

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

Asked 4 years, 3 months ago Active 4 days ago Viewed 303k times



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

587

Is this feature supported?



visual-studio-code



171

edited Dec 15 '18 at 17:59



Peter Mortensen

14.3k 19 88 116

asked May 6 '15 at 4:50



Nick

3,761 3 12 19

17 Answers



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

1019



- **Fold** folds the innermost uncollapsed region at the cursor:
  - `Ctrl` + `Shift` + `[` on Windows and Linux
  - `⌘` + `⇧` + `[` on macOS
- **Unfold** unfolds the collapsed region at the cursor:
  - `Ctrl` + `Shift` + `]` on Windows and Linux
  - `⌘` + `⇧` + `]` on macOS
- **Fold All** folds all regions in the editor:
  - `Ctrl` + `K`, `Ctrl` + `0` (zero) on Windows and Linux
  - `⌘` + `K`, `⌘` + `0` (zero) on macOS

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- `Ctrl` + `K`, `Ctrl` + `J` on Windows and Linux
- `⌘` + `K`, `⌘` + `J` on macOS

edited Mar 16 at 0:57



Nuno André

1,659 15 24

answered May 6 '15 at 13:00



Brocco

43.6k 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

- 2 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

You, good sir, deserve a nobel prize! – [Ali Abbas Jaffri](#) Jul 29 at 15:29



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

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The default keys are:

Fold All: `CTRL` + `K`, `CTRL` + `0` (zero)

Fold Level [n]: `CTRL` + `K`, `CTRL` + `[n]`\*

Unfold All: `CTRL` + `K`, `CTRL` + `J`

Fold Region: `CTRL` + `K`, `CTRL` + `[`

Unfold Region: `CTRL` + `K`, `CTRL` + `]`

\*Fold Level: to fold all but the most outer classes, try `CTRL` + `K`, `CTRL` + `4`

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edited Dec 16 '18 at 20:53

answered Jun 23 '16 at 20:42



Michael Fulton

2,440 1 14 30

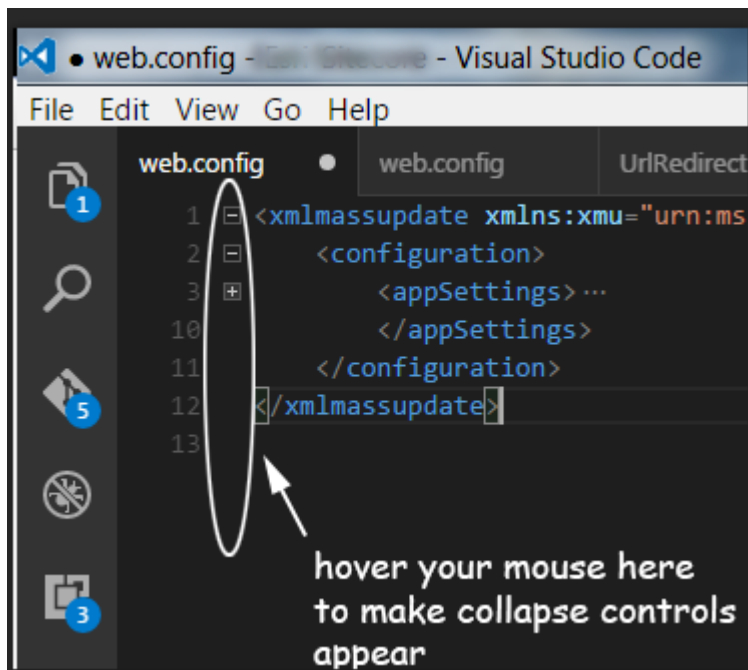
Does it save and restore the state of folds between IDE start/shut down? – [Green](#) Nov 20 '16 at 14:58

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:

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edited Dec 15 '18 at 18:23



Peter Mortensen

answered Sep 8 '16 at 17:17



BraveNewMath

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Code folding by **regions** has arrived with v1.17. [Folding by regions documentation](#). And [v1.19](#) and [1.23](#).

