

MT logs for RQ2

We provide the log files generated during the empirical evaluation performed to answer RQ2 in the zip file "RQ2-executionLogs.zip". After decompressing this zip file, you will receive the folder "Logs", which includes 2 sub-folders "CrawledInputs" and "FullInputs". Each sub-folder contains a list of 11 log files. Each log file contains a list of failures corresponding to a single test execution (i.e., the execution of a test case for a metamorphic relation). Each failure might be either a true positive (TP) or a false positive (FP). The difference between the sub-folder "CrawledInputs" and the sub-folder "FullInputs" is that the logs in "CrawledInputs" are generated when metamorphic testing is based on crawled data only while the logs in "FullInputs" are generated when metamorphic testing is based on crawled data and manual inputs.

In the following table we describe the execution logs in each sub-folder.

Log File	Corresponding Metamorphic Relation	Corresponding Test (in smrl.mr.singleTest.SingleTest class)
Log-AUTHN_004.txt	OTG_AUTHN_004	test_OTG_AUTHN_004
Log-AUTHN_010.txt	OTG_AUTHN_010	test_OTG_AUTHN_010
Log-AUTHZ_001b.txt	OTG_AUTHZ_001b	test_OTG_AUTHZ_001b
Log-AUTHZ_002.txt	OTG_AUTHZ_002	test_OTG_AUTHZ_002
Log-AUTHZ_002a.txt	OTG_AUTHZ_002a	test_OTG_AUTHZ_002a
Log-AUTHZ_002b.txt	OTG_AUTHZ_002b	test_OTG_AUTHZ_002b
Log-AUTHZ_002c.txt	OTG_AUTHZ_002c	test_OTG_AUTHZ_002c
Log-AUTHZ_002d.txt	OTG_AUTHZ_002d	test_OTG_AUTHZ_002d
Log-AUTHZ_002e.txt	OTG_AUTHZ_002e	test_OTG_AUTHZ_002e
Log-INPVAL_004.txt	OTG_INPVAL_004	test_OTG_INPVAL_004
Log-SESS_003.txt	OTG_SESS_003	test_OTG_SESS_003