

Editing			File			Navigation		
<b>Edit.Find</b>	<b>CTRL + F</b>	Displays the <b>Quick Find</b> tab of the <b>Find and Replace</b> dialog box.	<b>File.NewProject</b>	<b>CTRL + SHIFT + N</b>	Creates a new project.	<b>Edit.NavigateTo</b>	<b>CTRL + COMMA (,)</b>	Displays the <b>NavigateTo</b> window, which allows quick navigation to files, types, and members. The dialog is populated with the symbol at the cursor location.
<b>Edit.Replace</b>	<b>CTRL + H</b>	Displays the <b>Quick Replace</b> tab of the <b>Find and Replace</b> dialog box.	<b>File.OpenFile</b>	<b>CTRL + O</b>	Opens an existing file.	<b>Edit.GoToBrace</b>	<b>CTRL + ]</b>	Moves the cursor location to the matching brace in the source file.
<b>Edit.FindInFiles</b>	<b>CTRL + SHIFT + F</b>	Allows searching of all the files in a project or solution for a specific word or expression.	<b>File.OpenProject</b>	<b>CTRL + SHIFT + O</b>	Opens an existing project.	<b>Edit.FindSymbol</b>	<b>ALT + F12</b>	Displays the <b>Find Symbol</b> pane of the <b>Find and Replace</b> dialog box.
<b>Edit.ReplaceInFiles</b>	<b>CTRL + SHIFT + H</b>	Allows search and replace functionality over all the files in a project or solution.	<b>Project.AddNewItem</b>	<b>CTRL + SHIFT + A</b>	Adds a new item to the project.	<b>Window.MoveToNavigationBar</b>	<b>CTRL + F8</b>	Sets the focus to the navigation bar.
<b>Edit.Incremental-Search</b>	<b>CTRL + I</b>	Performs a search as you type.	<b>Project.Add-ExistingItem</b>	<b>SHIFT + ALT + A</b>	Adds an existing item to the project.	<b>Edit.GoToNext-Location</b>	<b>F8 or F4</b>	Navigates to the next find result.
<b>Edit.GoToFind-Combo</b>	<b>CTRL + D</b>	Sets the focus in the <b>Find</b> box on the toolbar.	<b>File.Open-ContainingFolder</b>	<b>&lt;unassigned&gt;</b>	Opens the folder containing the file in the editor.	<b>Edit.GoToPrev-Location</b>	<b>SHIFT + F8 or SHIFT + F4</b>	Navigates back to the previous result.
<b>Edit.Make-Lowercase</b>	<b>CTRL + U</b>	Lowercases the selected text.	Build			<b>View.Synchronize-ClassView</b>	<b>&lt;unassigned&gt;</b>	Synchronizes the class view with the editor.
<b>Edit.Make-Uppercase</b>	<b>CTRL + SHIFT + U</b>	Uppercases the selected text.	<b>Build.BuildSolution</b>	<b>F7 or CTRL + SHIFT + B</b>	Builds the solution.	<b>Edit.GoToDefinition</b>	<b>F12</b>	Goes to definition.
<b>Edit.View-WhiteSpace</b>	<b>CTRL + R, CTRL + W or CTRL + SHIFT + 8</b>	Uses glyphs to represent the white spaces in the editor.	<b>Build.Rebuild-Solution</b>	<b>CTRL + ALT + F7</b>	Rebuilds the solution.	<b>View.CodeDefinitionWindow</b>	<b>CTRL + \, D or CTRL + SHIFT + V</b>	Brings up a window that is constantly updating with the definition of the selected symbols.
<b>Edit.Comment-Selection</b>	<b>CTRL + K, CTRL + C</b>	Comments selected text.	<b>Build.Cancel</b>	<b>CTRL + BREAK</b>	Cancels the build process.	<b>Edit.GoTo-Declaration</b>	<b>CTRL + F12</b>	Goes to declaration.
<b>Edit.Uncomment-Selection</b>	<b>CTRL + K, CTRL + U</b>	Uncomments selected text.	IntelliSense			<b>Edit.GoTo-Declaration</b>	<b>&lt;unassigned&gt;</b>	Searches all references to the current symbol.
<b>Edit.HideSelection</b>	<b>CTRL + M, CTRL + H</b>	Creates an outline for the selected text and collapses it.	<b>Edit.CompleteWord</b>	<b>CTRL + SPACEBAR or ALT + RIGHT ARROW</b>	Completes the current word or shows the IntelliSense® completion list.	<b>Edit.FindAll-References</b>	<b>&lt;unassigned&gt;</b>	Searches all references to the current symbol.
