

Test Execution: Analyzer

DaCoPAn

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Software Engineering Project

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Course

581260 Software Engineering Project (6 cr)

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Change Log

Version	Date	Modifications
1.0	20.05.2004	First version

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1 Execution tests for the Analyzer

1.1 Command line parser

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
22.04.2004	Kulakov K., Salo A.	14	No errors	No fixes

1.2 Log reader

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
21.04.2004	Salo A.	20	No errors	No fixes

1.3 Message mapper

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
27.04.2004	Kulakov K., Surikov V.	4	1. Infinite looping in linking() function. 2. Segmentation fault.	None of errors fixed.
28.04.2004	Kulakov K., Surikov V.	9	1. Infinite looping in mapping_messages()	Infinite looping errors, segmentation fault errors.
02.05.2004	Kulakov K., Surikov V.	7	1. Module failure when logs are empty 2. Error in time shift procedure	Fixed work with empty logs, Fixed time shift procedure.

1.4 Events calculator

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
28.04.2004	Ananin A.	10	1. Segmentation faults in calculate() function	None
30.04.2004	Ananin A.	8	1. Wrong setting of some fields of events. 2. Wrong building links and flows lists.	Error of wrong setting was fixed.
01.05.2004	Ananin A.	4	1. Segmentation faults in calculate() function 2. Wrong building links and flows lists.	Segmentation faults was fixed.
02.05.2004	Ananin A.	4	1. Wrong setting fields of events. 2. Wrong calculating of dropped events.	Wrong setting error was fixed.
03.05.2004	Ananin A.	6	1. Segmentation faults in calculate() function 2. Wrong calculating times-tamps of dropped events. 3. Doesn't add dropped events in the Events sequence.	All errors, calculate right transition times.
05.05.2004	Ananin A.	1	1. Segmentation faults in calc_dropped() function	Fixed wrong calculating dropped events.

1.5 PEF writer

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
3.05.2005	Kirill Kulakov	12	1. Module fault if all messages was sent but not received, 2. Module fault if message was received but not sent, 3. PEF did not print protocol information.	Fixed by Mikhail Kryshen.
5.05.2005	Kirill Kulakov	6	Wrong deleting id in event structure.	Correct deleting id's in main module
5.05.2005	Kirill Kulakov, Viktor Surikov	6	Wrong IP addresses	Fixed by Viktor Surikov
5.05.2005	Kirill Kulakov	6	Wrong format for timestamps	Fixed by Viktor Surikov
6.05.2005	Viktor Surikov	3	Don't correct data format	Unprintable symbols write as \0xXX, where X = [0-9a-f]

1.6 Error processing

Data	Tester(s)	Number of tests	Finded errors	Fixed errors
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