

How do I collapse sections of code in Visual Studio Code for Windows?

▲ How do I fold or collapse sections of code in Visual Studio Code?

569 Is this feature supported?

▼ visual-studio-code

★
166

edited Dec 15 '18 at 17:59



Peter Mortensen

14.2k 19 88 115

asked May 6 '15 at 4:50



Nick

3,671 3 11 19

16 Answers

▲ [Folding](#) has been rolled out and is now implemented since Visual Studio Code [version 0.10.11](#). There are these keyboard shortcuts available:

981



- **Fold** folds the innermost uncollapsed region at the cursor:

- + + on Windows and Linux
- + + on macOS

- **Unfold** unfolds the collapsed region at the cursor:

- + + on Windows and Linux
- + + on macOS

- **Fold All** folds all regions in the editor:

- + , + (zero) on Windows and Linux

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-  + ,  +  on macOS

edited Mar 16 at 0:57



Nuno André

1,583 15 24

answered May 6 '15 at 13:00



Brocco

43k 8 58 72

@DouglasGaskell I made the same mistake. It is a zero not an o, Michael Fulton's Fold Level answer made more sense to me. – Dan Marshall Apr 13 '17 at 22:10

Don't know if its a Code version issue, a Windows version issue, or something else, but on my PC it only works with Right-Ctrl. You may want to note that! – Mars Jul 9 '18 at 1:54

- 1 Its basically Ctrl+K, Ctrl+[n] where n is the level number upto which you want to fold. Hence, if you are looking for an equivalent of Ctrl+M, Ctrl+O of VS(C#) on VSCode, it'll be Ctrl+K, Ctrl+3. – Yashash Gaurav Dec 11 '18 at 5:44

VS Code (version 1.33.1) has an option to always show cold folding controls. Press CTRL + , to bring up Settings, enter **folding** in 'search settings' box and you'll see the Show Folding Controls option there. – Darren Evans Apr 27 at 14:33



As of Visual Studio Code version 1.12.0, April 2017, see [Basic Editing > Folding](#) section in the docs.




176



The default keys are:





Fold All:  + ,  +  (zero)

Fold Level [n]:  + ,  + 

Unfold All:  + ,  + 

Fold Region:  + ,  + 

Unfold Region:  + ,  + 

*Fold Level: to fold all but the most outer classes, try  + ,  + 

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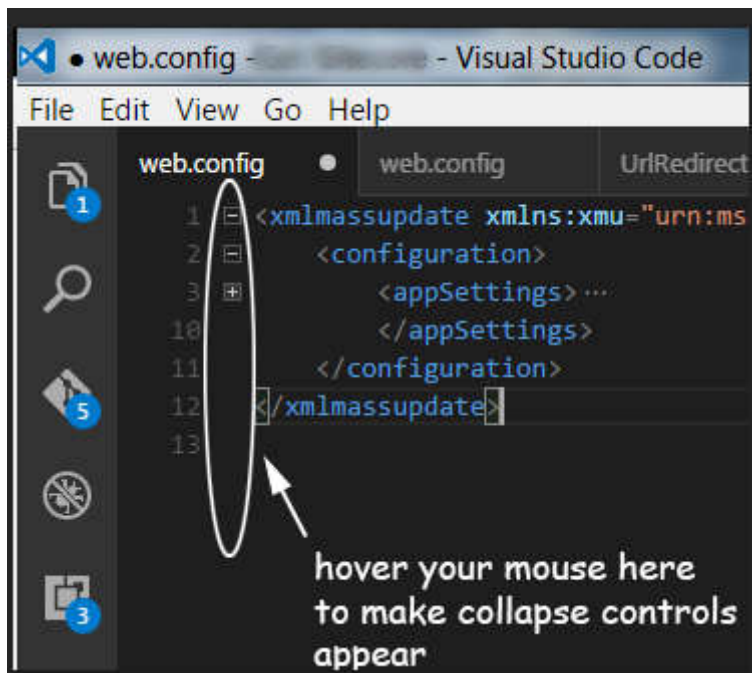
Does it save and restore the state of folds between IDE start/shut down? – [Green](#) Nov 20 '16 at 14:58

Some reason `ctrl+k,ctrl+num` only works on numbers above qwerty not on numpad – [MotKohn](#) Sep 28 '17 at 22:01

Fold to level [n] doesn't fold the section where the cursor is located. This always makes me think it didn't do what I expected. Is there an option to turn off this behavior? – [RonnBlack](#) Jul 31 '18 at 18:13

This feature is available in the standard build now. To make the collapse/expand controls appears, you need to mouse over the area just to the right of the line numbers as shown in this screenshot:

