

VS Universal Keyboard Mapping Scheme

Friday, October 12, 2018

GENERAL

Alt+Q (Ctrl+Q)	Quick Launch
Ctrl+Alt+S	Settings (Tools->Options)
Ctrl+S / Ctrl+Shift+S	Save / Save All
Ctrl+Z / Ctrl+Shift+Z (Ctrl+Y)	Undo / Redo
F2	Rename file (Soln Expl)
Shift+F10	Right-click context menu
Esc	Return focus to Editor / Clear selection

Working with Files, Projects and Documents

Open

Ctrl+O	<u>O</u> pen File
Ctrl+Shift+O	<u>O</u> pen Project
Ctrl+Shift+Alt+O	<u>O</u> pen Folder

New

Ctrl+N	<u>N</u> ew File
Ctrl+Shift+N	<u>N</u> ew Project

Add Items

Ctrl+Shift+A	<u>A</u> dd New Item
Shift+Alt+A	Add Existing Item
Shift+Alt+C	Add New <u>C</u> lass

Close Document/Solution/Application

Ctrl+W	Close Document
Ctrl+Shift+W	Close All Documents
Ctrl+F4	Close Solution
Alt+F4	Close Visual Studio

NAVIGATION

Document Navigation

Alt+Left Arrow/Right Arrow	Navigate backward/forward
Ctrl+PgUp/PgDn	Go to next/previous document
Ctrl+Tab / Ctrl+Shift+Tab	Go to most/least recent document
Ctrl+Shift+Backspace	Go to last edit location
Ctrl+Alt+End	Open Documents list
Ctrl+Alt+Home	Keep preview tab open
Shift+Alt+L	Locate in Solution Explorer

Tool window navigation/docking

Ctrl+` / Ctrl+Shift+`	Most Recent Tool Window (cycle forward/backward)
Shift+Ins	Hide tool window [most recent]*
Shift+Esc	Close tool window [most recent]*
Shift+Alt+Ins	Hide all tool windows [toggle]*
Shift+Alt+Enter	Full-screen layout
Ctrl+Ins	Dock tool window
Ctrl+Shift+Ins	Dock in Document well
*[with Hot Windows]	

Document Tab Groups (Split Windows)

Ctrl+\\, Right Arrow	Move to New Vertical tab group
Ctrl+\\, Down Arrow	Move to New Horizontal tab group
Ctrl+\\, PgUp/PgDn	Move to previous/next tab group
Ctrl+\\, Home/End	Move all to previous/next tab group
Ctrl+\\, Enter	Float document in new group
Ctrl+\\, Shift+Enter	Float all documents in new group
Ctrl+\\, Shift+Backspace	Re-dock floating document

Error Navigation

Alt+PgDn/PgUp	Go to next/previous error in file
Shift+Alt+PgDn/PgUp	Go to next/previous error in solution

Go To ... (File, Type, etc) [Ctrl+P]

Ctrl+T (Ctrl+P, A)	Go to All	Query Syntax (?)
Ctrl+P	Go to File	f
Ctrl+Shift+P	Go to Type	t
Ctrl+Shift+Alt+P	Go to Symbol	#
Alt+\\	Go to (File) Member	m
Ctrl+1, R	Go to Recent files	r
Ctrl+G	<u>G</u> o to Line	:

Go to Definition / Implementation

Ctrl+B Ctrl+Click	Go to definition
Ctrl+Alt+B	Go to implementation

Go to References

Alt+2	Find Usages pop-up (Code Lens)
Ctrl+U	Find all references (Usages)

Go to next item

F8 / Shift+F8	Select next/previous item in list (Error, Find, Diffs, etc)
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Find / Replace

Ctrl+F	Quick Find
Ctrl+Shift+F	Find in Files
Ctrl+H	Quick Replace
Ctrl+Shift+H	Replace in Files
F3 / Shift+F3	Find next / previous
Alt+F3 / Shift+Alt+F3	Incremental Find (cursor stays in editor)
Ctrl+F3 / Ctrl+Shift+F3	Find next/previous (item at caret)

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EDITOR SHORTCUTS

Zoom

Ctrl+Shift+. (>)	Zoom In (Increase font size)
Ctrl+Shift+, (<)	Zoom Out (Decrease font size)

Outlining (Collapse/Expand code) [Ctrl+M]

