JAVA

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| --- | --- | --- | --- |
| Tool | Accuracy (%) | Average Response Time (in seconds) | Storage requirement (in MBs) |
| BloatLibD |  | 12.0431 | 1.52 |
| DepClean |  | 4.4578 | Not Applicable |
| Jingredients |  |  |  |

For DepClean, the Response Time used to calculate the Average Response Time involves only the Running Time of the actual Depclean dependency analysis on the maven project.

As DepClean relies on analysis of code rather than comparison with a database of libraries , storage requirement is not applicable to it.

5 maven projects have been selected, and the used dependencies in them (whether direct or transitive) have been used as data (in the form of jars) for BloatLibD and Jingredients. There are 38 jar files (taking union of all the dependencies as there were some common dependencies amongst them).

PYTHON

|  |  |  |  |
| --- | --- | --- | --- |
| Tool | Accuracy (%) | Average Response Time (in Milli Seconds) | Storage requirement (in MBs) |
| PyCln |  | 0.1755 | Not Applicable |
| AutoFlake |  | 0.2280 | Not Applicable |

Both PyCln and AutoFlake rely on code analysis rather than matching with a white list, hence Storage requirement not applicable on them

3 Projects have been selected from GitHub at random consisting of 48 .py files (including init.py files as well)

Response time for both Python and Java has been measured using pythons time.time() function (diffrence b/w start time and end time taken per file and then average is taken).