

Microsoft® Visual C#® Default Key Bindings

Editing		
Edit.CollapseTo-Definitions	CTRL + M, O	Collapses declaration bodies to provide a high-level view of the types and members in the source file.
Edit.HideSelection	CTRL + M, CTRL + H	Collapses current selection to an outlining region.
Edit.ToggleAll-Outlining	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.StopOutlining	CTRL + M, P	Removes all outlining information from the whole document.
Edit.Comment-Selection	CTRL + K, C or CTRL + E, C	Inserts // at the beginning of the current line or every line of the current selection.
Edit.Uncomment-Selection	CTRL + K, U or CTRL + E, U	Removes the // at the beginning of the current line or every line of the current selection.
Edit.Format-Document	CTRL + K, D or CTRL + E, D	Formats the current document according to the indentation and code formatting settings specified on the Formatting pane under Tools Options Text Editor C# .
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# .
Edit.InsertSnippet	CTRL + K, X	Displays the Code Snippet Picker. The selected code snippet will be inserted at the caret position.
Edit.SurroundWith	CTRL + K, S	Displays the Code Snippet Picker. The selected code snippet will be wrapped around the selected text.
Edit.InvokeSnippet-FromShortcut	TAB	Inserts the expanded code snippet from the shortcut name.
Edit.Cycle-ClipboardRing	CTRL + SHIFT + V	Pastes text from the Clipboard ring to the caret location in the file. Subsequent use of the shortcut key iterates through the items in the Clipboard ring.
Edit.Replace	CTRL + H	Displays the replace options in the Quick Replace tab of the Find and Replace dialog box.
Edit.ReplaceInFiles	CTRL + SHIFT + H	Displays the replace options on the Replace in Files tab of the Find and Replace dialog box.
View.Show-SmartTag	CTRL + PERIOD (.) or SHIFT + ALT + F10	Displays the available options on the Smart Tag menu.

Edit.Toggle-CompletionMode	CTRL + ALT + SPACEBAR	Toggles between suggestion mode (all commit characters except for tab leave entered text as-is, tab chooses a completion item in the list) and completion mode.
Edit.<Direction>ExtendColumn	SHIFT + ALT + <ARROW KEY>	Creates a box selection instead of a stream selection.
File		
File.NewProject	CTRL + SHIFT + N	Displays the New Project dialog box.
File.OpenProject	CTRL + SHIFT + O	Displays the Open Project dialog box, where existing projects can be added to the solution.
Project.AddClass	SHIFT + ALT + C	Displays the Add New Item dialog box and selects Class template as default.
Project.Add-ExistingItem	SHIFT + ALT + A	Displays the Add Existing Item dialog box, where existing files can be added to the current project.
Project.Add-NewItem	CTRL + SHIFT + A	Displays the Add New Item dialog box, where a new file can be added to the current project.
Window.ShowEz-MDIFileList	CTRL + ALT + DOWN ARROW	Displays a pop-up listing of all open documents.
IntelliSense		
Edit.CompleteWord	CTRL + SPACEBAR or CTRL + K, W	Completes the current word in the completion list.
Edit.ListMembers	CTRL + J or CTRL + K, L	Invokes the IntelliSense® completion list.
Edit.QuickInfo	CTRL + K, I	Displays the complete declaration for the specified identifier in your code in a Quick Info tooltip.
Edit.ParameterInfo	CTRL + SHIFT + SPACEBAR or CTRL K, P	Displays the name, number, and type of parameters required for the specified method.
Make Completion List Transparent	CTRL	Causes a visible completion list to become transparent.
Navigation		
Edit.NavigateTo	CTRL + COMMA (,)	Displays the NavigateTo window, which allows quick navigation to files, types, and members. The word at the caret seeds the search.
Edit.FindAll-References	SHIFT + F12 or CTRL + K, R	Displays a list of all references for the symbol selected.
Edit.GoToBrace	CTRL +]	Moves the caret location to the matching brace in the source file.

