Microsoft® Visual C#® Default Keybindings

Microsoft® Visual Studio® 2008

Editing

Command	Keybinding	Description
Edit.CollapseToDefinitions	CTRL + M, O	Collapses existing regions to provide a high-level view of the types and members in the source file.
Edit.ToggleAllOutlining	CTRL + M, L	Toggles all previously collapsed outlining regions between collapsed and expanded states.
Edit.ToggleOutliningExpansion	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.CommentSelection	CTRL + K, C or CTRL + E, C	Inserts // at the beginning of the current line or every line of the current selection.
Edit.UncommentSelection	CTRL + K, U or CTRL + E, U	Removes the // at the beginning of the current line or every line of the current selection.
Edit.FormatDocument	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.FormatSelection	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 cursor position.
Edit.SurroundWith	CTRL + K, S	Displays the Code Snippet Picker. The selected code snippet will be wrapped around the selected text.
Edit. Invoke Snippet From Shortcut	TAB	Inserts the expanded code snippet from the shortcut name.
Edit.CycleClipboardRing	CTRL + SHIFT + V	Pastes text from the Clipboard ring to the cursor 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 tab of the Find and Replace dialog box.
Edit.ReplaceInFiles	CTRL + SHIFT + H	Displays the replace options on the In Files tab of the Find and Replace dialog box.
View.ShowSmartTag	CTRL + . or SHIFT + ALT + F10	Displays the available options on the smart tag menu.

File

Command	Keybinding	Description
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.AddExistingItem	SHIFT + ALT + A	Displays the Add Existing Item dialog box, where existing files can be added to the current project.
Project.AddNewItem	CTRL + SHIFT + A	Displays the Add New Item dialog box, where a new file can be added to the current project.
Window.ShowEzMDIFileList	CTRL + ALT + DOWN ARROW	Displays a pop-up listing of all open documents.
Edit.OpenFile	CTRL + O	Displays the Open File dialog box where a file can be opened. This does not add the file to the project.

IntelliSense

Command	Keybinding	Description
Edit.CompleteWord	CTRL + SPACE 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 tool tip.
Edit.ParameterInfo	CTRL + SHIFT + SPACE 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

Command	Keybinding	Description
Edit.FindAllReferences	SHIFT + F12 or CTRL + K, R	Displays a list of all references for the symbol selected.
Edit.GoToBrace	CTRL +]	Moves the cursor location to the matching brace in the source file.
Edit.GoToDefinition	F12	Navigates to the declaration for the selected symbol in code.
Edit.GoToNextLocation	F8	Moves the cursor 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.IncrementalSearch	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.
View.ClassViewGoToSearch, Combo	CTRL + K, CTRL + V	Brings focus to the Class View search box.
View.ForwardBrowseContext	CTRL + SHIFT + 7	Moves to the next item called in code in the current file. Uses the Go To Definition navigation stack.
View.PopBrowseContext	CTRL + SHIFT + 8	Moves to the previous item called in code in the current file. Uses the Go To Definition navigation stack.
View.NavigateBackward	CTRL + MINUS SIGN (-)	Moves to the previously browsed line of code.
View.NavigateForward	CTRL + SHIFT + MINUS SIGN (-)	Moves to the next browsed line of code.
Edit.FindInFiles	CTRL + SHIFT + F	Displays the 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	SHIFT + F7	Switches to Design view for the current document. Available only in Source view.
View.ViewMarkup	SHIFT + F7	Switches to Source view for the current document. Available only in Design view.
Window.MoveToNavigationBar	CTRL + F2	Moves the cursor to the drop-down bar located at the top of the code editor when the editor is in Code view or Server Code view.
Edit.Find	CTRL + F	Displays the Quick tab of the Find and Replace dialog box.
Edit.GoTo	CTRL + G	Displays the Go To Line dialog box.
Edit.GoToFindCombo	CTRL + /	Puts the cursor in the Find/Command box on the Standard toolbar.

