|  |  |  |  |
| --- | --- | --- | --- |
| Size | Complexity | Coupling | Inheritance |
| TotalMethodsQty | Nosi | cbo | Nc |
| StaticMethodsQty | ReturnQty | rfc | Dit |
| PublicMethodsQty | LoopQty | tcc |  |
| PrivateMethodsQty | ComparisonsQty | lcc |  |
| ProtectedMethodsQty | TryCatchQty | Lcom |  |
| DefaultMethodsQty | ParenthesizedExpsQty | Fanin |  |
| AbstractMethodsQty | StringLiteralsQty | Fanout |  |
| FinalMethodsQty | NumbersQty | Ca |  |
| SynchronizedMethodsQty | AssignmentsQty | Ce |  |
| TotalFieldsQty | MathOperationsQty | A |  |
| StaticFieldsQty | VariablesQty | I |  |
| PublicFieldsQty | MaxNestedBlocksQty | D |  |
| PrivateFieldsQty | AnonymousClassesQty |  |  |
| ProtectedFieldsQty | InnerClassesQty |  |  |
| DefaultFieldsQty | LambdasQty |  |  |
| VisibleFieldsQty | UniqueWordsQty |  |  |
| FinalFieldsQty | Modifiers |  |  |
| SynchronizedFieldsQty | LogStatementsQty |  |  |
| Nof | Wmc |  |  |
| Nopf |  |  |  |
| Nom |  |  |  |
| Nopm |  |  |  |
| Loc |  |  |  |

Features:

1. Cbo: coupling between objects
2. Rfc: response for a class
3. Tcc: tight class cohesion
4. Lcc: loose class cohesion
5. TotalMethodsQty
6. StaticMethodsQty
7. PublicMethodsQty
8. PrivateMethodsQty
9. ProtectedMethodsQty
10. DefaultMethodsQty
11. AbstractMethodsQty
12. FinalMethodsQty
13. SynchronizedMethodsQty
14. TotalFieldsQty
15. StaticFieldsQty
16. PublicFieldsQty
17. PrivateFieldsQty
18. ProtectedFieldsQty
19. DefaultFieldsQty
20. VisibleFieldsQty
21. FinalFieldsQty
22. SynchronizedFieldsQty
23. Nosi: number of static invocations
24. ReturnQty
25. LoopQty
26. ComparisonsQty
27. TryCatchQty
28. ParenthesizedExpsQty
29. StringLiteralsQty
30. NumbersQty
31. AssignmentsQty
32. MathOperationsQty
33. VariablesQty
34. MaxNestedBlocksQty
35. AnonymousClassesQty
36. InnerClassesQty
37. LambdasQty
38. UniqueWordsQty
39. Modifiers
40. LogStatementsQty
41. Nof: number of Field
42. Nopf: number of publc Field
43. Nom: number of methods
44. Nopm:number of public methods
45. Loc: lines of code
46. Wmc: weighted methods per class
47. Nc: Number of children
48. Dit: Depth Inheritance Tree
49. Lcom: Lack of Cohesion of Methods
50. Fanin
51. Fanout
52. Ca
53. Ce
54. A
55. I
56. D