

Find Bugs Report

This report indicates the bugs that were found, the class they were found in and the line number they were found on. They also indicate the status (whether they were removed or not). If they weren't removed, the reason why they weren't removed has been stated (in most cases the suggestions by Find Bugs did not match the code requirement).

Note: The line numbers may have changed as a lot of modification to the code was as errors were found and other Junit tests were performed. Therefore a final Find Bugs report has been given under the 'second iteration' heading below.

9) Bug type: URF_UNREAD_FIELD

Class: kwic

Line: 114

Solved. Line wasn't required. Commented out.

2) Bug type: NM_CLASS_NAMING_CONVENTION

Class: VariableValues

Line: 12-42

Solved. Class name started with a capital 'V' instead of a lowercase 'v'.

3) Bug type : SBSC_USE_STRINGBUFFER_CONCATENATION

Class: kwic

Line: 323

Solved. Error thrown was incorrect. String needs to be concatenated only.

4) Bug type: OS_OPEN_STREAM

Class: kwic

Line: 320

Solved. Buffered reader closed.

5) Bug type: NM_CLASS_NAMING_CONVENTION

Class: KWIC

Cannot be solved. KWIC is an acronym and not a noun. The error will always show up as long as class name is 'KWIC'.

6) Bug type: DM_DEFAULT_ENCODING

Class: Kwic

Line: 320

Unsolved. Don't know any other way to give filename to buffered reader than to pass it as a string parameter. No other examples given anywhere.

7) Bug type: DM_DEFAULT_ENCODING

Class: KWIC

Line: 42

Unsolved. Don't know any other way to give filename to scanner than to pass it as a string parameter. No other examples given anywhere.

8) Bug type: NM_CLASS_NAMING_CONVENTION

Class: ConstantValues

Solved.

9) Bug type: DM_DEFAULT_ENCODING

Class: KwicSearch

Line: 159

Unsolved. Don't know any other way to give filename to scanner than to pass it as a string parameter. No other examples given anywhere.

Second Iteration

1) Bug Type: Null Check of args

Class: Kwic

Line: 339

Not removed. Test required.