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```
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
```

v.1.36 added shellscript, see [\[github issue: adding shellscript folding markers\].4](#):

```
shellscript:         # region and # endregion
```

edited Jul 5 at 7:13

answered Oct 6 '17 at 2:09



Mark

19.7k 4 59 82

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

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In CSS, it's actually `/* #region Foo Bar */` and `/* #endregion */` – [toddm](#) 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

The default shortcut for collapse/extend are:

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`Ctrl` + `Shift` + `[` : "Fold"

`Ctrl` + `Shift` + `Alt` + `[` : "Fold all"

`Ctrl` + `Shift` + `]` : "Unfold"

`Ctrl` + `Shift` + `Alt` + `]` : "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](#)

573 5 17

answered Mar 29 '16 at 10:28



[Samuel Pinto](#)

759 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. – [fVd82](#) May 18 '17 at 7:50

[@dcsan](#) it doesn't work for me in either Linux either `Ctrl+K Ctrl+Q` (here) and `Ctrl+K Ctrl+I` I do work though as per the accepted answer. [@leam](#) Jul 10

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You should add user settings:

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```
{
  "editor.showFoldingControls": "always",
  "editor.folding": true,
  "editor.foldingStrategy": "indentation",
}
```

edited Apr 11 '18 at 14:10

answered Apr 11 '18 at 14:04

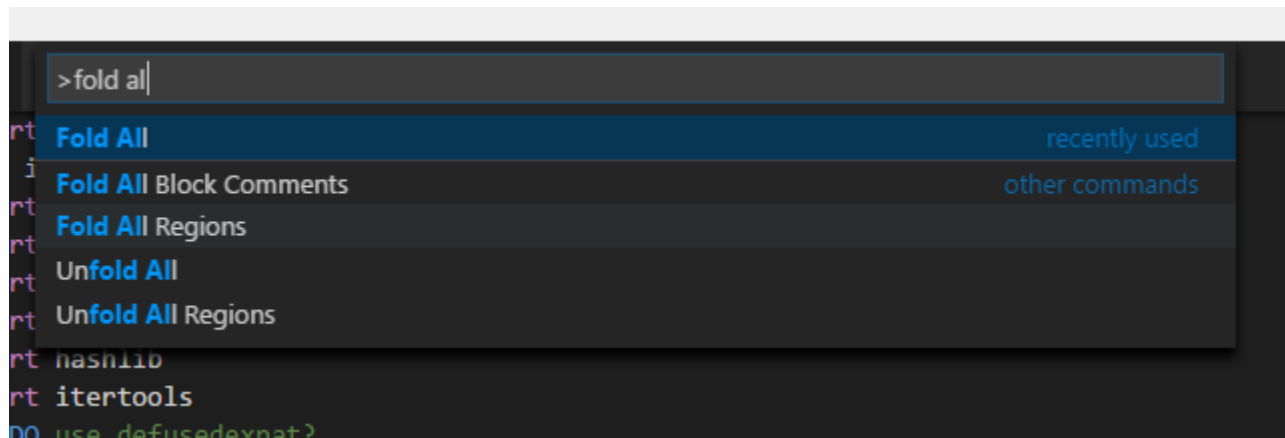


Minh Tien Tran

361 3 7

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` :

15



answered Jun 8 '18 at 11:38



Jorn Vernee

22.2k 3 44 66

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:

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– [Jorn Vernee](#) Mar 30 at 15:04 

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

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## Source Code Folding Shortcuts

There are new folding actions to collapse source code regions based on their folding level.

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](#)

14.3k 19 88 116

answered Apr 15 '16 at 7:21



[Stian Standahl](#)

1,609 2 22 39

8

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

`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

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With JavaScript:

6

```
//#region REGION_NAME
...code here
//#endregion
```

edited Dec 15 '18 at 18:27



Peter Mortensen

14.3k 19 88 116

answered Jan 19 '18 at 5:13



Rafael Grilli

639 5 16

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

4 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

14.3k 19 88 116

answered Jul 16 '16 at 12:19



Miguelito



93 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

This doesn't work as of Jul 13 2019. Is there any other keyboard shortcut substituting it? (collapsing/expanding one level at a time?) – [Martin](#) Jul 13 at 13:58

