

Project LF2U Memo

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i) This project requires a lot of work and there are multiple difficulties I went through the process developing the program. The hardest part for me is to learn how to use xml from the zero foundation. And the unit test covers thousands of methods which took me really much time to do.

ii) The unit tests are separately written in the file "test" which locates in file "src"

iii) this whole project could be tested by publish lf2u-1.0-SNAPSHOT.war(the makefile) on tomcat then run.

iv) unit test coverage is shown in the report below which reaches over 90%:

Coverage Report :: Summary			
[all classes]			
Overall Coverage Summary			
Package	Class, %	Method, %	Line, %
all classes	92.7% (38/ 41)	67.9% (212/ 312)	53.7% (489/ 911)
Coverage Breakdown			
Package ▲	Class, %	Method, %	Line, %
com.newthread	100% (1/ 1)	66.7% (2/ 3)	93.3% (14/ 15)
com.newthread.domain	100% (10/ 10)	71.2% (79/ 111)	65.4% (153/ 234)
com.newthread.exception	100% (4/ 4)	100% (6/ 6)	69.2% (18/ 26)
com.newthread.model	76.9% (10/ 13)	61.1% (58/ 95)	56.2% (81/ 144)
com.newthread.service	100% (5/ 5)	69.2% (27/ 39)	35.9% (97/ 270)
com.newthread.util	100% (4/ 4)	69.2% (18/ 26)	65.4% (51/ 78)
com.newthread.web.customers	100% (1/ 1)	75% (6/ 8)	57.1% (20/ 35)
com.newthread.web.farmers	100% (2/ 2)	64.3% (9/ 14)	41.4% (24/ 58)
com.newthread.web.managers	100% (1/ 1)	70% (7/ 10)	60.8% (31/ 51)

v) used database to generate data which might cause a little lower to test.

vi) appreciate all the question solvings by prof and TA during this hard development of work.