Ctrl+= (plus)	Expand region
Ctrl+Shift+= (plus)	Expand all regions
Ctrl+- (minus)	Collapse region
Ctrl+Shift+- (minus)	Collapse all regions
Ctrl+M, O	Collapse to definitions
Ctrl+M, H	Hide selection
Ctrl+M, M	Toggle outlining current region
Ctrl+M, L	Toggle outlining <u>A</u> ll regions
Ctrl+M, P	Stop <u>O</u> utlining

Editor Navigation/Selection

Code blocks

Ctrl+A	Select <u>A</u> ll
Ctrl+E / Ctrl+Shift+E	<u>E</u> xpand/Contract selection
Ctrl+Shift+Up/Down	Go to next highlighted item
Ctrl+Alt+Up/Down	Go to previous/next method
Ctrl+Shift+Alt+Up/Down	[Reserved] Move method up/down
Ctrl+[Go to top of containing block
Ctrl+Shift+[Select all in containing block
Ctrl+]	Go to matching brace (other end of block)
Ctrl+Shift+]	Select to matching brace

Viewport

Ctrl+Home/End	Go to top/bottom of file
Ctrl+Shift+Home/End	Select to top/bottom of file
Alt+Home/End	Go to viewport top/bottom
Shift+Alt+Home/End	Select to viewport top/bottom
Ctrl+Up/Down	Scroll page up/down

CODE ASSISTANCE

IntelliSense / Quick Actions

Alt+Enter	Quick Actions / Lightbulb
Ctrl+Space	Code completion
Ctrl+Shift+Space	[Reserved] Smart code completion

Contextual Information

Ctrl+I	Show Quick Info (Method info / errors)
Ctrl+Shift+I	Show Parameter Info
Ctrl+K, M	Show line annotations
Ctrl+K, Up/Down	Go to Previous/Next annotation

EDITING CODE/TEXT

Basic editing

Ctrl+/	Comment line or selection
Ctrl+Shift+/	Uncomment line or selection
Alt+Up/Down	Move lines up/down
Ctrl+Shift+Del	Delete line
Ctrl+D	Duplicate code
Ctrl+Enter / Ctrl+Shift+Enter	Insert line above / below

Multi-caret

Ctrl+Alt+ <u>C</u> lick	Add additional caret
Ctrl+Shift+D	Multi-caret: Add next matching
Ctrl+Shift+Alt+D	Multi-caret: Select all matching
Shift+Alt+Down/Up	Multi-caret: Add caret below/above (Box selection)

Refactoring

F2	Rename
Ctrl+R, R	
Ctrl+Alt+M	Extract <u>m</u> ethod
Ctrl+R, M	
Ctrl+Alt+V	[Reserved] Extract <u>v</u> ariable
Ctrl+Alt+I	[Reserved] <u>I</u> ncline method/variable
Ctrl+R, U	Remove and Sort <u>U</u> sings (Imports)
Ctrl+R, O	Change method parameters
Ctrl+R, V	
Ctrl+R, E	Encapsulate Field
Ctrl+R, I	Extract Interface

More editor shortcuts

Ctrl+K, A	Swap <u>A</u> nchor (move caret to other end of selection)
Ctrl+K, W	<u>W</u> ord wrap
Ctrl+R, W	(<u>R</u> ead) <u>W</u> hitespace
Ctrl+K, \	Delete Whitespace on line

Format

Ctrl+K, F	Format Selection
Ctrl+K, D	Format Document
Ctrl+Alt+F	[Reserved] Format Code
Ctrl+Shift+K, U	Make <u>U</u> ppercase
Ctrl+Shift+K, L	Make <u>L</u> owercase

Snippets/Code generation

Ctrl+K, S	<u>S</u> urround with...
Ctrl+K, X	Insert snippet
Ctrl+K, B	Manage snippets

Bookmarks

Ctrl+ <u>B</u> , Ctrl+Shift+K	Bookmarks window
Ctrl+K, K	Toggle book <u>ma</u> rk
Ctrl+K, N	<u>N</u> ext bookmark
Ctrl+K, P	<u>P</u> revious bookmark
Ctrl+K, L	<u>C</u> lear bookmarks

Camel Hump navigation/selection/deletion (Requires extension: VSTricks)

