



Unidade Curricular: Engenharia de Software

Trabalho de Avaliação Continua – Ano Letivo 2022/2023 | 1º Semestre

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**Licenciatura em Engenharia de Telecomunicações e Informática, 3º ano
1º Semestre**

Metrics and Tests Report

13/12/2022

Contents

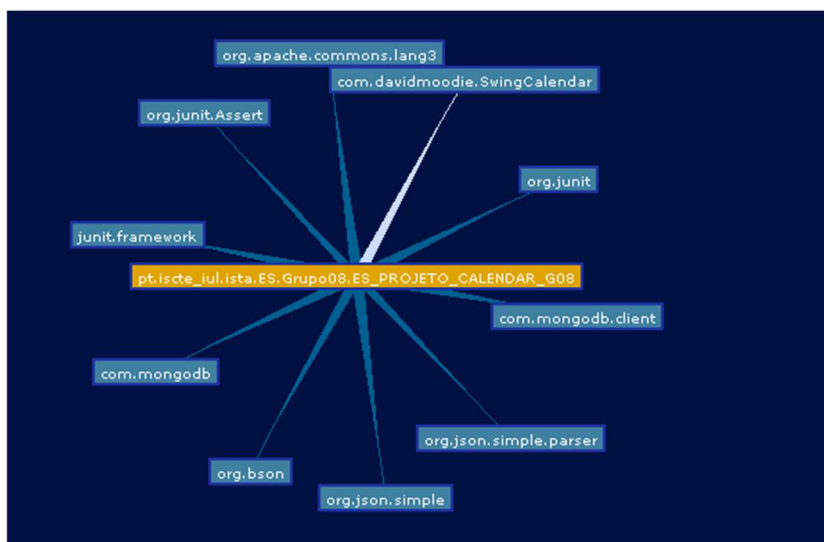
Dependency Graph..... 3

Metrics 4

Code smells 5

Junit Testing 6

Dependency Graph



Metrics

Metric id ="VG" avg ="1.786" stddev ="1.319" points ="14" max ="6" per ="method"

Metric id ="PAR" avg ="1.214" stddev ="1.013" points ="14" max ="4" per ="method"

Metric id ="NBD" avg ="1.929" stddev ="1.223" points ="14" max ="5" per ="method"

Metric id ="CA" value ="0"

Metric id ="CE" value ="3"

Metric id ="RMI" value ="1"

Metric id ="RMA" value ="0"

Metric id ="RMD" value ="0"

Metric id ="DIT" avg ="1" stddev ="0" points ="3" max ="1" per ="type"

Metric id ="WMC" value ="25" avg ="8.333" stddev ="6.128" points ="3" max ="16" per ="type"

Metric id ="NSC" value ="0" avg ="0" stddev ="0" points ="3" max ="0" per ="type"

Metric id ="NORM" value ="0" avg ="0" stddev ="0" points ="3" max ="0" per ="type"

Metric id ="LCOM" avg ="0" stddev ="0" points ="3" max ="0" per ="type"

Metric id ="NOF" value ="8" avg ="2.667" stddev ="3.091" points ="3" max ="7" per ="type"

Metric id ="NSF" value ="1" avg ="0.333" stddev ="0.471" points ="3" max ="1" per ="type"

Metric id ="NOM" value ="12" avg ="4" stddev ="2.944" points ="3" max ="7" per ="type"

Metric id ="NSM" value ="2" avg ="0.667" stddev ="0.471" points ="3" max ="1" per ="type"

Metric id ="SIX" avg ="0" stddev ="0" points ="3" max ="0" per ="type"

Metric id ="NOC" value ="3"

Metric id ="NOI" value ="0"

Metric id ="TLOC" value ="512"

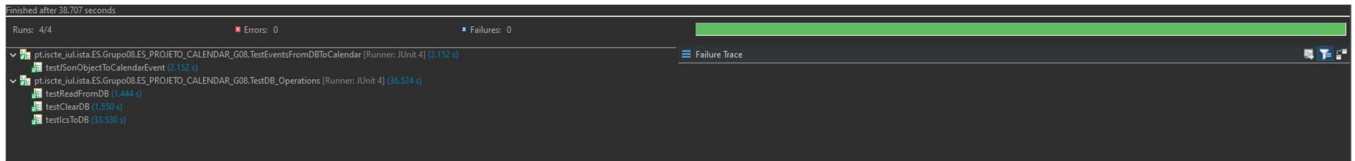
Metric id ="MLOC" value ="438" avg ="31.286" stddev ="80.473" points ="14" max ="319" per ="method"

Code smells

No bad smells for src/main/java

JUnit Testing

Success rate of 100%



Code Coverage

Coverage X					
pt.iscte_iul.ista.ES.Grupo08.ES_PROJETO_CALENDAR_G08 (Dec 13, 2022 4:10:57 PM)					
Element		Coverage	Covered Instructions	Missed Instructions	Total Instructions
ES_PROJETO_CALENDAR_G08		20.8 %	770	2,932	3,702
src/main/java		13.6 %	459	2,913	3,372
pt.iscte_iul.ista.ES.Grupo08.ES_PROJETO_CA		21.7 %	435	1,566	2,001
> App.java		0.0 %	0	1,533	1,533
> DB_Operations.java		86.9 %	219	33	252
> EventsFromDBToCalendar.java		100.0 %	216	0	216
> com.davidmoodie.SwingCalendar		1.8 %	24	1,347	1,371
> src/test/java		94.2 %	311	19	330

Com.davidmoodie.SwingCalendar package was not covered as it is imported code.

App.java class was not covered as it was Java Swing code to draw the GUI. It does not contain logical code elements.