

Shortcuts Visual Studio

General

Ctrl-X or Shift-Delete: Cuts the currently selected item to the clipboard

Ctrl-C or Ctrl-Insert: Copies the currently selected item to the clipboard

Ctrl-V or Shift-Insert: Pastes the item in the clipboard at the cursor

Ctrl-Z or Alt-Backspace: Undo previous editing action

Ctrl-Y or Ctrl-Shift-Z: Redo the previous undo action

Ctrl-Shift-V or Ctrl-Shift-Insert: Pastes an item from the clipboard ring tab of the Toolbox at the cursor in the file and automatically selects the pasted item. Cycle through the items on the clipboard by pressing the shortcut keys repeatedly

Esc: Closes a menu or dialog, cancels an operation in progress, or places focus in the current document window

Ctrl-S: Saves the selected files in the current project (usually the file that is being edited)

Ctrl-Shift-S: Saves all documents and projects

Ctrl-P: Displays the Print dialog

F7: Switches from the design view to the code view in the editor

Shift-F7: Switches from the code view to the design view in the editor

F8: Moves the cursor to the next item, for example in the TaskList window or Find Results window

Shift-F8: Moves the cursor to the previous item, for example in the TaskList window or Find Results window

Shift-F12: Finds a reference to the selected item or the item under the cursor

Ctrl-Shift-G: Opens the file whose name is under the cursor or is currently selected

Ctrl-/: Switches focus to the Find/Command box on the Standard toolbar

Ctrl-Shift-F12: Moves to the next task in the TaskList window

Ctrl-Shift-8: Moves backward in the browse history. Available in the object browser or Class View window

Alt-Left Arrow: Go back in the web browser history

Alt-Right Arrow: Go forward in the web browser history

Text navigation

Left Arrow: Moves the cursor one character to the left

Right Arrow: Moves the cursor one character to the right

Down Arrow: Moves the cursor down one line

Up Arrow: Moves the cursor up one line

Page Down: Scrolls down one screen in the editor window

Page Up: Scrolls up one screen in the editor window

End: Moves the cursor to the end of the current line

Home Moves the cursor to the beginning of the line. If you press Home when the cursor is already at the start of the line, it will toggle the cursor between the first non-whitespace character and the real start of the line

Ctrl-End: Moves the cursor to the end of the document

Ctrl-Home: Moves the cursor to the start of the document

Ctrl-G: Displays the Go to Line dialog. If the debugger is running, the dialog also lets you specify addresses or function names to go to

Ctrl-]: Moves the cursor to the matching brace in the document. If the cursor is on an opening brace, this will move to the corresponding closing brace and vice versa

Ctrl-K, Ctrl-N: Moves to the next bookmark in the document

Ctrl-K, Ctrl-P: Moves to the previous bookmark

Ctrl-K, Ctrl-I: Displays Quick Info, based on the current language

Ctrl-Down Arrow: Scrolls text down one line but does not move the cursor. This is useful for scrolling more text into view without losing your place. Available only in text editors

Ctrl-Up Arrow: Scrolls text up one line but does not move the cursor. Available only in text editors

Ctrl-Right Arrow: Moves the cursor one word to the right
Ctrl-Left Arrow: Moves the cursor one word to the left
Ctrl-Shift-1: Navigates to the next definition, declaration, or reference of an item. Available in the object browser and Class View window. Also available in source editing windows if you have already used the Edit. GoToReference (Shift-F12) shortcut
Ctrl-Shift-2 Navigates to the previous definition, declaration, or reference of an item

