

Naming rule violation

[Ask Question](#)

58



4

I just installed Visual Studio 2017. When I open an existing website, I get all sorts of warning messages such as this one:

IDE1006 Naming rule violation: These words must begin with upper case characters: swe_calc

In the code it is defined as:

```
[System.Runtime.InteropServices.DllImport("swedll32.dll")]  
public static extern Int32 swe_calc(double tjd, int ipl, Int32 iflag, IntPtr xx, IntPtr  
serr);
```

This also occurs with my ASP.Net controls. As an example of a DropDownList:

IDE1006 Naming rule violation: These words must begin with upper case characters: ddlMonth_SelectedIndexChanged

How can I eliminate these type of warnings under Visual Studio?

[c#](#)[asp.net](#)[visual-studio-2017](#)

edited Mar 16 at 11:00



Aria

2,760

1

9

35

asked Nov 29 '16 at 1:07



SteveFerg

2,036

5

15

26

-
- 6 Definitely file this feedback to VS. 2017 is a new version with new features, and sometimes these can start off too aggressive. Your feedback will help adjust the default behavior. – [Jimmy](#) Nov 29 '16 at 23:55
-
- 3 Sounds like a bug. This is not just about old projects but also about new ones, created in VS2017rc. VS creates the control names it then flags as offensive.. – [TaW](#) Dec 15 '16 at 8:49
-
- 1 I encountered this 1006 error with an MSVS-generated button click handler, "btnList_Click()". In other words, MSVS2017 is complaining about a *method it created itself!* It's suddenly complaining about a *naming convention that's been around since .Net 1.0!* Sigh.. IDEAL SOLUTION: `#pragma warning disable IDE1006` . This has the benefit that, since it's in the source code, it's automatically project-wide (you don't have to synchronize any per-workstation MSVS settings). – [paulsm4](#) Mar 17 at 23:42
-

6 Answers



Its a new configurable feature, if you go to

96



Options → Text Editor → Your language (I did C#) → Code Style
→ Naming



In there I went to Manage Styles add camel Case (its in there but you need to add it to your selectable): go to the "+" sign, then add your rule accordingly.

Important: Close your solution and re-open it for changes to take effect.

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

Teams

Q&A for work



[Learn More](#)

For example, I only use camel Case for private methods. So I choose Private Method and required Style the new one I created "camel Case" and set it to Severity Suggestion (I also promoted it to the top).

The built in are all "Suggestions" too so you can also just turn off Messages.

edited Oct 7 '18 at 15:24



theMayer

8,470 4 34 52

answered Dec 13 '16 at 22:21



Jason Gabel

976 6 2

-
- 1 That's exactly the same naming convention that we use for private methods - thanks! Now I just need to work out how to enable this for everyone without people having to individually set this option.... – [Matthew Watson](#) Dec 22 '16 at 9:10

 - 5 A quick way to get to these options is to Click the "Quick Actions" light bulb, hover over "Fix Name Violation" and click the "Change Style Options" button. – [Daren](#) Mar 8 '17 at 9:06

 - 9 This works, but you have to close your solution and re-open it for changes to take affect. – [Leo Gurdian](#) Mar 14 '17 at 20:18


 - 4 I just deleted the rules – [Paulustrious](#) Apr 16 '17 at 0:33

 - 1 To share such setting/rules/styles with an entire team, refer to this: stackoverflow.com/questions/11684457/... – [kmote](#) Mar 28 '18 at 14:41



0

If you want to omit or void the warning message in a method, you can use the *SuppressMessage* from the namespace *System.Diagnostics.CodeAnalysis*:



```
[SuppressMessage("Microsoft.Design", "IDE1006", Justification = "Rule due blah blah..")]
```


The *Justification* property is optional, but it's worth spending a moment writing a reason, to let your team know that the code is revised and is ok.

answered Mar 13 at 19:47




Carlos David López

1

 If you want to suppress it only in some files or areas you can use the following:

6



```
#pragma warning disable IDE1006
```

```
// the code with the warning
```

```
#pragma warning restore IDE1006
```


answered Oct 22 '18 at 10:39



Robert S.

1,076 8 18

This is probably the "ideal" solution! It resolves the problem for the entire team. – [paulsm4](#) Mar 17 at 20:30

 If you hover over the naming rule violation, you can use Alt + Enter to bring up the naming styles for that language. You can also use

0

Tools -> Options -> Text Editor -> {language} -> Code Style -> Naming.

For camelCase rules on Methods, you can add a new rule and set that to Camel Case. When you close the code file and open it up again, you shouldn't see that warning anymore. Not sure why this isn't a default option, but it wasn't in my case (using Visual Code 15.8). I had to edit styles to match our company standards.

[Sample C# Naming Styles Settings](#)

edited Aug 24 '18 at 16:20

answered Aug 24 '18 at 15:38



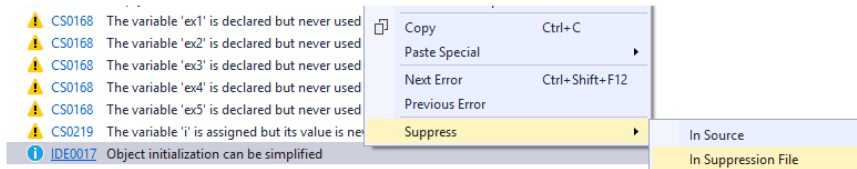
Greg McFalls

14 2



If you need to get rid of these messages you could also just suppress them.

17



answered Mar 21 '17 at 7:29



A.J. Bauer

1,827 16 23



You could rename the method and add the name to the attribute with the `EntryPoint` property.

9

```
[System.Runtime.InteropServices.DllImport("swedll32.dll", EntryPoint = "SweCalc", SetLastError = true)]  
public static extern Int32 SweCalc(double tjd, int ipl, Int32 iflag, out IntPtr serr);
```

answered Nov 29 '16 at 1:09

[Daniel A. White](#)

150k 37 297 377

I also have a drop down box that gives the same error: 'ddlMonth_SelectedIndexChanged'. Do all my asp.net controls also have to be renamed? – [SteveFerg](#) Nov 29 '16 at 1:16

@SteveFerg thats up to you - its just a warning. – [Daniel A. White](#) Nov 29 '16 at 1:17

-
- 1 I figured as much. I was just wondering if there is an option somewhere to turn them off other than "unclicking" the Messages box in the Error List. – [SteveFerg](#) Nov 29 '16 at 1:22
-