**Code Smell – 2**

**Divergent Class**

This code smell occurs when the class have to change in many diferent ways. It happends beacause of poor separation of concerns.

**Code Snippet:**

**SuperClass**

**SubClass1**

**SubClass6**

**SubClass5**

**SubClass4**

**SubClass3**

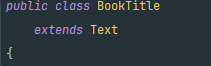
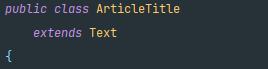
**SubClass2**

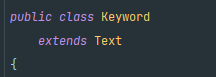
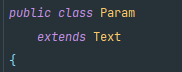
**Code Location:**

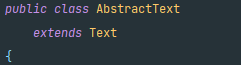
The classe is in the folloying path:

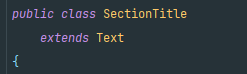
“*src-gen\main\java\org\jabref\logic\importer\fileformat\medline\Text.java*”

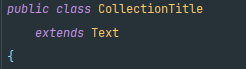












**Justification:**

As shown in the images, the class Text is extended by seven other classes, which is a lot.

**Refactoring proposal:**

This code smell inidicates that we should reduce the number of reasons the code would need to change or reduce the variety of changes needed to be implemented. We should look to these seven subclasses and try to put some of them together.