

# Re: Coding style

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*Source:*

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- *From:* "Mythran" <[kip\\_potter@xxxxxxxxxxx](mailto:kip_potter@xxxxxxxxxxx)>
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"Sergey Zuyev" <[SergeyZuyev@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:SergeyZuyev@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message <news:FBCFC5BE-9706-4BFB-A6BC-2D5A95B54B0F@xxxxxxxxxxxxxxxxxxx>

Hello All

I work at software company and we are having a really big discussion about coding styles and it seems that more people prefer statement 1 to statement2 , which was a big surprise to me. Please help us with your comments. Thanks

Which way is better way 1 or 2?

1. 'set enable status on CheckboxPrimaryYN

```
If (Me.CheckBoxPrimaryYN.Checked = True) And (dr.PrimarySet > 0)
Then
```

```
Me.CheckBoxPrimaryYN.Enabled = True
```

```
Else
```

```
If (Me.CheckBoxPrimaryYN.Checked = False) Then
```

```
If (dr.PrimarySet = 0) Then
```

```
Me.CheckBoxPrimaryYN.Enabled = True
```

```
Else
```

```
Me.CheckBoxPrimaryYN.Enabled = False
```

```
End If
```

```
End If
```

```
End If
```

## Re: Coding style

2. 'set enable status on CheckboxPrimaryYN

```
Me.CheckBoxPrimaryYN.Enabled = Not (Me.CheckBoxPrimaryYN.Checked =  
False And dr.PrimarySet = 1)
```

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Programmer

And it doesn't seem fair that you used so much wording for #1 when #1 could also have been written as follows:

```
If CheckBoxPrimaryYN.Checked AndAlso dr.PrimarySet > 0  
CheckBoxPrimaryYN.Enabled = True  
ElseIf Not CheckBoxPrimaryYN.Checked  
If dr.PrimarySet = 0  
CheckBoxPrimaryYN.Enabled = True  
Else  
CheckBoxPrimaryYN.Enabled = False  
End If  
End If
```

Or I would have even taken the mix of both to simplify:

```
#3  
If CheckBoxPrimaryYN.Checked AndAlso dr.PrimarySet > 0  
CheckBoxPrimaryYN.Enabled = True  
ElseIf Not CheckBoxPrimaryYN.Checked  
CheckBoxPrimaryYN.Enabled = dr.PrimarySet = 0  
End If
```

The reason behind why so many people would prefer #1 over #2 is simplification. Otherwords, it's easier to follow #1 than it is #2 (because the if's are broken down and not compacted onto a single line). People can follow the if's easier and get the big picture rather than having them compressed onto a single line and have to use more brainpower to expand the logic.

HTH :)

Mythran

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