Text manipulation

Enter: Inserts a new line
Delete: Deletes one character to the right of the cursor
Insert: Toggles between insert and overtype insertion modes
Tab: Indents the currently selected line or lines by one tab stop. If there is no selection, this inserts a tab stop
Shift-Tab: Moves current line or selected lines one tab stop to the left
Backspace or Shift-Backspace: Deletes one character to the left of the cursor
Ctrl-K, Ctrl-C: Marks the current line or selected lines of code as a comment, using the correct comment syntax for the programming language
Ctrl-K, Ctrl-U: Removes the comment syntax from the current line or currently selected lines of code
Ctrl-T or Shift-Enter: Swaps the characters on either side of the cursor. (For example, AC|BD becomes AB|CD.) Available only in text editors
Ctrl-K, Ctrl-L: Removes all unnamed bookmarks in the current document
Ctrl-M, Ctrl-O: Automatically determines logical boundaries for creating regions in code, such as procedures, and then hides them. This collapses all such regions in the current document
Alt-Right Arrow or Ctrl-Spacebar: Displays statement completion based on the current language or autocompletes word if existing text unambiguously identifies a single symbol
Ctrl-K, Ctrl-A: Removes horizontal whitespace in the selection or deletes whitespace adjacent to the cursor if there is no selection
Ctrl-K, Ctrl-F: Applies the indenting and space formatting for the language as specified on the Formatting pane of the language in the Text Editor section of the Options dialog to the selected text.
Ctrl-L: Cuts all selected lines or the current line if nothing has been selected to the clipboard
Ctrl-Shift-L: Deletes all selected lines or the current line if no selection has been made
Ctrl-Enter: Inserts a blank line above the cursor
Ctrl-Shift-Enter: Inserts a blank line below the cursor
Shift-Alt-T: Moves the line containing the cursor below the next line
Ctrl-J: Lists members for statement completion when editing code
Ctrl-U: Changes the selected text to lowercase characters
Ctrl-Shift-U: Changes the selected text to uppercase characters
Ctrl-Shift-Spacebar: Displays a tooltip that contains information for the current parameter, based on the current language
Ctrl-M, Ctrl-U: Removes the outlining information for the currently selected region
Ctrl-M, Ctrl-P: Removes all outlining information from the entire document
Ctrl-R, Ctrl-P: Swaps the anchor and endpoint of the current selection
Ctrl-M, Ctrl-L: Toggles all previously marked hidden text sections between hidden and display states
Ctrl-K, Ctrl-K: Sets or removes a bookmark at the current line
Ctrl-M, Ctrl-M: Toggles the currently selected hidden text section or the section containing the cursor if there is no selection between the hidden and display states
Ctrl-K, Ctrl-H: Sets or removes a shortcut in the tasklist to the current line
Ctrl-R, Ctrl-R: Enables or disables word wrap in an editor
Ctrl-R, Ctrl-W: Shows or hides spaces and tab marks
Ctrl-Delete: Deletes the word to the right of the cursor
Ctrl-Backspace: Deletes the word to the left of the cursor
Ctrl-Shift-T: Transposes the two words that follow the cursor. (For example, |End Sub would be changed to read Sub End|.)

Text selection

Shift-Left Arrow: Moves the cursor to the left one character, extending the selection
Shift-Alt-Left Arrow: Moves the cursor to the left one character, extending the column selection
Shift-Right Arrow: Moves the cursor to the right one character, extending the selection
Shift-Alt-Right Arrow: Moves the cursor to the right one character, extending the column selection
Ctrl-Shift-End: Moves the cursor to the end of the document, extending the selection
Ctrl-Shift-Home: Moves the cursor to the start of the document, extending the selection
Ctrl-Shift-J: Moves the cursor to the next brace, extending the selection
Shift-Down Arrow: Moves the cursor down one line, extending the selection
Shift-Alt-Down Arrow: Moves the cursor down one line, extending the column selection
Shift-End: Moves the cursor to the end of the current line, extending the selection
Shift-Alt-End: Moves the cursor to the end of the line, extending the column selection
Shift-Home: Moves the cursor to the start of the line, extending the selection
Shift-Alt-Home: Moves the cursor to the start of the line, extending the column selection
Shift-Up Arrow: Moves the cursor up one line, extending the selection
Shift-Alt-Up Arrow: Moves the cursor up one line, extending the column selection
Shift-Page Down: Extends selection down one page
Shift-Page Up: Extends selection up one page
Ctrl-A: Selects everything in the current document
Ctrl-W: Selects the word containing the cursor or the word to the right of the cursor
Ctrl-=: Selects from the current location in the editor back to the previous location in the navigation history
Ctrl-Shift-Page Down: Moves the cursor to the last line in view, extending the selection
Ctrl-Shift-Page Up: Moves the cursor to the top of the current window, extending the selection
Ctrl-Shift-Alt-Right Arrow: Moves the cursor to the right one word, extending the column selection
Ctrl-Shift-Left Arrow: Moves the cursor one word to the left, extending the selection
Ctrl-Shift-Alt-Left Arrow: Moves the cursor to the left one word, extending the column selection