59



edited Dec 15 '18 at 18:23



[Peter Mortensen](#)

answered Sep 8 '16 at 17:17



[BraveNewMath](#)

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53

```
TypeScript/JavaScript: // #region and // #endregion and // region and // endregion
C#:                    #region and #endregion
C/C++:                 #pragma region and #pragma endregion
F#:                    // #region and // #endregion
PowerShell:            #region and #endregion
Python:                #region and #endregion
VB:                    #Region and #End Region
PHP:                   #region and #endregion
Bat:                   :: #region and :: #endregion
```

Each language also has snippets available for the markers. Type '#' and invoke code completion to see them. To have region markers configured for your language, contact the language extension provider.

v1.23 added CSS/SCSS/Less code folding regions:

```
CSS/SCSS/Less:         /* #region */ and /* #endregion */ or /* #region */ and
/* #endregion */
SCSS/Less:             // #region and // #endregion
```

v1.35 added:

```
Go:                    // region, // endregion and // #region, // #endregion
```

edited Jun 6 at 3:36

answered Oct 6 '17 at 2:09



Mark

18.5k

4

52

78

1 // region and // endregion are not working with VS Code version 1.22 (haven't tested versions below or above that though). But // #region and // #endregion works (note the '#' and space in both). This way ESLint (if you are using) won't show error if spaced-comment rule is on (i.e. not set to 'off' or 0). – [ozanmuyes](#) Apr 11 '18 at 12:55

In CSS, it's actually /* #region Foo Bar */ and /* #endregion */ – [toddmoo](#) May 22 '18 at 1:18

1 @ozanmuyes it depends on the file type (language). //region and //endregion are for JavaScript. – [lealceldeiro](#) Jun 4 at 7:36

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21

 +  +  : "Fold" +  +  +  : "Fold all" +  +  : "Unfold" +  +  +  : "Unfold all"

Or go to `keybindings.json` and change as you wish.

For example:

```
{
  "key": "cmd+k cmd+m",
  "command": "editor.foldAll",
  "when": "editorFocus"
},
{
  "key": "cmd+m cmd+k",
  "command": "editor.unfoldAll",
  "when": "editorFocus"
},
```

edited Jun 21 at 9:49



Monster Brain

533 5 17

answered Mar 29 '16 at 10:28



Samuel Pinto

749 8 7

is this limited to some languages? doesn't work for me on OSX/typescript. — [dcsan](#) Sep 3 '16 at 15:52 

1 Please review this: `ctrl+shift+alt+["Unfold all"` You wrote `[` instead of `]` . Correct me if I am wrong. — [fWd82](#) May 18 '17 at 7:50

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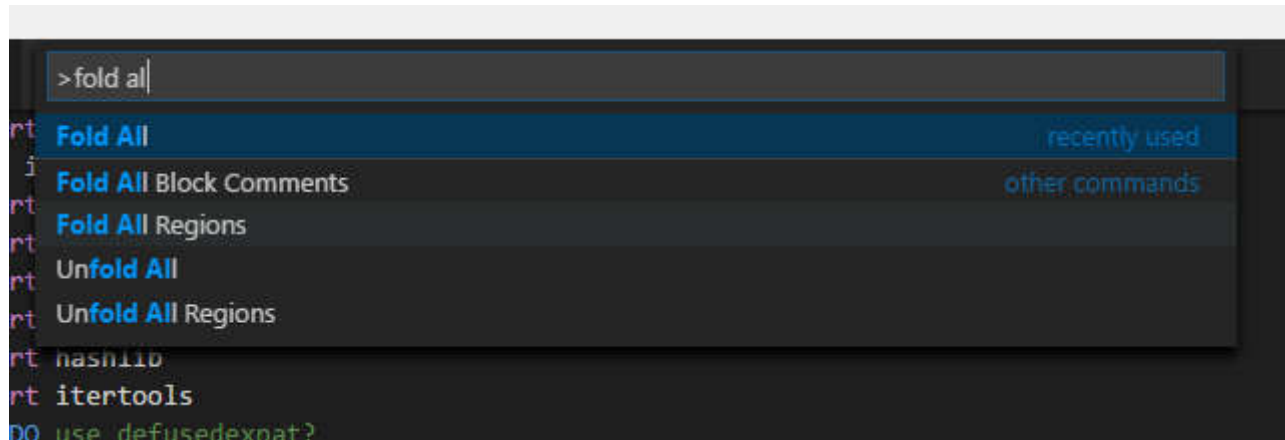
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13 ▲ If none of the shortcuts are working (like for me), as a workaround you can also open the command palette (`Ctrl` + `3` or View -> Command Palette...) and type in `fold all` :



answered Jun 8 '18 at 11:38



I think I figured out what happens... it folds the block only if there is the `[+]` available, in python for example it does not fold the following:

github.com/heldersepu/GMapCatcher/blob/master/gmapcatcher/... – Helder Sepulveda Mar 30 at 13:59

