

Microsoft Visual C++ Default Key Bindings

Editing		
Edit.Find	CTRL + F	Displays the Quick Find tab of the Find and Replace dialog box.
Edit.Replace	CTRL + H	Displays the Quick Replace tab of the Find and Replace dialog box.
Edit.FindInFiles	CTRL + SHIFT + F	Allows searching of all the files in a project or solution for a specific word or expression.
Edit.ReplaceInFiles	CTRL + SHIFT + H	Allows search and replace functionality over all the files in a project or solution.
Edit.Incremental-Search	CTRL + I	Performs a search as you type.
Edit.GoToFind-Combo	CTRL + D	Sets the focus in the Find box on the toolbar.
Edit.MakeLowercase	CTRL + U	Lowercases the selected text.
Edit.Make-Uppercase	CTRL + SHIFT + U	Uppercases the selected text.
Edit.View-WhiteSpace	CTRL + R, CTRL + W or CTRL + SHIFT + 8	Uses glyphs to represent the white spaces in the editor.
Edit.Comment-Selection	CTRL + K, CTRL + C	Comments selected text.
Edit.Uncomment-Selection	CTRL + K, CTRL + U	Uncomments selected text.
Edit.HideSelection	CTRL + M, CTRL + H	Creates an outline for the selected text and collapses it.
Edit.Cycle-ClipboardRing	CTRL + SHIFT + INS	Cycles through the Clipboard ring.
Edit.Copy-ParameterTip	CTRL + SHIFT + ALT + C	Copies to clipboard the list of parameters.
Edit.Paste-ParameterTip	CTRL + SHIFT + ALT + P	Pastes in the editor the list of parameters.
File.CopyFullPath	<unassigned>	Copies to clipboard the full path of the selected file.
Edit.HideSelection	CTRL + M, CTRL + H	Collapses current selection to an outlining region.
Edit.Toggle-AllOutlining	CTRL + M, L	Toggles all previously collapsed outlining regions between collapsed and expanded states.
Edit.Toggle-OutliningExpansion	CTRL + M, M	Toggles the currently selected collapsed region between the collapsed and expanded state.
Edit.Format-Selection	CTRL + K, F or CTRL + E, F	Formats the current selection according to the indentation and code formatting settings specified on the Formatting pane under Tools Options Text Editor C/C++ .
Edit.<Direction>ExtendColumn	SHIFT + ALT + <ARROW KEY>	Creates a column selection instead of a stream selection.

File		
File.NewProject	CTRL + SHIFT + N	Creates a new project.
File.OpenFile	CTRL + O	Opens an existing file.
File.OpenProject	CTRL + SHIFT + O	Opens an existing project.
Project.AddNewItem	CTRL + SHIFT + A	Adds a new item to the project.
Project.Add-ExistingItem	SHIFT + ALT + A	Adds an existing item to the project.
File.Open-ContainingFolder	<unassigned>	Opens the folder containing the file in the editor.
Build		
Build.BuildSolution	F7 or CTRL + SHIFT + B	Builds the solution.
Build.Rebuild-Solution	CTRL + ALT + F7	Rebuilds the solution.
Build.Cancel	CTRL + BREAK	Cancels the build process.
IntelliSense		
Edit.CompleteWord	CTRL + SPACEBAR or ALT + RIGHT ARROW	Completes the current word or shows the IntelliSense® completion list.
Edit.ParameterInfo	CTRL + SHIFT + SPACEBAR	Displays the name, return value, and parameters of the function call.
Edit.ListMembers	CTRL + J or CTRL + ALT + T	Shows only members in the IntelliSense completion list.
Edit.QuickInfo	CTRL + K, CTRL + I	Displays the complete declaration of the identifier under cursor.
Bookmarks		
Edit.Toggle-Bookmark	CTRL + K, CTRL + K or CTRL + F2	Toggles a bookmark on the current line.
Edit.NextBookmark	CTRL + K, CTRL + N or F2	Moves to the next bookmark.
Edit.Previous-Bookmark	CTRL + K, CTRL + P or SHIFT + F2	Moves to the previous bookmark.
Edit.NextBookmarkInFolder	CTRL + SHIFT + K, CTRL + SHIFT + N	Moves to the next bookmark in the current folder.
Edit.Previous-BookmarkInFolder	CTRL + SHIFT + K, CTRL + SHIFT + P	Moves to the previous bookmark in the current folder.
View.Bookmark-Window	CTRL + K, CTRL + W	Shows the Bookmarks window.
Edit.ToggleTaskList-Shortcut	CTRL + K, CTRL + H	Toggles Task List shortcut.