Window

Command	Keybinding	Description
View.ClassView	CTRL + W, C	Displays the Class View window.
View.CodeDefinitionWindow	CTRL + W, D	Displays the Code Definition window.
View.CommandWindow	CTRL + W, A	Displays the Command window, where commands can be invoked to manipulate the integrated development environment (IDE).
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.PropertiesWindow	CTRL + W, P	Displays the Properties window, which lists the design-time properties and events for the currently selected item.
View.SolutionExplorer	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.CloseToolWindow	SHIFT + ESC	Closes the current tool window.
Data.ShowDataSources	SHIFT + ALT + D	Displays the Data Sources window.
Window.CloseDocument, Window	CTRL + F4	Closes the current tab.
Window.NextDocument, WindowNav	CTRL + TAB	Displays the IDE Navigator, with the first document window selected.

Refactoring

Command	Keybinding	Description
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.ExtractInterface	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.ExtractMethod	CTRL + R, M	Displays the Extract Method dialog box, which allows creation of a new method from the selected code.
Refactor.PromoteLocalVariableto-Parameter	CTRL + R, P	Moves a variable from a local usage to a method, indexer, or constructor parameter and updates all call sites appropriately.
Refactor.RemoveParameters	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.ReorderParameters	CTRL + R, O	Displays the Reorder Parameters dialog box, which allows changes to the order of the parameters for methods, indexers, and delegates.

Debugging

Command	Keybinding	Description
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 off of the settings from the startup project. When in Break mode, invoking this command will run the application until the next breakpoint.
Debug.StartWithoutDebugging	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.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.StopDebugging	SHIFT + F5	Stops running the current application under the debugger.
Debug.ToggleBreakpoint	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.EnableBreakpoint	CTRL + F9	Toggles the breakpoint between disabled and enabled.
Make Datatip Transparent	[CTRL]	Causes a visible datatip to become transparent.

Build

Command	Keybinding	Description
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.

Notes: These key bindings are only available through the Visual C# Development Settings. To change to the Visual C# Development settings, go to Tools \| Import and Export Settings and select Reset all Settings then select Visual C# Development Settings.
To customize the key bindings for these commands, go to Tools \| Options \| Environment \| Keyboard.

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Edit.FormatSelection	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 cursor position.
Edit.SurroundWith	CTRL + K, S	Displays the Code Snippet Picker. The selected code snippet will be wrapped around the selected text.
Edit. Invoke Snippet From Shortcut	TAB	Inserts the expanded code snippet from the shortcut name.
Edit.CycleClipboardRing	CTRL + SHIFT + V	Pastes text from the Clipboard ring to the cursor 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** tab of the **Find and Replace** dialog box.
Edit.ReplaceInFiles	CTRL + SHIFT + H	Displays the replace options on the **In Files** tab of the **Find and Replace** dialog box.
View.ShowSmartTag	CTRL + . or SHIFT + ALT + F10	Displays the available options on the smart tag menu.

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Command	Key	Description
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.AddExistingItem	SHIFT + ALT + A	Displays the **Add Existing Item** dialog box, where existing files can be added to the current project.
Project.AddNewItem	CTRL + SHIFT + A	Displays the **Add New Item** dialog box, where a new file can be added to the current project.
Window.ShowEzMDIFileList	CTRL + ALT + DOWN ARROW	Displays a pop-up listing of all open documents.
Edit.OpenFile	CTRL + O	Displays the **Open File** dialog box where a file can be selected to be opened. This does not add the file to the project.

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Edit.QuickInfo	CTRL + K, I	Displays the complete declaration for the specified identifier in your code in a Quick Info tool tip.
Edit.ParameterInfo	CTRL + SHIFT + SPACE 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.

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Edit.GoToNextLocation	F8	Moves the cursor 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.
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View.ClassViewGoToSearch, Combo	CTRL + K, CTRL + V	Brings focus to the **Class View** search box.
View.ForwardBrowseContext	CTRL + SHIFT + 7	Moves to the next item called in code in the current file. Uses the Go To Definition navigation stack.
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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	SHIFT + F7	Switches to **Design** view for the current document. Available only in **Source** view.
View.ViewMarkup	SHIFT + F7	Switches to **Source** view for the current document. Available only in **Design** view.
Window.MoveToNavigationBar	CTRL + F2	Moves the cursor to the drop-down bar located at the top of the code editor when the editor is in **Code** view or **Server Code** view.
Edit.Find	CTRL + F	Displays the **Quick** tab of the **Find and Replace** dialog box.
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