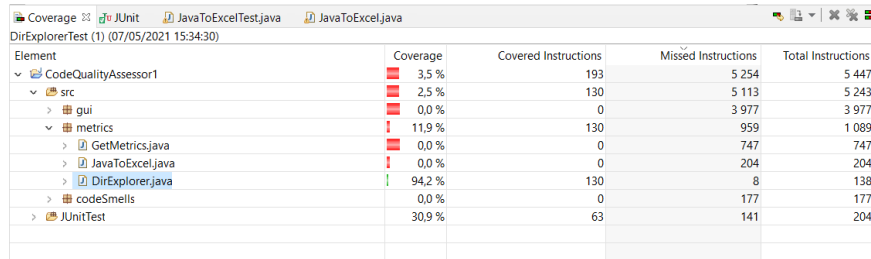


CODE QUALITY ASSESSOR JUNIT TESTS

ENGENHARIA DE SOFTWARE
2020/2021

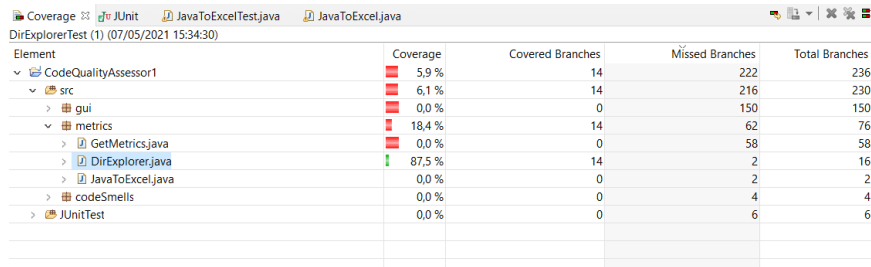
BEATRIZ DE SOUSA LIMA – 88110
INÊS ROCHA – 83687
MARIA INÊS MONTEIRO – 88706
MAURO AFONSO – 87993
SOFIA CORREIA – 87475
TIAGO BOMBAS – 87998

DIREXPLORER



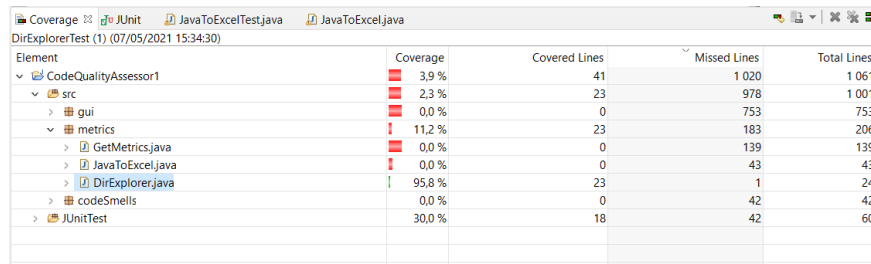
Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
CodeQualityAssessor1	3,5 %	193	5 254	5 447
src	2,5 %	130	5 113	5 243
gui	0,0 %	0	3 977	3 977
metrics	11,9 %	130	959	1 089
GetMetrics.java	0,0 %	0	747	747
JavaToExcel.java	0,0 %	0	204	204
DirExplorer.java	94,2 %	130	8	138
codeSmells	0,0 %	0	177	177
JUnitTest	30,9 %	63	141	204

Figura 1 - Métrica Instruction Counters



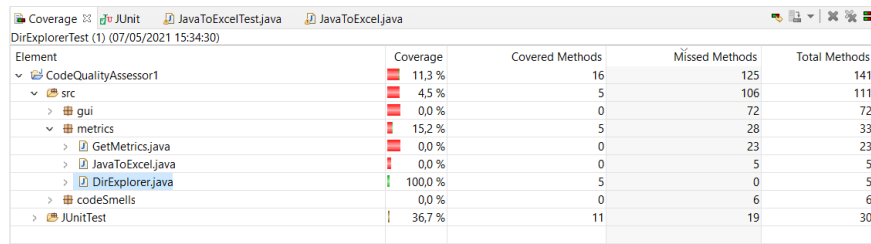
Element	Coverage	Covered Branches	Missed Branches	Total Branches
CodeQualityAssessor1	5,9 %	14	222	236
src	6,1 %	14	216	230
gui	0,0 %	0	150	150
metrics	18,4 %	14	62	76
GetMetrics.java	0,0 %	0	58	58
DirExplorer.java	87,5 %	14	2	16
JavaToExcel.java	0,0 %	0	2	2
codeSmells	0,0 %	0	4	4
JUnitTest	0,0 %	0	6	6

