

Code smells

LOGIC PACKAGE

Tiago Fernandes | 57677

# Long method:

In the logic package, inside the bst package there is a class called BibtexNameFormatter. This class has a method (formatName) in it which appears to be a long method.



In this code snippet we can see that the method is longer than it probably should be.

# Data class:

There is a class inside the logic.bibtext.comparator package called BibEntryDiff. This class is considered a data class since it only has data and its getters. Since this class is only used in one other class (ChangeScanner), a solution is to delete the data class and put its data and functionalities inside the ChangeScanner class.

# Speculative generality:

There is a class inside the logic.undo package called UndoRedoEvent. This is a subclass of the UndoChangeEvent, within the same class. However, this subclass does not have any data or functionalities other than its superclasses’s. So, this class is being created perhaps with the intention to add other functionalities in the future but does not have them at the moment. A simple solution for this is to delete the subclass and use the superclass instead.

\*This smell was changed due to team member 5 review that alerted that this could be Speculative generality instead of Duplicated Code\*