

```
1 import ...
2
3 public class RunSonarProcessor {
4
5     private int countNumberOfCommits(
6         Repository repository,
7         String defaultBranchName
8     ){
9
10         logger.info("Counting the number of commits.");
11         int numberOfCommits = 0 ;
12         RevWalk walk = new RevWalk(repository);
13         RevCommit head = walk.parseCommit(
14             repository.findRef(defaultBranchName).getObjectId()
15         );
16
17         while (head != null) {
18             numberOfCommits++;
19             RevCommit[] parents = head.getParents();
20             if (parents != null && parents.length > 0) {
21                 head = walk.parseCommit(parents[0]);
22             } else {
23                 head = null;
24             }
25         }
26
27         return numberOfCommits;
28     }
29 }
30 }
31
```