@HelderSepulveda Well, it supposedly folds block comments, but python doesn't have those. The code you linked uses multiple single line comments.
– Jorn Vernee Mar 30 at 15:04

▲ Collapsing is now supported in [release 1.0](#):

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There are actions to fold level 1 (`Ctrl` + `K` `Ctrl` + `1`) to level 5 (`Ctrl` + `K` `Ctrl` + `5`). To unfold, use Unfold All (`Ctrl` + `Shift` + `Alt` + `]`).

The level folding actions do not apply to region containing the current cursor.

I had a problem finding the `]` button on my keyboard (Norwegian layout), and in my case it was the `Å` button. (Or two buttons left and one down starting from the backspace button.)

edited Dec 15 '18 at 18:17



Peter Mortensen

14.2k 19 88 115

answered Apr 15 '16 at 7:21



Stian Standahl

1,599 2 21 39



`ctrl + k + 0` : Fold all levels (namespace , class , method , block)

6



`ctrl + k + 1` : namespace

`ctrl + k + 2` : class

`ctrl + k + 3` : methods

`ctrl + k + 4` : blocks

`ctrl + k + [or]` : current cursor block

`ctrl + k + j` : UnFold

answered Feb 13 at 9:18



mammadkoma

664 4 10



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edited Dec 15 '18 at 18:27



Peter Mortensen

14.2k 19 88 115

answered Jan 19 '18 at 5:13



Rafael Grilli

589 4 16

As of version 1.3.1 (2016-07-17), Block Collapse is much more convenient.

3 Any line followed by an indented line will have a '-' character to allow collapse. If the block is collapsed, it will then be replaced by a '+' character that will open the collapsed block.

The (`Ctrl` + `Shift` + `Alt` + `]`) will still affect all blocks, closing one level. Each repeated use closed one more level. The (`Ctrl` + `Shift` + `Alt` + `[`) works in the opposite way.

Hooray, block collapse finally works usefully.

edited Dec 15 '18 at 18:22



Peter Mortensen

14.2k 19 88 115

answered Jul 16 '16 at 12:19



Miguelito

78 1 9

Adding to this - if you out-dent a comment around a region of code, you can use comments to build custom regions in your code and collapse entire custom segments! Great feature! – Tim Cederquist Jun 7 '17 at 16:40

On a Mac, it's the RHS Command key, `⌘` `K`, not the left for the code folding commands.

