Prev | Next



Video: Code Style

What is good style?

Peer-graded
Assignment: Code Style
Grading in progress

Review Your Peers: Code Style

Debugging and Static Analysis Comments and Self-

Version Control and

Quiz: Quality in Implementation

Peer-graded Assignment: Code Style

Review by Sep 9, 11:59 PM PDT

Reviews 2 left to complete

Code Style Assignment



♡ like 🏳 Flag this submission

PROMPT

Select three items of the style guide that you agree with and, for each, explain why. If there are not enough items you agree with, give your best estimation as to the reason behind the selection (in your own words) and the benefits it provides. Note: "There is no reason" and "There are no benefits" are not acceptable answers

https://wiki.c2.com/?CodingStandard

- BumpyCase and underscores naming convention –
 Name is cased/formatted depending on category of
 name being used for, e.g. CONSTANT, Class, instance, subroutine. This formatting facilitates categorization of the name and the semantics can be captured by a meaningful name.
- · Indentation using tabs Tabs enable faster coding that is less strenuous for the coder. The file size is smaller and it's the only way to get vertically aligned columns when using proportional fonts.
- Open braces in line, closed braces on own line -Open braces in the same line results in code that is clearly separated from the characters before the open bracket and do not take an extra line, resulting in more compact, but still easily readable code. Closing the bracket on it's own line facilitates its readability, rather than hiding it at the end of a line.

RUBRIC

Agreement #1: Is the item applicable and existing in the

- O opts

Agreement #1: Are there two reasonable perspectives

- 0 pts
- 1 pt

Agreement #1: Is the justification reasonable?

- 1 pt

Agreement #1: Is the justification clear?

- O _{0 pts}

Agreement #1: Is the justification well-written (grammar/spelling)?

- O pts
- 1 pt

Agreement #2: Is the item applicable and existing in the style guide?

- O pts
- No

1 pt

Agreement #2: Are there two reasonable perspectives on this item?

- O _{0 pts}
- 1 pt

Agreement #2: Is the justification reasonable?

- O _{0 pts}
- 1 pt

Agreement #2: Is the justification clear?

- \circ 0 pts
- 1 pt

Agreement #2: Is the justification well-written (grammar/spelling)?

- O pts
- 1 pt

Agreement #3: Is the item applicable and existing in the style guide?

- O _{0 pts}

Agreement #3: Are there two reasonable perspectives

- 0 pts

	1 pt Yes
	Agreement #3: Is the justification reasonable? 0 pts No 1 pt Yes
	Agreement #3: Is the justification clear? O pts No 1 pt Yes
	Agreement #3: Is the justification well-written (grammar/spelling)? O pts No 1 pt Yes
lect three items of the style guide that you do not ree with and, for each, explain why. If there are not ough items you disagree with, give your best timation as to why someone might disagree and what ssible downside there is to using it.	Disagreement #1: Is the Item applicable and existing in the style guide? O pts No 1 pt

seld agr end esti pos

Dis

- Hungarian notation Types of variables are encoded into name (e.g. m_ prefix indicates a member variable of a clss). The problem with this standard is that this notation is very different to read and does not improve usability of the name.
- Indentation using spaces Despite greater preciseness, using spaces results in too many keystrokes, which can be strenuous for the coder over
- · Closed braces in line This is difficult to read and can easily be missed by the coder, resulting in potential for more mistakes.

Disagreement #1: Are there two reasonable perspectives

O _{0 pts} No

1 pt Yes

Disagreement #1: Is the justification reasonable?

O pts

1 pt Yes

Disagreement #1: Is the justification clear?

O pts

1 pt Yes

Disagreement #1: Is the justification well-written (grammar/spelling)?

O 0 pts

No

1 pt Yes

Disagreement #2: Is the item applicable and existing in the style guide?

O pts

1 pt Yes

Disagreement #2: Are there two reasonable perspectives on this item?

O pts

1 pt Yes

Disagreement #2: Is the justification reasonable?

O pts

1 pt
 Yes

Disagreement #2: Is the justification clear?

O pts

1 pt Yes

Disagreement #2: Is the justification well-written (grammar/spelling)?

O pts No

1 pt Yes

Disagreement #3: Is the item applicable and existing in the style guide?

O pts

1 pt Yes

		on this item? O pts
		No 1 pt Yes
		Disagreement #3: Is the justification reasonable? O pts No 1 pt Yes
		Disagreement #3: is the justification clear? O pts No 1 pt Yes
		Disagreement #3: is the justification well-written (grammar/spelling)? O 0 pts No 1 pt Yes
OVERALL ASSIGNME	NT RUBRIC	
is the style guide t	rom a reputable source?	
O pts		
140		
10 pts Yes		
	ccessible online?	
Yes Is the style guide a O pts	ccessible online?	
Yes Is the style guide a O pts No 10 pts		bmit Review
Yes Is the style guide a 0 pts No 10 pts Yes Comments	Sul	
Yes Is the style guide a 0 pts No 10 pts Yes Comments Comments left for the		
Yes Is the style guide a 0 pts No 10 pts Yes Comments Comments left for the	Sul e learner are visible only to that learner and t	