<b>Edit.Cycle-ClipboardRing</b>	<b>CTRL + SHIFT + INS</b>	Cycles through the Clipboard ring.	<b>Edit.ParameterInfo</b>	<b>CTRL + SHIFT + SPACEBAR</b>	Displays the name, return value, and parameters of the function call.	<b>View.Navigate-Backward</b>	<b>CTRL + HYPHEN (-)</b>	Moves to the previously browsed line of code.
<b>Edit.Copy-ParameterTip</b>	<b>CTRL + SHIFT + ALT + C</b>	Copies to clipboard the list of parameters.	<b>Edit.ListMembers</b>	<b>CTRL + J or CTRL + ALT + T</b>	Shows only members in the IntelliSense completion list.	<b>View.Navigate-Forward</b>	<b>CTRL + SHIFT + HYPHEN (-)</b>	Moves to the next browsed line of code.
<b>Edit.Paste-ParameterTip</b>	<b>CTRL + SHIFT + ALT + P</b>	Pastes in the editor the list of parameters.	<b>Edit.QuickInfo</b>	<b>CTRL + K, CTRL + I</b>	Displays the complete declaration of the identifier under cursor.	<b>Tools.GoTo-CommandLine</b>	<b>CTRL + /</b>	Allows running of commands from the <b>Find</b> text box. (For a list of available commands see "Command Aliases" below.)
<b>File.CopyFullPath</b>	<b>&lt;unassigned&gt;</b>	Copies to clipboard the full path of the selected file.	Bookmarks			<b>Window.ShowEz-MDIFileList</b>	<b>CTRL + ALT + DOWN ARROW</b>	Shows a list of files currently opened in the editor.
<b>Edit.HideSelection</b>	<b>CTRL + M, CTRL + H</b>	Collapses current selection to an outlining region.	<b>Edit.Toggle-Bookmark</b>	<b>CTRL + K, CTRL + K or CTRL + F2</b>	Toggles a bookmark on the current line.	Windows		
<b>Edit.Toggle-AllOutlining</b>	<b>CTRL + M, L</b>	Toggles all previously collapsed outlining regions between collapsed and expanded states.	<b>Edit.NextBookmark</b>	<b>CTRL + K, CTRL + N or F2</b>	Moves to the next bookmark.	<b>View.Solution-Explorer</b>	<b>CTRL + ALT + L</b>	Displays the <b>Solution Explorer</b> window.
<b>Edit.Toggle-OutliningExpansion</b>	<b>CTRL + M, M</b>	Toggles the currently selected collapsed region between the collapsed and expanded state.	<b>Edit.Previous-Bookmark</b>	<b>CTRL + K, CTRL + P or SHIFT + F2</b>	Moves to the previous bookmark.	<b>View.Properties-Window</b>	<b>ALT + ENTER</b>	Displays the <b>Properties</b> window.
<b>Edit.Format-Selection</b>	<b>CTRL + K, F or CTRL + E, F</b>	Formats the current selection according to the indentation and code formatting settings specified on the <b>Formatting</b> pane under <b>Tools   Options   Text Editor   C/C++</b> .	<b>Edit.NextBookmarkInFolder</b>	<b>CTRL + SHIFT + K, CTRL + SHIFT + N</b>	Moves to the next bookmark in the current folder.	<b>View.Output</b>	<b>CTRL + ALT + O or ALT + 2</b>	Displays the <b>Output</b> window.
<b>Edit.&lt;Direction&gt;ExtendColumn</b>	<b>SHIFT + ALT + &lt;ARROW KEY&gt;</b>	Creates a column selection instead of a stream selection.	<b>Edit.PreviousBookmarkInFolder</b>	<b>CTRL + SHIFT + K, CTRL + SHIFT + P</b>	Moves to the previous bookmark in the current folder.	<b>View.ErrorList</b>	<b>CTRL + \, E</b>	Displays the <b>Error List</b> window.
			<b>View.Bookmark-Window</b>	<b>CTRL + K, CTRL + W</b>	Shows the <b>Bookmarks</b> window.	<b>View.ZoomIn, View.ZoomOut</b>	<b>CTRL + SHIFT + PERIOD (.) and CTRL + SHIFT + COMMA (,)</b>	Increases or decreases the view size of the contents in the editor.
			<b>Edit.ToggleTaskList-Shortcut</b>	<b>CTRL + K, CTRL + H</b>	Toggles Task List shortcut.	<b>View.CallHierarchy</b>	<b>CTRL + ALT + K</b>	Displays the <b>Call Hierarchy</b> window, which lists the callers and callees to a method.