2 Otherwise the left hand Command key will delete the current line, `⌘` `K`.

edited Dec 15 '18 at 18:23



Peter Mortensen

14.2k 19 88 115

answered Aug 17 '17 at 13:30



ReaddyEddy

297 3 7

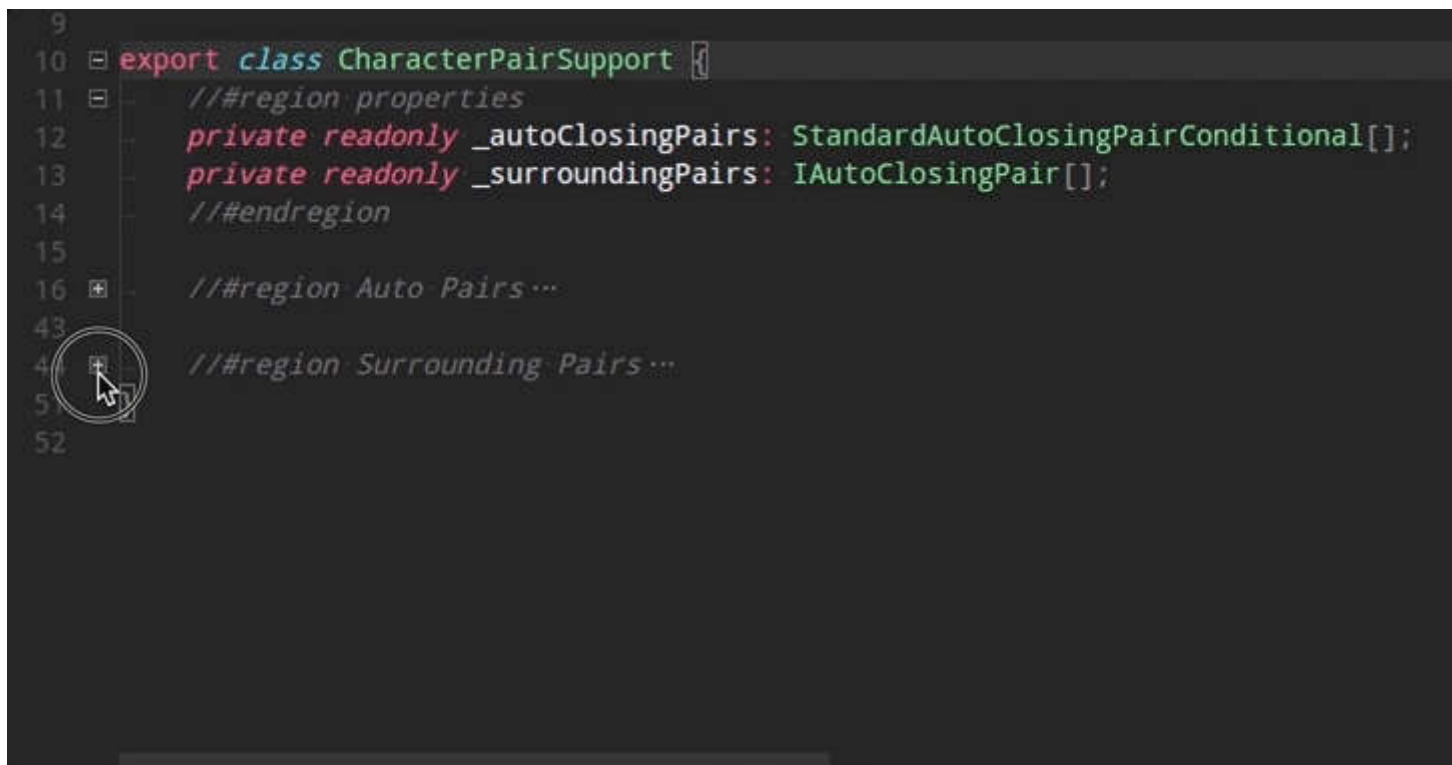
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edited Mar 26 at 10:27



bleuthoot

44 1 7

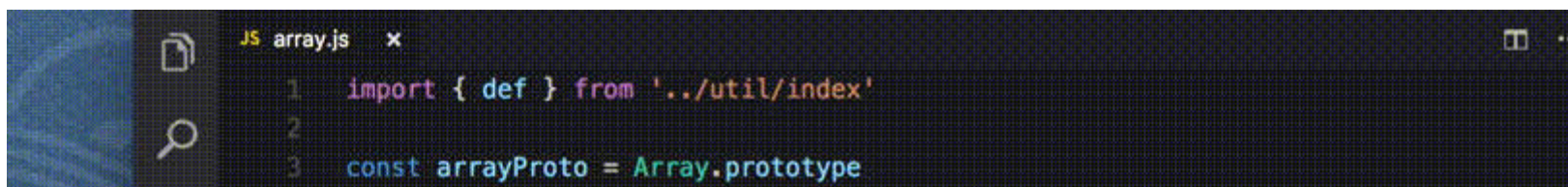
answered Oct 29 '17 at 0:30



Murilo Perrone

79 1 3

VSCode extension: [Fold Level](#), one key fold to the level you want.



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```
9      'shift',
10     'unshift',
11     'splice',
12     'sort',
13     'reverse'
14   ]
15   |
16   methodsToPatch.forEach(function (method) {
17     const original = arrayProto[method]
18     def(arrayMethods, method, function mutator (...args) {
19       const result = original.apply(this, args)
20       const ob = this.__ob__
21       let inserted
22       switch (method) {
23         case 'push':
24         case 'unshift':
25           inserted = args
26           break
27         case 'splice':
28           inserted = args.slice(2)
29           break
30       }
31       if (inserted) ob.observeArray(inserted)
32       ob.dep.notify()
33       return result
34     })
35   })
36
```

answered Feb 25 at 1:13

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I wish Visual Studio Code could handle:

0

```
#region Function Write-Log
Function Write-Log {
    ...
}
#endregion Function Write-Log
```

Right now Visual Studio Code just ignores it and will not collapse it. Meanwhile Notepad++ and PowerGUI handle this just fine.

Update: I just noticed an update for Visual Studio Code. This is now supported!

edited Dec 15 '18 at 23:58



Peter Mortensen

14.2k 19 88 115

answered Aug 7 '18 at 19:12



Mr. Annoyed

343 2 12

In the windows build the shortcut is set to Alt + 0

0

answered Jan 2 at 23:42



SuperSandro2000

111 2 7

protected by [Matt Bierner](#) May 17 at 0:09

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