Project related

Ctrl-Shift-B: Builds the solution
Ctrl-N: Displays the New File dialog. Note: files created this way are not associated with a project. Use Ctrl-Shift-A to add a new file in a project
Ctrl-Shift-N: Displays the New Project dialog
Ctrl-O: Displays the Open File dialog
Ctrl-Shift-O: Displays the Open Project dialog
Shift-Alt-A: Displays the Add Existing Item dialog
Ctrl-Shift-A: Displays the Add New Item dialog
Ctrl-Alt-Insert: Allows you to override base class methods in a derived class when an overridable method is highlighted in the Class View pane

Window manipulation

Shift-Alt-Enter: Toggles full screen mode
Ctrl-+: Goes back to the previous location in the navigation history. (For example, if you press Ctrl-Home to go to the start of a document, this shortcut will take the cursor back to wherever it was before you pressed Ctrl-Home.)
Ctrl-Shift-+: Moves forward in the navigation history. This is effectively an undo for the View.NavigateBackward operation
Ctrl-F4: Closes the current MDI child window
Shift-Esc: Closes the current tool window
Ctrl-F2: Moves the cursor to the navigation bar at the top of a code view
Ctrl-Tab: Cycles through the MDI child windows one window at a time
Ctrl-F6, Ctrl-Shift-Tab: Moves to the previous MDI child window

Alt-F6, Ctrl-Shift-F6: Moves to the next tool window
Shift-Alt-F6: Moves to the previously selected window
F6: Moves to the next pane of a split pane view of a single document
Shift-F6: Moves to the previous pane of a document in split pane view
Ctrl-Pagedown: Moves to the next tab in the document or window (e.g., you can use this to switch the HTML editor from its design view to its HTML view)
Ctrl-PageUp: Moves to the previous tab in the document or window

Control editor (designer)

Ctrl-Down Arrow: Moves the selected control down in increments of one on the design surface
Down Arrow: Moves the selected control down to the next grid position on the design surface
Ctrl-Left Arrow: Moves the control to the left in increments of one on the design surface
Left Arrow: Moves the control to the left to the next grid position on the design surface
Ctrl-Right Arrow: Moves the control to the right in increments of one on the design surface
Right Arrow: Moves the control to the right into the next grid position on the design surface
Ctrl-Up Arrow: Moves the control up in increments of one on the design surface
Up Arrow: Moves the control up into the next grid position on the design surface
Tab: Moves to the next control in the tab order
Shift-Tab: Moves to the previous control in the tab order
Ctrl-Shift-Down:
Arrow: Increases the height of the control in increments of one on the design surface
Shift-Down Arrow: Increases the height of the control to the next grid position on the design surface
Ctrl-Shift-Left Arrow: Reduces the width of the control in increments of one on the design surface
Shift-Left Arrow: Reduces the width of the control to the next grid position on the design surface
Ctrl-Shift-Right Arrow: Increases the width of the control in increments of one on the design surface
Shift-Right Arrow: Increases the width of the control to the next grid position on the design surface
Ctrl-Shift-Up Arrow: Decreases the height of the control in increments of one on the design surface
Shift-Up Arrow: Decreases the height of the control to the next grid position on the design surface

Search and replace

Ctrl-F: Displays the Find dialog
Ctrl-Shift-F: Displays the Find in Files dialog
F3: Finds the next occurrence of the previous search text
Ctrl-F3: Finds the next occurrence of the currently selected text or the word under the cursor if there is no selection
Shift-F3: Finds the previous occurrence of the search text
Ctrl-Shift-F3: Finds the previous occurrence of the currently selected text or the word under the cursor
Ctrl-D: Places the cursor in the Find/Command line on the Standard toolbar
Alt-F3, H: Selects or clears the Search Hidden Text option for the Find dialog
Ctrl-I: Starts an incremental search—after pressing Ctrl-I, you can type in text, and for each letter you type, VS.NET will find the first occurrence of the sequence of letters you have typed so far. This is a very convenient facility, as it lets you find text by typing in exactly as many characters as are required to locate the text and no more. If you press Ctrl-I a second time without typing any characters, it recalls the previous pattern. If you press it a third time or you press it when an incremental search has already found a match, VS.NET searches for the next occurrence.
Alt-F3, C: Selects or clears the Match Case option for Find and Replace operations
Alt-F3, R: Selects or clears the Regular Expression option so that special characters can be used in Find and Replace operations
Ctrl-H: Displays the Replace dialog
Ctrl-Shift-H: Displays the Replace in Files dialog
Ctrl-Shift-I: Performs an incremental search in reverse direction
Alt-F3, S: Halts the current Find in Files operation
Alt-F3, B: Selects or clears the Search Up option for Find and Replace operations