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

edited Dec 15 '18 at 18:23



Peter Mortensen

14.3k 19 88 116

answered Aug 17 '17 at 13:30

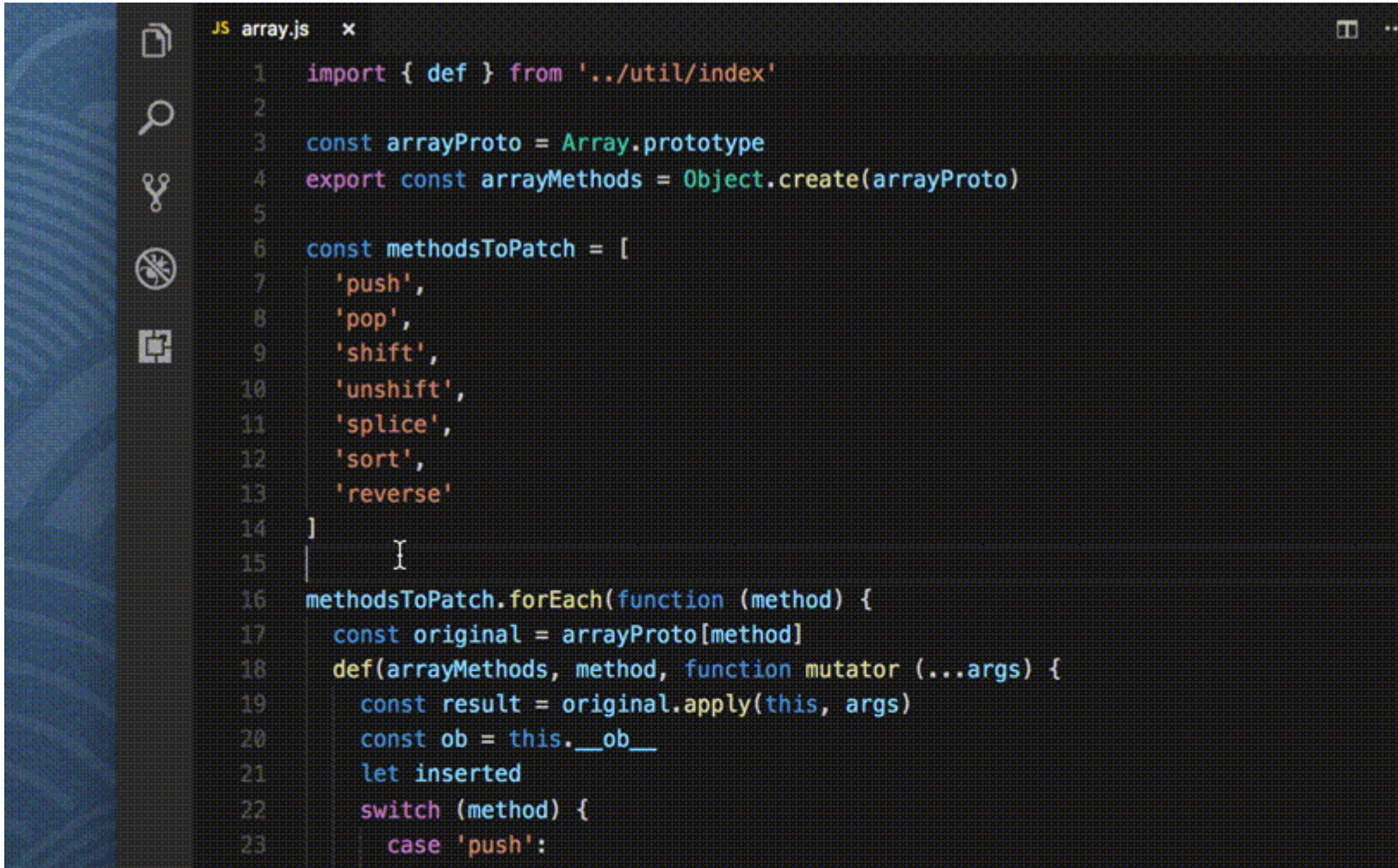


ReaddyEddy


297 3 7

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

1



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```
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