<b>Window.CloseTool-Window</b>	<b>SHIFT + ESC</b>	Closes the current tool window.
<b>Project.Properties</b>	<b>ALT + F7</b>	Displays the <b>Project Properties</b> dialog box.
<b>View.ClassView</b>	<b>CTRL + SHIFT + C</b>	Displays the <b>Class View</b> window.
<b>View.Command-Window</b>	<b>CTRL + ALT + A</b>	Displays the <b>Command</b> window. (For a list of available commands see "Command Aliases" section.)

## Debugging

<b>Debug.Start</b>	<b>F5</b>	Launches the application under the debugger.
<b>Debug.StartWith-outDebugging</b>	<b>CTRL + F5</b>	Launches the application without invoking the debugger.
<b>Debug.Stop-Debugging</b>	<b>SHIFT + F5</b>	Stops debugging.
<b>Tools.AttachTo-Process</b>	<b>CTRL + ALT + P</b>	Displays the <b>Attach to Process</b> dialog box.
<b>Debug.DetachAll</b>	<b>&lt;unassigned&gt;</b>	Detaches from all processes.
<b>Debug.BreakAll</b>	<b>CTRL + ALT + BREAK</b>	Breaks all executing threads.
<b>Debug.BreakAt-Function</b>	<b>CTRL + B</b>	Creates a new function breakpoint.
<b>Debug.Toggle-Breakpoint</b>	<b>F9</b>	Toggles breakpoint at current line.
<b>Debug.StepInto</b>	<b>F11</b>	Executes next statement and follows execution into method calls.
<b>Debug.StepOver</b>	<b>F10</b>	Executes next statement.
<b>Debug.StepOut</b>	<b>SHIFT + F11</b>	Executes the remaining statements of the currently debugged function.
<b>Debug.RunTo-Cursor</b>	<b>CTRL + F10</b>	Runs the application until it reaches the statement under the cursor.
<b>Debug.QuickWatch</b>	<b>CTRL + ALT + Q</b> or <b>SHIFT + F9</b>	Displays <b>QuickWatch</b> window.
<b>Debug.SetNext-Statement</b>	<b>CTRL + SHIFT + F10</b>	Sets the current statement to be the next executed statement.
<b>Debug.ShowNext-Statement</b>	<b>ALT + NUM *</b>	Shows the next statement.
<b>Debug.Exceptions</b>	<b>CTRL + ALT + E</b>	Shows the <b>Exceptions</b> dialog box.
<b>Debug.Toggle-Disassembly</b>	<b>CTRL + F11</b>	Toggles between disassembly and <b>User Code</b> view.

## Debugger Windows

<b>Debug.Threads</b>	<b>CTRL + ALT + H</b>	Displays the <b>Thread List</b> window.
<b>Debug.Immediate</b>	<b>CTRL + ALT + I</b>	Displays the <b>Immediate</b> window.
<b>Debug.Locals</b>	<b>CTRL + ALT + V, L</b> or <b>ALT + 4</b>	Displays the <b>Locals</b> window.
<b>Debug.CallStack</b>	<b>CTRL + ALT + C</b> or <b>ALT + 7</b>	Displays the <b>Call Stack</b> window.

