

CheckStyle Extension

Maintaining Java Standards / Style

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What is CheckStyle?

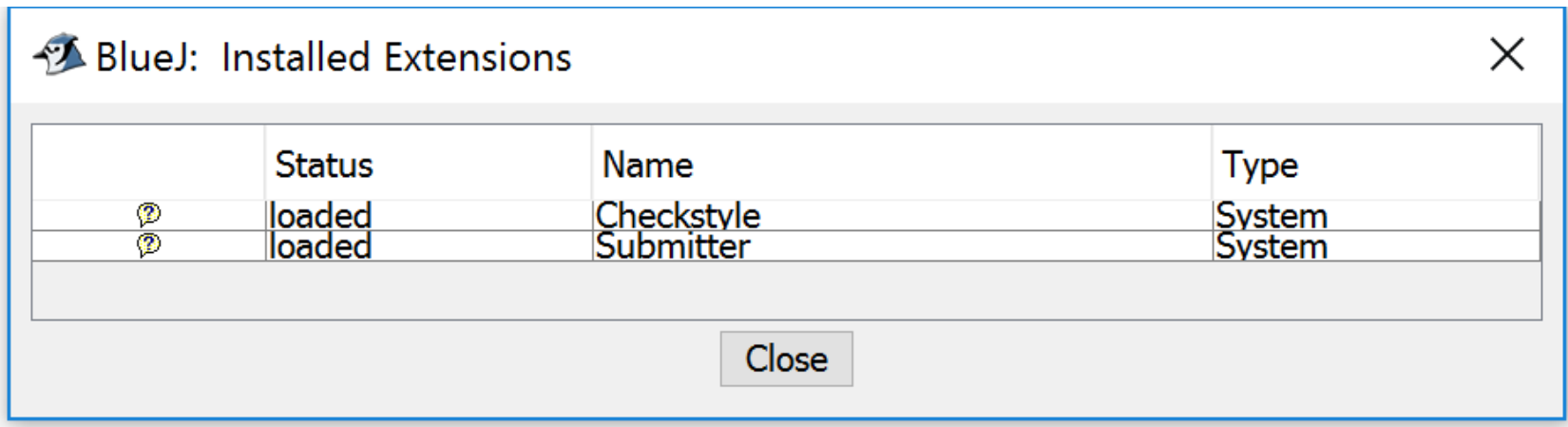
- CheckStyle is an extension to BlueJ that runs over your written code and checks it against java standards / style.
- As an output, it produces a list of items requiring attention, from a Java style perspective.

Installing CheckStyle

- Download the checkstyle-extension.jar file from <http://sourceforge.net/projects/bluejcheckstyle/files/bluejcheckstyle/>
- Place it in your ../BlueJ/lib/extensions/ folder (applies to both PC and Mac).

Verifying CheckStyle Installation

- To verify that it installed correctly, open BlueJ. Select Tools from the menu and a new option called “CheckStyle” should be visible.



Using CheckStyle

- On the main BlueJ screen, select Tools, followed by CheckStyle.
- A window will appear listing all the classes in your system.
- Any classes that have style issues will be highlighted yellow and have an asterix (*) after their name.
- Click on these classes to review the style errors.

Checkstyle

Driver*
 Product*
 Store*

Line	Column	Error
18	8	Unused @param tag for 'storeLocation'.
20	25	Expected @param tag for 'istoreLocation'.
26	5	Missing a Javadoc comment.
31	5	Missing a Javadoc comment.
34	29	':' is not preceded with whitespace.
49	5	Missing a Javadoc comment.
65	5	Missing a Javadoc comment.
71	0	if at indentation level 11 not at correct indentation, 12
73	0	Line is longer than 80 characters.
84	5	Missing a Javadoc comment.
95	5	Missing a Javadoc comment.
100	0	if at indentation level 11 not at correct indentation, 12
102	0	Line is longer than 80 characters.
113	5	Missing a Javadoc comment.
115	28	'*' is not followed by whitespace.
115	35	'/' is not followed by whitespace.

Questions?





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