Navigation		
Edit.NavigateTo	CTRL + COMMA (,)	Displays the NavigateTo window, which allows quick navigation to files, types, and members. The dialog is populated with the symbol at the cursor location.
Edit.GoToBrace	CTRL +]	Moves the cursor location to the matching brace in the source file.
Edit.FindSymbol	ALT + F12	Displays the Find Symbol pane of the Find and Replace dialog box.
Window.MoveTo-NavigationBar	CTRL + F8	Sets the focus to the navigation bar.
Edit.GoToNext-Location	F8 or F4	Navigates to the next find result.
Edit.GoToPrev-Location	SHIFT + F8 or SHIFT + F4	Navigates back to the previous result.
View.Synchronize-ClassView	<unassigned>	Synchronizes the class view with the editor.
Edit.GoToDefinition	F12	Goes to definition.
View.CodeDefini-tionWindow	CTRL + \, D or CTRL + SHIFT + V	Brings up a window that is constantly updating with the definition of the selected symbols.
Edit.GoTo-Declaration	CTRL + F12	Goes to declaration.
Edit.FindAll-References	<unassigned>	Searches all references to the current symbol.
View.Navigate-Backward	CTRL + HYPHEN (-)	Moves to the previously browsed line of code.
View.Navigate-Forward	CTRL + SHIFT + HYPHEN (-)	Moves to the next browsed line of code.
Tools.GoTo-CommandLine	CTRL + /	Allows running of commands from the Find text box. (For a list of available commands see "Command Aliases" below.)
Window.ShowEz-MDIFileList	CTRL + ALT + DOWN ARROW	Shows a list of files currently opened in the editor.
Windows		
View.Solution-Explorer	CTRL + ALT + L	Displays the Solution Explorer window.
View.Properties-Window	ALT + ENTER	Displays the Properties window.
View.Output	CTRL + ALT + O or ALT + 2	Displays the Output window.
View.ErrorList	CTRL + \, E	Displays the Error List window.
View.ZoomIn, View.ZoomOut	CTRL + SHIFT + PERIOD (.) and CTRL + SHIFT + COMMA (,)	Increases or decreases the view size of the contents in the editor.



View.CallHierarchy	CTRL + ALT + K	Displays the Call Hierarchy window, which lists the callers and callees to a method.
Window.CloseToolWindow	SHIFT + ESC	Closes the current tool window.
Project.Properties	ALT + F7	Displays the Project Properties dialog box.
View.ClassView	CTRL + SHIFT + C	Displays the Class View window.
View.CommandWindow	CTRL + ALT + A	Displays the Command window. (For a list of available commands see "Command Aliases" section.)

Debugging

Debug.Start	F5	Launches the application under the debugger.
Debug.StartWithoutDebugging	CTRL + F5	Launches the application without invoking the debugger.
Debug.StopDebugging	SHIFT + F5	Stops debugging.
Tools.AttachToProcess	CTRL + ALT + P	Displays the Attach to Process dialog box.
Debug.DetachAll	<unassigned>	Detaches from all processes.
Debug.BreakAll	CTRL + ALT + BREAK	Breaks all executing threads.
Debug.BreakAtFunction	CTRL + B	Creates a new function breakpoint.
Debug.ToggleBreakpoint	F9	Toggles breakpoint at current line.
Debug.StepInto	F11	Executes next statement and follows execution into method calls.
Debug.StepOver	F10	Executes next statement.
Debug.StepOut	SHIFT + F11	Executes the remaining statements of the currently debugged function.
Debug.RunToCursor	CTRL + F10	Runs the application until it reaches the statement under the cursor.
Debug.QuickWatch	CTRL + ALT + Q or SHIFT + F9	Displays QuickWatch window.
Debug.SetNextStatement	CTRL + SHIFT + F10	Sets the current statement to be the next executed statement.
Debug.ShowNextStatement	ALT + NUM *	Shows the next statement.
Debug.Exceptions	CTRL + ALT + E	Shows the Exceptions dialog box.
Debug.ToggleDisassembly	CTRL + F11	Toggles between disassembly and User Code view.