<b>Debug.Autos</b>	<b>CTRL + ALT + V, A</b>	Displays the <b>Autos</b> window.
<b>Debug.Breakpoints</b>	<b>CTRL + ALT + B</b> or <b>ALT + F9</b>	Displays the list of breakpoints.
<b>Debug.Disassembly</b>	<b>ALT + 8</b>	Shows the disassembly code.
<b>Debug.Modules</b>	<b>CTRL + ALT + U</b>	Displays the list of modules.
<b>Debug.Processes</b>	<b>CTRL + ALT + Z</b> or <b>CTRL + SHIFT + ALT + P</b>	Displays the list of debugged processes.
<b>Debug.Memory1</b>	<b>CTRL + ALT + M, 1</b>	Displays the <b>Memory</b> window.
<b>Debug.Watch</b>	<b>CTRL + ALT + W, 1</b> or <b>ALT + 3</b>	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+.).	
<b>Debug.Print</b>	<b>? &lt;expression&gt;</b>	Evaluates expression and prints the result to the <b>Command</b> window.
<b>Debug.QuickWatch</b>	<b>?? &lt;expression&gt;</b>	Evaluates expression in the <b>QuickWatch</b> window.
<b>Debug.Autos</b>	<b>autos</b>	Displays the <b>Autos</b> window.
<b>Debug.Breakpoints</b>	<b>bl</b>	Displays the <b>Breakpoints</b> window.
<b>Debug.Toggle-Breakpoint</b>	<b>bp</b>	Toggles breakpoint on current line.
<b>Debug.CallStack</b>	<b>callstack</b>	Displays the <b>Call Stack</b> window.
<b>Debug.ListMemory</b>	<b>d [/Count:&lt;n&gt;] &lt;address&gt;</b>	Lists the content of the memory at the specified address (list only n elements).
<b>Debug.ListMemory /Format:OneByte</b>	<b>db &lt;address&gt;</b>	Lists the content of the memory as an array of bytes.
<b>Debug.ListMemory /Format:FourBytes</b>	<b>dd &lt;address&gt;</b>	Lists the content of the memory as an array of longs.
<b>Debug.Disassembly</b>	<b>disasm</b>	Switches to disassembly mode.
<b>Debug.Evaluate Statement</b>	<b>eval &lt;statement&gt;</b>	Evaluates and displays the given statement.
<b>Debug.Start</b>	<b>g [&lt;address&gt;]</b>	Starts debugger. Optionally suspends execution at the provided address.
<b>Tools.Immediate-Mode</b>	<b>immed</b>	Displays the <b>Immediate</b> window.
<b>Debug.ListCallStack</b>	<b>k [Thread:&lt;n&gt;] [&lt;frame&gt;]</b>	Prints the call stack or sets thread's current frame to the specified frame.
<b>Debug.Locals</b>	<b>locals</b>	Displays the <b>Locals</b> window.
<b>Tools.LogCommand WindowOutput</b>	<b>log [&lt;filename&gt;] [/off]</b>	Starts logging all input and output from the <b>Command</b> window. <b>/off</b> stops logging.
<b>Debug.SetRadix</b>	<b>n [hex dec]</b>	Sets or returns the numeric base used to display integers.
<b>View.WebBrowser</b>	<b>nav &lt;url&gt; [/new] [/ext]</b>	Displays the internal Web browser. <b>/new</b> will create a new tab. <b>/ext</b> will open the external browser.

<b>File.NewFile</b>	<b>nf [&lt;filename&gt;]</b>	Creates a new file with the specified name.
<b>File.OpenFile</b>	<b>of &lt;file&gt; [/e:&lt;editor&gt;]</b>	Opens an existing file and allows specifying of the editor type.
<b>File.OpenProject</b>	<b>op [&lt;projname&gt;]</b>	Opens an existing project.
<b>Debug.StepOver</b>	<b>p</b>	Executes next statement without following execution into method calls.
<b>Debug.StepOut</b>	<b>pr</b>	Executes the remaining statements of the currently debugged function.
<b>Debug.Stop-Debugging</b>	<b>q</b>	Stops debugging.
<b>Debug.ListRegisters</b>	<b>r</b>	Prints the register values.
<b>Debug.RunToCursor</b>	<b>rtc</b>	Runs the application until it reaches the statement under the cursor.
<b>Tools.Shell</b>	<b>shell [dir:&lt;dir&gt;] &lt;path&gt; [&lt;args&gt;]</b>	Launches an application with the specified arguments.
<b>Debug.StepInto</b>	<b>t</b>	Executes next statement and follows execution into method calls.
<b>Debug.Threads</b>	<b>threads</b>	Displays the <b>Threads</b> window.
<b>Debug.List-Disassembly</b>	<b>u</b>	Lists the disassembly for the next statements.
<b>Debug.Watch</b>	<b>watch</b>	Displays the <b>Watch</b> window.
<b>Debug.List-Processes</b>	<b> </b>	Lists the debugged processes to the <b>Command</b> window.
<b>Debug.ListThreads</b>	<b>~</b>	Lists the threads in the debugged process to the <b>Command</b> window.
<b>Debug.ListCallStack /AllThreads</b>	<b>~*k</b>	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>