Edit.GoToDefinition	F12	Navigates to the declaration for the selected symbol in code.
Edit.GoToNext-Location	F8	Moves the caret to the next item, such as a task in the Task List window or a search match in the Find Results window. Subsequent invocations will move to the next item in the list.
Edit.Incremental-Search	CTRL + I	Activates incremental search. If incremental search is on, but no input is passed, the previous search query is used. If search input has been found, next invocation searches for the next occurrence of the input text.
Edit.FindNext, Edit.FindPrevious	F3 and SHIFT + F3	Searches again for the last search pattern in the direction specified.
Edit.FindNext-Selected, Edit.FindPrevious-Selected	CTRL + F3 and CTRL + SHIFT + F3	Sets the search pattern to the selected text, then search in the direction specified.
View.Forward-BrowseContext	CTRL + SHIFT + 7	Moves to the next item called in code in the current file. Uses the Go To Definition navigation stack.
View.PopBrowse-Context	CTRL + SHIFT + 8	Moves to the previous item called in code in the current file. Uses the Go To Definition navigation stack.
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.
Edit.FindInFiles	CTRL + SHIFT + F	Displays the Find in Files tab of the Find and Replace dialog box.
Edit.FindSymbol	ALT + F12	Displays the Find Symbol pane of the Find and Replace dialog box.
View.ViewCode	F7	Displays the selected item in Code view of the editor.
View.ViewDesigner, View.ViewMarkup	SHIFT + F7	Switches between Design and Source views for the current document
Window.MoveTo-NavigationBar	CTRL + F2	Moves focus to the drop-down bar located at the top of the editor when the editor is in Code view or Server Code view.
Edit.Find	CTRL + F	Displays the Find Quick tab of the Find and Replace dialog box.
Edit.GoTo	CTRL + G	Displays the Go to Line dialog box.
Edit.GoToFind-Combo	CTRL + /	Moves focus to the Find/Command box on the Standard toolbar.



EditorContext-
Menus.Code-
Window.ViewCall-
Hierarchy

CTRL + K, T

Brings focus to the **Call Hierarchy** window using the member at the caret as a top-level node.

Edit.NextHigh-
lightedReference,
Edit.PreviousHigh-
lightedReference

**CTRL + SHIFT +
DOWN ARROW**
and **CTRL + SHIFT
+ UP ARROW**

Moves the caret to the next or
previous highlighted identifier
matching the current one.

Window

View.ClassView

CTRL + W, C

Displays the **Class View** window.

View.Code-
DefinitionWindow

CTRL + W, D

Displays the **Code Definition**
window.

View.ErrorList

CTRL + W, E

Displays the **Error List** window.

View.ObjectBrowser

CTRL + W, J

Displays the **Object Browser**.

View.Output

CTRL + W, O

Displays the **Output** window, where
status messages can be viewed at
run time.

View.Properties-
Window

CTRL + W, P

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

View.Solution-
Explorer

CTRL + W, S

Displays **Solution Explorer**, which
lists the projects and files in the
current solution.

View.TaskList

CTRL + W, T

Displays the **Task List** window,
which displays custom tasks,
comments, shortcuts, warnings, and
error messages.

View.Toolbox

CTRL + W, X

Displays the **Toolbox**, which
contains controls that can be
included or used with your code.

View.ServerExplorer

CTRL + W, L

Displays **Server Explorer**, which lets
you view and manipulate database
servers, event logs, message
queues, Web services, and other
operating system services.

Window.CloseTool-
Window

SHIFT + ESC

Closes the current tool window.

Data.ShowData-
Sources

SHIFT + ALT + D

Displays the **Data Sources** window.

Window.Close-
DocumentWindow

CTRL + F4

Closes the current tab.

Window.NextDocu-
mentWindowNav

CTRL + TAB

Displays the **IDE Navigator**, with
the first document window selected.