Alt-F3, W: Selects or clears the Match Whole Word option for Find and Replace operations
Alt-F3, P: Selects or clears the Wildcard option for Find and Replace operations

Help

Ctrl-Alt-F1: Displays the Contents window for the documentation

Ctrl-F1: Displays the Dynamic Help window, which displays different topics depending on what items currently have focus. If the focus is in a source window, the Dynamic Help window will display help topics that are relevant to the text under the cursor

F1: Displays a topic from Help that corresponds to the part of the user interface that currently has the focus. If the focus is in a source window, Help will try to display a topic relevant to the text under the cursor

Ctrl-Alt-F2: Displays the Help Index window

Shift-Alt-F2: Displays the Index Results window, which lists the topics that contain the keyword selected in the Index window

Alt-Down Arrow: Displays the next topic in the table of contents. Available only in the Help browser window

Alt-Up Arrow: Displays the previous topic in the table of contents. Available only in the Help browser window

Ctrl-Alt-F3: Displays the Search window, which allows you to search for words or phrases in the documentation

Shift-Alt-F3: Displays the Search Results window, which displays a list of topics that contain the string searched for from the Search window.

Shift-F1: Displays a topic from Help that corresponds to the user interface item that has the focus

Debugging

Ctrl-Alt-V, A: Displays the Auto window to view the values of variables currently in the scope of the current line of execution within the current procedure

Ctrl-Alt-Break: Temporarily stops execution of all processes in a debugging session. Available only in run mode

Ctrl-Alt-B: Displays the Breakpoints dialog, where you can add and modify breakpoints

Ctrl-Alt-C: Displays the Call Stack window to display a list of all active procedures or stack frames for the current thread of execution. Available only in break mode

Ctrl-Shift-F9: Clears all of the breakpoints in the project

Ctrl-Alt-D: Displays the Disassembly window

Ctrl-F9: Enables or disables the breakpoint on the current line of code. The line must already have a breakpoint for this to work

Ctrl-Alt-E: Displays the Exceptions dialog

Ctrl-Alt-I: Displays the Immediate window, where you can evaluate expressions and execute individual commands

Ctrl-Alt-V, L: Displays the Locals window to view the variables and their values for the currently selected procedure in the stack frame

Ctrl-Alt-M, 1: Displays the Memory 1 window to view memory in the process being debugged. This is particularly useful when you do not have debugging symbols available for the code you are looking at. It is also helpful for looking at large buffers, strings, and other data that does not display clearly in the Watch or Variables window

Ctrl-Alt-M, 2: Displays the Memory 2 window

Ctrl-Alt-M, 3: Displays the Memory 3 window

Ctrl-Alt-M, 4: Displays the Memory 4 window

Ctrl-Alt-U: Displays the Modules window, which allows you to view the .dll or .exe files loaded by the program. In multiprocess debugging, you can right-click and select Show Modules for all programs

Ctrl-B: Opens the New Breakpoint dialog

Ctrl-Alt-Q: Displays the Quick Watch dialog with the current value of the selected expression.

Available only in break mode. Use this command to check the current value of a variable, property, or other expression for which you have not defined a watch expression

Ctrl-Alt-G: Displays the Registers window, which displays CPU register contents

Ctrl-Shift-F5: Terminates the current debugging session, rebuilds if necessary, and then starts a new debugging session. Available in break and run modes

Ctrl-Alt-N: Displays the Running Documents window that displays the set of HTML documents that you are in the process of debugging. Available in break and run modes

Ctrl-F10: Starts or resumes execution of your code and then halts execution when it reaches the selected statement. This starts the debugger if it is not already running

Ctrl-Shift-F10: Sets the execution point to the line of code you choose

Alt-NUM *: Highlights the next statement to be executed

F5: If not currently debugging, this runs the startup project or projects and attaches the debugger. If in break mode, this allows execution to continue (i.e., it returns to run mode).