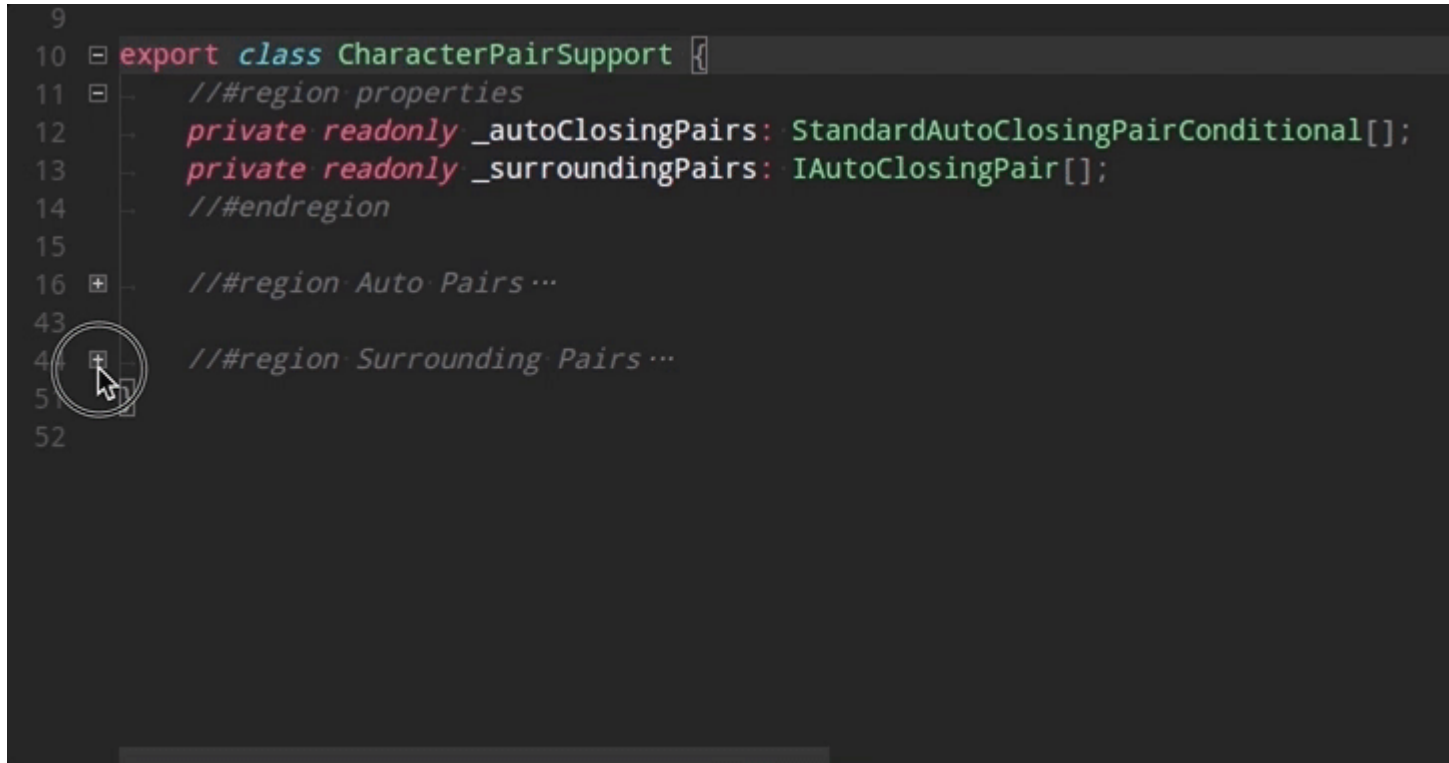
vikyd

346 3 10

This feature is now supported, since [Visual Studio Code 1.17](#). To fold/collapse your code block, just add the region tags, such as `//#region my block name` and `//#endregion` if coding in TypeScript/JavaScript.

1

Example:



edited Mar 26 at 10:27



bleuthoot

44 1 7

answered Oct 29 '17 at 0:30



Murilo Perrone

87 1 3

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.

