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

CodeRush Xpress is a free plug-in from Developer Express Inc., in partnership with Microsoft. CodeRush Xpress supports more than 50 refactoring features. See **www.devexpress.com/Products/Visual_Studio_Add-in/CodeRushX/** for more information.

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**.

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