		Ctrl +	
E or		E	
Ctrl +		then I	
E			
then			
E			
Ctrl + WorkflowDesigner.GoToParent		Ctrl + WorkflowDesigner.ShowHideOverviewMap	
E		E	
then		then	
Ctrl +		Ctrl +	
P or		O or	
Ctrl +		Ctrl +	
E		E	
then		then	
P		O	
Ctrl + WorkflowDesigner.MoveFocus		Ctrl + WorkflowDesigner.ShowHideVariableDesigner	
E		E	
then		then	
Ctrl +		Ctrl +	
M or		V or	
Ctrl +		Ctrl +	
E		E	
then		then	
M		V	
Ctrl + WorkflowDesigner.NavigateThroughDesigner		Ctrl + WorkflowDesigner.ToggleSelection	
Alt +		E	
F6		then	
Ctrl + WorkflowDesigner.Restore		Ctrl +	
E		S or	
then		Ctrl +	
Ctrl +		E	
R or		then	
Ctrl +		S	
E			
then			
Ctrl + Num +		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

Ctrl + 3 XsdDesigner.ShowGraphView

Ctrl + 1 XsdDesigner.ShowStartView

## Recommended articles

Microsoft has a productivity guide for Visual Studio 2017 developers here.

Identify and customize keyboard shortcuts in Visual Studio.

Source: Microsoft documentation

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More information: [defkey.com/ce/visual-studio-all-shortcuts](http://defkey.com/ce/visual-studio-all-shortcuts)

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## XML (Text) Editor

Alt + F5	XML.StartXSLTDebugging
Ctrl + Alt + F5	XML.StartXSLTWithoutDebugging

## XML Schema Designer

Alt + Up arrow	Arrow GraphView.BottomtoTop
Alt + Right arrow	Arrow GraphView.LefttoRight
Alt + Left arrow	Arrow GraphView.RighttoLeft
Alt + Down arrow	Arrow GraphView.ToptoBottom
Del	OtherContextMenus.GraphView.RemovefromWorkspace
Ctrl + 2	XsdDesigner.ShowContentModelView