Figura 2 - Métrica Branch Counters



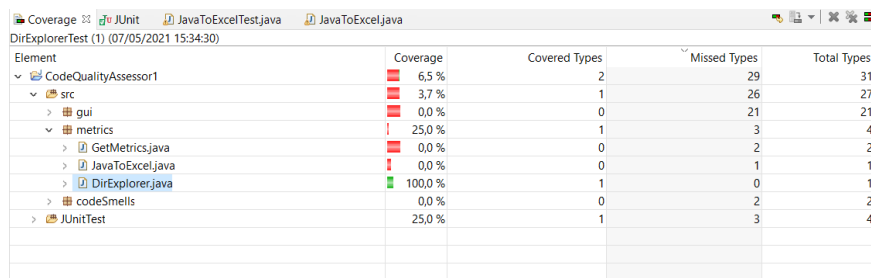
Element	Coverage	Covered Lines	Missed Lines	Total Lines
CodeQualityAssessor1	3,9 %	41	1 020	1 061
src	2,3 %	23	978	1 001
gui	0,0 %	0	753	753
metrics	11,2 %	23	183	206
GetMetrics.java	0,0 %	0	139	139
JavaToExcel.java	0,0 %	0	43	43
DirExplorer.java	95,8 %	23	1	24
codeSmells	0,0 %	0	42	42
JUnitTest	30,0 %	18	42	60

Figura 3 - Métrica Line Counters



Element	Coverage	Covered Methods	Missed Methods	Total Methods
CodeQualityAssessor1	11,3 %	16	125	141
src	4,5 %	5	106	111
gui	0,0 %	0	72	72
metrics	15,2 %	5	28	33
GetMetrics.java	0,0 %	0	23	23
JavaToExcel.java	0,0 %	0	5	5
DirExplorer.java	100,0 %	5	0	5
codeSmells	0,0 %	0	6	6
JUnitTest	36,7 %	11	19	30

Figura 4 - Métrica Method Counters



Element	Coverage	Covered Types	Missed Types	Total Types
CodeQualityAssessor1	6,5 %	2	29	31
src	3,7 %	1	26	27
gui	0,0 %	0	21	21
metrics	25,0 %	1	3	4
GetMetrics.java	0,0 %	0	2	2
JavaToExcel.java	0,0 %	0	1	1
DirExplorer.java	100,0 %	1	0	1
codeSmells	0,0 %	0	2	2
JUnitTest	25,0 %	1	3	4

Figura 5 - Métrica Type Counters

Element	Coverage	Covered Complexity	Missed Complexity	Total Complexity
CodeQualityAssessor1	8,5 %	22	237	259
src	4,9 %	11	215	226
gui	0,0 %	0	147	147
metrics	15,5 %	11	60	71
GetMetrics.java	0,0 %	0	52	52
JavaToExcel.java	0,0 %	0	6	6
DirExplorer.java	84,6 %	11	2	13
codeSmells	0,0 %	0	8	8
JUnitTest	33,3 %	11	22	33

[illegible]

GETMETRICS

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
CodeQualityAssessor1	13,9 %	758	4 689	5 447
src	12,2 %	639	4 604	5 243
gui	0,0 %	0	3 977	3 977
metrics	58,7 %	639	450	1 089
JavaToExcel.java	0,0 %	0	204	204
GetMetrics.java	76,2 %	569	178	747
DirExplorer.java	50,7 %	70	68	138
codeSmells	0,0 %	0	177	177
JUnitTest	58,3 %	119	85	204

Figura 7 - Métrica Instruction Counters

Element	Coverage	Covered Lines	Missed Lines	Total Lines
CodeQualityAssessor1	14,1 %	150	911	1 061
src	11,9 %	119	882	1 001
gui	0,0 %	0	753	753
metrics	57,8 %	119	87	206
JavaToExcel.java	0,0 %	0	43	43
GetMetrics.java	75,5 %	105	34	139
DirExplorer.java	58,3 %	14	10	24
codeSmells	0,0 %	0	42	42
JUnitTest	51,7 %	31	29	60

Figura 8 - Métrica Line Counters

Element	Coverage	Covered Types	Missed Types	Total Types
CodeQualityAssessor1	16,1 %	5	26	31
src	11,1 %	3	24	27
gui	0,0 %	0	21	21
codeSmells	0,0 %	0	2	2
metrics	75,0 %	3	1	4
JavaToExcel.java	0,0 %	0	1	1
DirExplorer.java	100,0 %	1	0	1
GetMetrics.java	100,0 %	2	0	2
JUnitTest	50,0 %	2	2	4

Figura 9 - Métrica Type Counters

[illegible]

JAVATOEXCEL

Element	Coverage	Covered Methods	Missed Methods	Total Methods
CodeQualityAssessor1	12,1 %	17	124	141
src	9,9 %	11	100	111
gui	0,0 %	0	72	72
metrics	33,3 %	11	22	33
GetMetrics.java	13,0 %	3	20	23
DirExplorer.java	80,0 %	4	1	5
JavaToExcel.java	80,0 %	4	1	5
codeSmells	0,0 %	0	6	6
JUnitTest	20,0 %	6	24	30

Figura 10 - Métrica Method Counters

Element	Coverage	Covered Types	Missed Types	Total Types
CodeQualityAssessor1	12,9 %	4	27	31
src	11,1 %	3	24	27
gui	0,0 %	0	21	21
codeSmells	0,0 %	0	2	2
metrics	75,0 %	3	1	4
GetMetrics.java	50,0 %	1	1	2
DirExplorer.java	100,0 %	1	0	1
JavaToExcel.java	100,0 %	1	0	1
JUnitTest	25,0 %	1	3	4

Figura 11 - Métrica Type Counters

[illegible]