Debugger Windows

Debug.Threads	CTRL + ALT + H	Displays the Thread List window.
Debug.Immediate	CTRL + ALT + I	Displays the Immediate window.
Debug.Locals	CTRL + ALT + V, L or ALT + 4	Displays the Locals window.

Debug.CallStack	CTRL + ALT + C or ALT + 7	Displays the Call Stack window.
Debug.Autos	CTRL + ALT + V, A	Displays the Autos window.
Debug.Breakpoints	CTRL + ALT + B or ALT + F9	Displays the list of breakpoints.
Debug.Disassembly	ALT + 8	Shows the disassembly code.
Debug.Modules	CTRL + ALT + U	Displays the list of modules.
Debug.Processes	CTRL + ALT + Z or CTRL + SHIFT + ALT + P	Displays the list of debugged processes.
Debug.Memory1	CTRL + ALT + M, 1	Displays the Memory window.
Debug.Watch	CTRL + ALT + W, 1 or ALT + 3	Displays the list of watches.

Command Aliases

These commands can be run in the Command window (CTRL+SHIFT+A) as well as in the Command line (CTRL+/,).

Debug.Print	? <expression>	Evaluates expression and prints the result to the Command window.
Debug.QuickWatch	?? <expression>	Evaluates expression in the QuickWatch window.
Debug.Autos	autos	Displays the Autos window.
Debug.Breakpoints	bl	Displays the Breakpoints window.
Debug.ToggleBreakpoint	bp	Toggles breakpoint on current line.
Debug.CallStack	callstack	Displays the Call Stack window.
Debug.ListMemory	d [/Count:<n>] <address>	Lists the content of the memory at the specified address (list only n elements).
Debug.ListMemory /Format:OneByte	db <address>	Lists the content of the memory as an array of bytes.
Debug.ListMemory /Format:FourBytes	dd <address>	Lists the content of the memory as an array of longs.
Debug.Disassembly	disasm	Switches to disassembly mode.
Debug.EvaluateStatement	eval <statement>	Evaluates and displays the given statement.
Debug.Start	g [<address>]	Starts debugger. Optionally suspends execution at the provided address.
Tools.Immediate-Mode	immed	Displays the Immediate window.
Debug.ListCallStack	k [Thread:<n>] [<frame>]	Prints the call stack or sets thread's current frame to the specified frame.
Debug.Locals	locals	Displays the Locals window.
Tools.LogCommandWindowOutput	log [<filename>] [/off]	Starts logging all input and output from the Command window. /off stops logging.
Debug.SetRadix	n [hex dec]	Sets or returns the numeric base used to display integers.

View.WebBrowser	nav <url> [/new] [/ext]	Displays the internal Web browser. /new will create a new tab. /ext will open the external browser.
File.NewFile	nf [<filename>]	Creates a new file with the specified name.
File.OpenFile	of <file> [/e:<editor>]	Opens an existing file and allows specifying of the editor type.
File.OpenProject	op [<projname>]	Opens an existing project.
Debug.StepOver	p	Executes next statement without following execution into method calls.
Debug.StepOut	pr	Executes the remaining statements of the currently debugged function.
Debug.StopDebugging	q	Stops debugging.
Debug.ListRegisters	r	Prints the register values.
Debug.RunToCursor	rtc	Runs the application until it reaches the statement under the cursor.
Tools.Shell	shell [dir:<dir>] <path> [<args>]	Launches an application with the specified arguments.
Debug.StepInto	t	Executes next statement and follows execution into method calls.
Debug.Threads	threads	Displays the Threads window.
Debug.ListDisassembly	u	Lists the disassembly for the next statements.
Debug.Watch	watch	Displays the Watch window.
Debug.ListProcesses	 	Lists the debugged processes to the Command window.
Debug.ListThreads	~	Lists the threads in the debugged process to the Command window.
Debug.ListCallStack /AllThreads	~*k	Prints the call stack for all threads in the debugged process.

Notes: These key bindings are only available through the **Visual C++ Development Settings**. To change these settings, go to **Tools | Import and Export Settings** and select **Reset All Settings** then select **Visual C++ Development Settings**. You could also import only the key bindings by selecting **Import Selected Environment Settings** instead of **Reset All Settings**. To customize the key bindings for these commands, go to **Tools | Options | Environment | Keyboard**.

More information on the available command aliases and their parameters is available on MSDN®: <http://msdn2.microsoft.com/en-us/library/c7850kz.aspx>

Microsoft

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