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.AddNew-Item	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.NextBook-markInFolder	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.CloseTool-Window	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.Command-Window	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.StartWith-outDebugging	CTRL + F5	Launches the application without invoking the debugger.
Debug.Stop-Debugging	SHIFT + F5	Stops debugging.
Tools.AttachTo-Process	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.BreakAt-Function	CTRL + B	Creates a new function breakpoint.
Debug.Toggle-Breakpoint	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.RunTo-Cursor	CTRL + F10	Runs the application until it reaches the statement under the cursor.
Debug.Quick-Watch	CTRL + ALT + Q or SHIFT + F9	Displays **QuickWatch** window.
Debug.SetNext-Statement	CTRL + SHIFT + F10	Sets the current statement to be the next executed statement.
Debug.ShowNext-Statement	ALT + NUM *	Shows the next statement.
Debug.Exceptions	CTRL + ALT + E	Shows the **Exceptions** dialog box.
Debug.Toggle-Disassembly	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.Break-points	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.Quick-Watch	?? <expression>	Evaluates expression in the **QuickWatch** window.
Debug.Autos	autos	Displays the **Autos** window.
Debug.Breakpoints	bl	Displays the **Breakpoints** window.
Debug.Toggle-Breakpoint	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.Evaluate Statement	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.LogCommand WindowOutput	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.Stop-Debugging	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.List-Disassembly	u	Lists the disassembly for the next statements.
Debug.Watch	watch	Displays the **Watch** window.
Debug.List-Processes	|	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/c785s0kz.aspx**

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