

Projeto Engenharia de Software 2020/21

Grupo 14

Relatório de cobertura de testes Junit:

| Coverage | | | | |
|--------------------------------|----------|---------------|--------------|-------------|
| AllTests (12/12/2020 16:14:10) | | | | |
| Element | Coverage | Covered Types | Missed Types | Total Types |
| ProjetoES | 88,2 % | 15 | 2 | 17 |
| src/test/java | 75,0 % | 3 | 1 | 4 |
| ES14.ProjetoES | 75,0 % | 3 | 1 | 4 |
| > GUITest.java | 100,0 % | 1 | 0 | 1 |
| > ExcelControllerTest.java | 100,0 % | 1 | 0 | 1 |
| > AllTests.java | 0,0 % | 0 | 1 | 1 |
| > AlgoritmoTest.java | 100,0 % | 1 | 0 | 1 |
| src/main/java | 92,3 % | 12 | 1 | 13 |
| ES14.ProjetoES | 92,3 % | 12 | 1 | 13 |
| > Regra.java | 100,0 % | 1 | 0 | 1 |
| > GUI.java | 88,9 % | 8 | 1 | 9 |
| > ExcelController.java | 100,0 % | 1 | 0 | 1 |
| > App.java | 100,0 % | 1 | 0 | 1 |
| > Algoritmo.java | 100,0 % | 1 | 0 | 1 |

Cobertura de testes para a métrica "Type Counters"

| Coverage | | | | |
|--------------------------------|----------|-----------------|----------------|---------------|
| AllTests (12/12/2020 16:14:10) | | | | |
| Element | Coverage | Covered Methods | Missed Methods | Total Methods |
| ProjetoES | 82,2 % | 60 | 13 | 73 |
| src/test/java | 92,9 % | 13 | 1 | 14 |
| ES14.ProjetoES | 92,9 % | 13 | 1 | 14 |
| > GUITest.java | 100,0 % | 2 | 0 | 2 |
| > ExcelControllerTest.java | 100,0 % | 4 | 0 | 4 |
| > AllTests.java | 0,0 % | 0 | 1 | 1 |
| > AlgoritmoTest.java | 100,0 % | 7 | 0 | 7 |
| src/main/java | 79,7 % | 47 | 12 | 59 |
| ES14.ProjetoES | 79,7 % | 47 | 12 | 59 |
| > Regra.java | 71,4 % | 5 | 2 | 7 |
| > GUI.java | 62,5 % | 15 | 9 | 24 |
| > ExcelController.java | 80,0 % | 4 | 1 | 5 |
| > App.java | 100,0 % | 2 | 0 | 2 |
| > Algoritmo.java | 100,0 % | 21 | 0 | 21 |















Cobertura de testes para a métrica "Method Counters"

| Element | Coverage | Covered Complexity | Missed Complexity | Total Complexity |
|--------------------------|----------|--------------------|-------------------|------------------|
| ProjetoES | 72,2 % | 109 | 42 | 151 |
| src/test/java | 92,9 % | 13 | 1 | 14 |
| ES14.ProjetoES | 92,9 % | 13 | 1 | 14 |
| GUI Test.java | 100,0 % | 2 | 0 | 2 |
| ExcelControllerTest.java | 100,0 % | 4 | 0 | 4 |
| AllTests.java | 0,0 % | 0 | 1 | 1 |
| AlgoritmoTest.java | 100,0 % | 7 | 0 | 7 |
| src/main/java | 70,1 % | 96 | 41 | 137 |
| ES14.ProjetoES | 70,1 % | 96 | 41 | 137 |
| Regra.java | 71,4 % | 5 | 2 | 7 |
| GUI.java | 38,3 % | 18 | 29 | 47 |
| ExcelController.java | 87,5 % | 7 | 1 | 8 |
| App.java | 100,0 % | 2 | 0 | 2 |
| Algoritmo.java | 87,7 % | 64 | 9 | 73 |















Cobertura de testes para a métrica “Complexity”

| Element | Coverage | Covered Lines | Missed Lines | Total Lines |
|--------------------------|----------|---------------|--------------|-------------|
| ProjetoES | 72,9 % | 374 | 139 | 513 |
| src/test/java | 97,8 % | 88 | 2 | 90 |
| ES14.ProjetoES | 97,8 % | 88 | 2 | 90 |
| GUI Test.java | 100,0 % | 12 | 0 | 12 |
| ExcelControllerTest.java | 100,0 % | 20 | 0 | 20 |
| AllTests.java | 0,0 % | 0 | 1 | 1 |
| AlgoritmoTest.java | 98,2 % | 56 | 1 | 57 |
| src/main/java | 67,6 % | 286 | 137 | 423 |
| ES14.ProjetoES | 67,6 % | 286 | 137 | 423 |
| Regra.java | 76,9 % | 10 | 3 | 13 |
| GUI.java | 46,5 % | 114 | 131 | 245 |
| ExcelController.java | 94,1 % | 16 | 1 | 17 |
| App.java | 100,0 % | 4 | 0 | 4 |
| Algoritmo.java | 98,6 % | 142 | 2 | 144 |

Cobertura de testes para a métrica “Line Counters”

| Element | Coverage | Covered Branches | Missed Branches | Total Branches |
|--------------------------|---|------------------|-----------------|----------------|
| ProjetoES |  67,9 % | 106 | 50 | 156 |
| src/test/java |  0 % | 0 | 0 | 0 |
| ES14.ProjetoES |  0 % | 0 | 0 | 0 |
| GUITest.java |  0 % | 0 | 0 | 0 |
| ExcelControllerTest.java |  0 % | 0 | 0 | 0 |
| AllTests.java |  0 % | 0 | 0 | 0 |
| AlgoritmoTest.java |  0 % | 0 | 0 | 0 |
| src/main/java |  67,9 % | 106 | 50 | 156 |
| ES14.ProjetoES |  67,9 % | 106 | 50 | 156 |
| Regra.java |  0 % | 0 | 0 | 0 |
| GUI.java |  15,2 % | 7 | 39 | 46 |
| ExcelController.java |  100,0 % | 6 | 0 | 6 |
| App.java |  0 % | 0 | 0 | 0 |
| Algoritmo.java |  89,4 % | 93 | 11 | 104 |

Cobertura de testes para a métrica “Branch Counters”

| Element | Coverage | Covered Instruction... | Missed Instructions | Total Instructions |
|--------------------------|---|------------------------|---------------------|--------------------|
| ProjetoES |  73,5 % | 2 260 | 814 | 3 074 |
| src/test/java |  99,2 % | 775 | 6 | 781 |
| ES14.ProjetoES |  99,2 % | 775 | 6 | 781 |
| GUITest.java |  100,0 % | 41 | 0 | 41 |
| ExcelControllerTest.java |  100,0 % | 69 | 0 | 69 |
| AllTests.java |  0,0 % | 0 | 3 | 3 |
| AlgoritmoTest.java |  99,6 % | 665 | 3 | 668 |
| src/main/java |  64,8 % | 1 485 | 808 | 2 293 |
| ES14.ProjetoES |  64,8 % | 1 485 | 808 | 2 293 |
| Regra.java |  57,4 % | 27 | 20 | 47 |
| GUI.java |  46,2 % | 657 | 765 | 1 422 |
| ExcelController.java |  96,9 % | 94 | 3 | 97 |
| App.java |  100,0 % | 10 | 0 | 10 |
| Algoritmo.java |  97,2 % | 697 | 20 | 717 |

Cobertura de testes para a métrica “Instruction Counters”