Ctrl-F5: Runs the code without invoking the debugger. For console applications, this also arranges for the console window to stay open with a "Press any key to continue" prompt when the program finishes

F11: Executes code one statement at a time, tracing execution into function calls

Shift-F11: Executes the remaining lines of a function in which the current execution point lies

F10: Executes the next line of code but does not step into any function calls

Shift-F5: Available in break and run modes, this terminates the debugging session

Ctrl-Alt-V, T: Displays the This window, which allows you to view the data members of the object associated with the current method

Ctrl-Alt-H: Displays the Threads window to view all of the threads for the current process

F9: Sets or removes a breakpoint at the current line

Ctrl-F11: Displays the disassembly information for the current source file. Available only in break mode

Ctrl-Alt-W, 1: Displays the Watch 1 window to view the values of variables or watch expressions

Ctrl-Alt-W, 2: Displays the Watch 2 window

Ctrl-Alt-W, 3: Displays the Watch 3 window

Ctrl-Alt-W, 4: Displays the Watch 4 window

Ctrl-Alt-P: Displays the Processes dialog, which allows you to attach or detach the debugger to one or more running processes

Object browser

Alt-F12: Displays the Find Symbol dialog

Ctrl-F12: Displays the declaration of the selected symbol in the code

F12: Displays the definition for the selected symbol in code

Ctrl-Alt-F12: Displays the Find Symbol Results window

Ctrl-Alt-J: Displays the Object Browser to view the classes, properties, methods, events, and constants defined either in your project or by components and type libraries referenced by your project

Alt-+: Moves back to the previously selected object in the selection history of the object browser

Shift-Alt-+: Moves forward to the next object in the selection history of the object browser

Tool window

Ctrl-Shift-M: Toggles the Command window into or out of a mode allowing text within the window to be selected

Ctrl-Shift-C: Displays the Class View window

Ctrl-Alt-A: Displays the Command window, which allows you to type commands that manipulate the IDE

Ctrl-Alt-T: Displays the Document Outline window to view the flat or hierarchical outline of the current document

Ctrl-Alt-F: Displays the Favorites window, which lists shortcuts to web pages

Ctrl-Alt-O: Displays the Output window to view status messages at runtime

F4: Displays the Properties window, which lists the design-time properties and events for the currently selected item

Shift-F4: Displays the property pages for the item currently selected. (For example, use this to show a project's settings.)

Ctrl-Shift-E: Displays the Resource View window

Ctrl-Alt-S: Displays the Server Explorer window, which allows you to view and manipulate database

servers, event logs, message queues, web services, and many other operating system services

Ctrl-Alt-R: Displays the web browser window, which allows you to view pages on the Internet

Ctrl-Alt-L: Displays the Solution Explorer, which lists the projects and files in the current solution

Ctrl-Alt-K: Displays the TaskList window, which displays tasks, comments, shortcuts, warnings, and error messages

Ctrl-Alt-X: Displays the Toolbox, which contains controls and other items that can be dragged into editor and designer windows

Html editor (Design View)

Ctrl-B: Toggles the selected text between bold and normal

Ctrl-Shift-T: Decreases the selected paragraph by one indent unit

Ctrl-T: Indents the selected paragraph by one indent unit

Ctrl-I: Toggles the selected text between italic and normal

Ctrl-Shift-K: Prevents an absolutely positioned element from being inadvertently moved. If the element is already locked, this unlocks it

Ctrl-G: Toggles the grid

Ctrl-Shift-G: Specifies that elements be aligned using an invisible grid. You can set grid spacing on the Design pane of HTML designer options in the Options dialog, and the grid will be changed the next time you open a document

Ctrl-U: Toggles the selected text between underlined and normal

Ctrl-Shift-L: Displays the Bookmark dialog

Ctrl-J: Inserts <div></div> in the current HTML document

Ctrl-L: When text is selected, displays the Hyperlink dialog

Ctrl-Shift-W: Displays the Insert Image dialog

Ctrl-Alt-Up Arrow: Adds one row above the current row in the table

Ctrl-Alt-Down Arrow: Adds one row below the current row in the table

Ctrl-Alt-Left Arrow: Adds one column to the left of the current column in the table

Ctrl-Alt-Right Arrow: Adds one column to the right of the current column in the table

Ctrl-Shift-Q: Toggles display of marker icons for HTML elements that do not have a visual representation, such as comments, scripts, and anchors for absolutely positioned elements

Ctrl-Page Down: Switches from design view to HTML view and vice versa

Ctrl-Q: Displays a 1-pixel border around HTML elements that support a BORDER attribute and have it set to zero, such as tables, table cells, and divisions

Alt-F8: Displays the Macro Explorer window, which lists all available macros

Alt-F11: Launches the macros IDE

Ctrl-Shift-R: Places the environment in macro record mode or completes recording if already in record mode

Ctrl-Shift-P: Plays back a recorded macro