- Ctrl = Part-word
- Ctrl+Alt = Full-word

Ctrl+Left/Right	Move caret part-word to the left/right
Ctrl+Alt+Left/Right	Move caret full-word to the left/right
Ctrl+Shift+Left/Right	Select part-word to the left/right
Ctrl+Shift+Alt+Left/Right	Select full-word to the left/right
Ctrl+Backspace	Delete Part-word on the left
Ctrl+Alt+Backspace	Delete Full-word to the left
Ctrl+Del	Delete Part-word on the right
Alt+Del	Delete Full-word to the right

*Note: Same behavior applies when in box-selection mode

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BUILD / RUN / DEBUG

Ctrl+Shift+B	Build
F5	Debug
Ctrl+F5	Run (without debug)
Shift+F5	Stop running
F9	Toggle breakpoint
F10	Step Over
F11	Step Into
Shift+F10	Step Out
Ctrl+F10	Run to cursor

Test

Ctrl+R, A	Run all tests
Ctrl+R, Ctrl+A	Debug all tests
Ctrl+R, L	Rerun last test
Ctrl+R, D	Debug last test

C# Interactive Console

Ctrl+K, Enter	Copy to C# Interactive console
Ctrl+K, I	Execute In C# Interactive console

HTML Editor

Ctrl+Alt+PgDn/PgUp	Cycle Design/Split/Source view forward/backward
Ctrl+Shift+R	View (Run) in Web Browser

XAML Editor

F7	View Code
Shift+F7	Toggle Designer / Markup view

TOOL WINDOWS

Ctrl+Alt+L	Sol <u>u</u> tion Explorer (Toggle)
Ctrl+Alt+O Ctrl+\, O	<u>O</u> utput (Toggle)
Ctrl+Alt+E Ctrl+\, E	<u>E</u> rror List
Ctrl+\, P	<u>P</u> roperties
Ctrl+\, M	Team <u>E</u> xplorer (Toggle)
Ctrl+Alt+G Ctrl+\, G	Git <u>H</u> ub
Ctrl+\, S	<u>S</u> QL Server Obj Explorer
Ctrl+Alt+S	<u>S</u> erver Explorer
Ctrl+\, X	Cloud <u>E</u> xplorer
Ctrl+Alt+X	Toolbox <u>x</u>
Ctrl+\, W	<u>W</u> indow status bar menu*
Ctrl+\, N	<u>N</u> otifications
Ctrl+\, T	Task List
Ctrl+\, A	Comm <u>a</u> nd window
Ctrl+\, Q	Find Symbol Results
Ctrl+\, U	Docu <u>m</u> ent Outline
Ctrl+\, K	Call Hierarchy
Ctrl+\, D	Code <u>D</u> efinition
Ctrl+\, C	Class View
Ctrl+\, J	Object Browser
Ctrl+\, R	<u>R</u> esource View
Ctrl+\, Shift+T	<u>T</u> est Explorer
Ctrl+\, V	Code Coverage Results
Ctrl+\, Shift+K	Bookmark window
Ctrl+\, Backspace	Task Runner Explorer
Ctrl+\, B	<u>B</u> ackground Task Status Center

SOURCE CONTROL

Ctrl+Shift+K, F	<u>F</u> etch
Ctrl+Shift+K, L	Pu <u>l</u> l
Ctrl+Shift+K, P	<u>P</u> ush
Ctrl+Shift+K, N	Create <u>N</u> ew branch

Source Control Windows

Ctrl+\, I	Uncommitted changes (Comm <u>i</u> t)
Ctrl+\, Y	Unpublished commits (<u>S</u> ync)
Ctrl+\, H	View branch/file <u>H</u> istory
Ctrl+Alt+F3	Source control status bar menu

Debugging windows

Ctrl+Alt+D, A	Debug Autos
...	
Ctrl+Alt+D, S	Parallel Stacks
Ctrl+Alt+D, 1	Parallel Watch 1
Ctrl+Alt+D, 2	Parallel Watch 2
Ctrl+Alt+D, 3	Parallel Watch 3
Ctrl+Alt+D, 4	Parallel Watch 4

Memory watch

Ctrl+Shift+M, 1	Debug Memory 1
Ctrl+Shift+M, 2	Debug Memory 2
Ctrl+Shift+M, 3	Debug Memory 3
Ctrl+Shift+M, 4	Debug Memory 4