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edited Dec 15 '18 at 23:58



Peter Mortensen

14.3k 19 88 116

answered Aug 7 '18 at 19:12



Mr. Annoyed

343 2 12

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

0

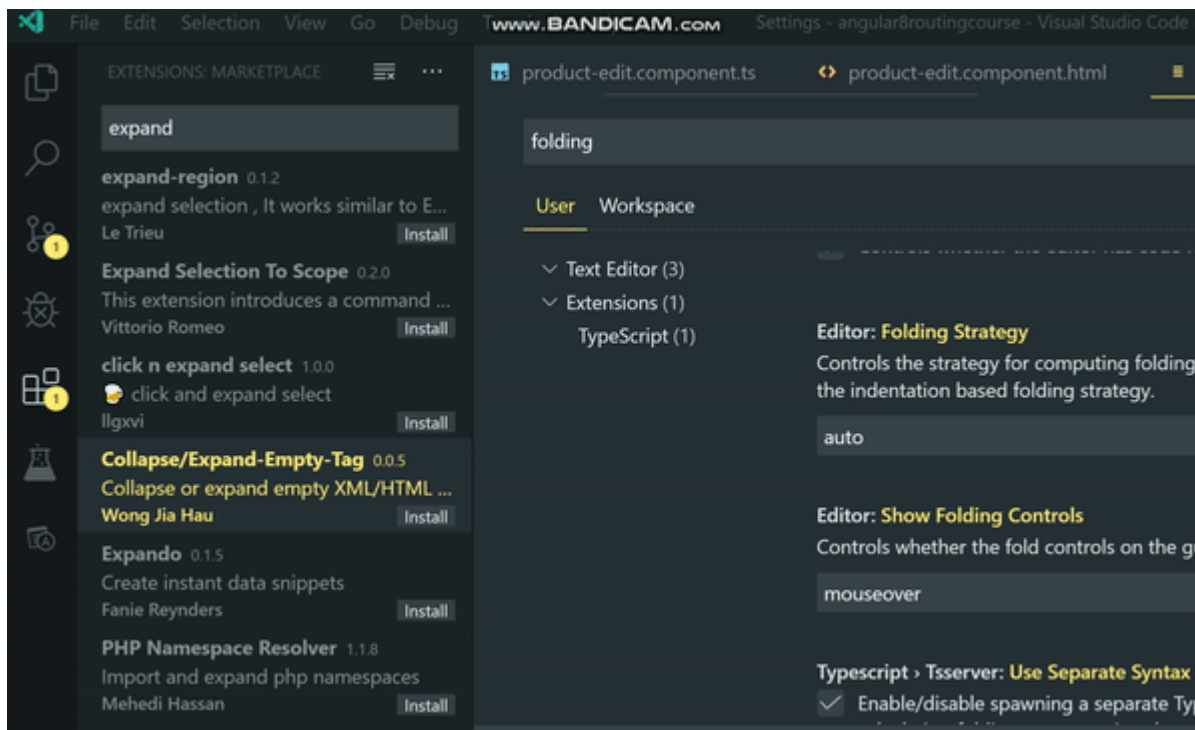
answered Jan 2 at 23:42



SuperSandro2000

111 2 7

0

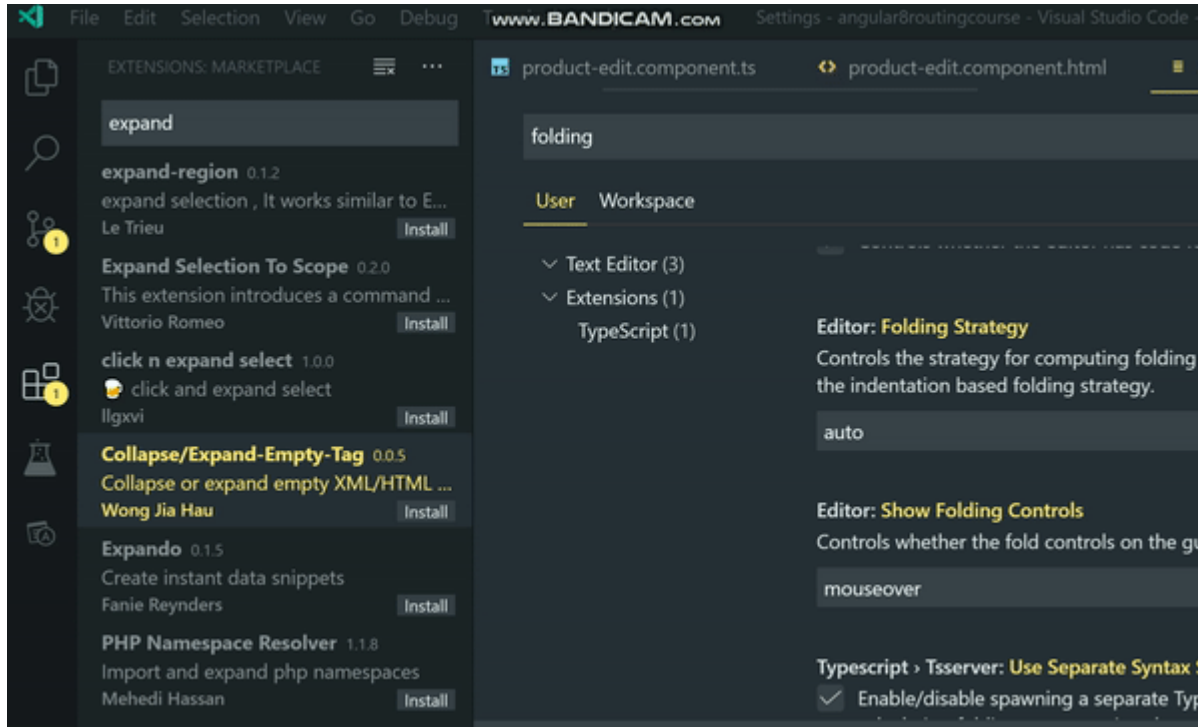


No technical tips here, just simple adjustments of the preferences of VsCode.

I managed to show code folding controls always in VsCode by going to Preferences and searching for 'folding'. Now just select to always

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This was tested with VsCode Insiders 1.37.0 running on a Windows 10 OS.



answered Jul 30 at 20:27



[Tore Aurstad](#)

997 7 8

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

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