View.CallHierarchy

CTRL + W, K

Displays the **Call Hierarchy**
window, which lists callers and
callees for a given member.

View.ZoomIn,
View.ZoomOut

**CTRL + SHIFT +
PERIOD (.)** and
**CTRL + SHIFT +
COMMA (,)**

Increases (>) or decreases (<) the
size of contents in the editor.

Debugging

Debug.Autos

CTRL + D, A

Displays the **Autos** window, which
displays variables used in the current line
of code and the preceding line of code.

Debug.CallStack

CTRL + D, C

Displays the **Call Stack** window,
which displays a list of all active
methods or stack frames for the
current thread of execution.

Debug.Immediate

CTRL + D, I

Displays the **Immediate** window,
where expressions can be evaluated.

Debug.Locals

CTRL + D, L

Displays the **Locals** window, which
displays the local variables and their
values for each method in the
current stack frame.

Debug.QuickWatch

CTRL + D, Q

Displays the **QuickWatch** dialog
box that has the current value of
the selected expression.

Debug.Start

F5

Launches the application under the
debugger based on the settings from
the startup project. When in Break
mode, invoking this command will run
the application until the next breakpoint.

Debug.Start-
WithoutDebugging

CTRL + F5

Launches the application without
invoking the debugger.

Debug.StepInto

F11

Executes code one statement at
a time, following execution into
method calls.

Debug.Step-
IntoSpecific

SHIFT + ALT + F11

Prompts to select which sub
expression to step into, regardless
of the tools options setting for
skipping properties and operators.

Debug.StepOut

SHIFT + F11

Executes the remaining lines of
a method in which the current
execution point is located.

Debug.StepOver

F10

Executes the next line of code, but
does not follow execution through
any method calls.

Debug.Stop-
Debugging

SHIFT + F5

Stops running the current
application under the debugger.

Debug.Toggle-
Breakpoint

F9

Sets or removes a breakpoint at
the current line.

Debug.Watch

CTRL + D, W

Displays the **Watch** window, which
displays the values of selected
variables or watch expressions.

Debug.Enable-
Breakpoint

CTRL + F9

Toggles the breakpoint between
disabled and enabled.

Make Datatip
Transparent

[CTRL]

Causes a visible datatip to become
transparent.

Test.RunTestsIn-
CurrentContext

CTRL + R, T

Runs the unit test containing
the caret.

Test.RunAllTests-
InSolution

CTRL + R, A

Runs all of the unit tests in
the solution.

Refactoring

Refactor.-
EncapsulateField

CTRL + R, E

Displays the **Encapsulate Field**
dialog box, which allows creation
of a property from an existing field
and updates all references to use
the new property.

Refactor.Extract-
Interface

CTRL + R, I

Displays the **Extract Interface**
dialog box, which allows creation
of a new interface with members
derived from an existing class,
struct, or interface.

Refactor.Extract-
Method

CTRL + R, M

Displays the **Extract Method** dialog
box, which allows creation of a new
method from the selected code.

Refactor.Remove-
Parameters

CTRL + R, V

Displays the **Remove Parameters**
dialog box, which allows removal of
parameters from methods, indexers,
or delegates by changing the
declaration at any locations where
the member is called.

Refactor.Rename

CTRL + R, R or F2

Displays the **Rename** dialog
box, which allows renaming all
references for an identifier.

Refactor.Reorder-
Parameters

CTRL + R, O

Displays the **Reorder Parameters**
dialog box, which allows changes
to the order of the parameters for
methods, indexers, and delegates.

Refactor!

**CTRL +
BACKQUOTE (`)**

Invokes available Developer Express
Inc. refactorings when it is installed.

Build

Build.BuildSolution

**F6 or
CTRL + SHIFT + B**

Builds all the projects in the
solution.

Build.BuildSelection

SHIFT + F6

Builds the selected project and its
dependencies.

Note: You can choose to use these key bindings from 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 individual key bindings, go to **Tools | Options | Environment | Keyboard**.

Microsoft

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