

Issues

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
11015	Klever	Feature	Closed	Urgent	Describe new abilities in development of environment model specifications	Evgeny Novikov	Ilja Zakharov	3.4
10990	Klever	Feature	Closed	Urgent	Describe configuration of verification tools	Evgeny Novikov	Ilja Zakharov	3.4
10964	Klever	Bug	Closed	High	Fix \$ZALLOC memory allocation	Ilja Zakharov	Ilja Zakharov	3.3
10955	Klever	Feature	Closed	Urgent	Describe program decomposition	Evgeny Novikov	Ilja Zakharov	3.4
10954	Klever	Feature	Closed	Urgent	Allow setting action dependencies of savepoints	Ilja Zakharov	Ilja Zakharov	3.4
10951	Klever	Bug	Closed	Urgent	Report clear error messages for incorrectly provided base block actions	Ilja Zakharov	Ilja Zakharov	3.3
10950	Klever	Bug	Closed	Urgent	Fix the deletion of a plain process without choices and jumps	Ilja Zakharov	Ilja Zakharov	3.3
10945	Klever	Feature	Closed	Urgent	Allow to add savepoints for the main process	Evgeny Novikov	Ilja Zakharov	3.4
10942	Klever	Feature	Closed	Urgent	It is tedious to describe callbacks wrappers manually	Ilja Zakharov	Ilja Zakharov	3.3
10941	Klever	Feature	Closed	Urgent	Simplify the work with declarations and definitions at environment models decomposition	Ilja Zakharov	Ilja Zakharov	3.3
10930	Klever	Bug	Closed	Urgent	Fix memory allocation via \$ALLOC in EMG specifications	Ilja Zakharov	Ilja Zakharov	3.3
10929	Klever	Feature	Closed	Urgent	Do not invoke callbacks infinitely and allow to configure the number of iterations	Evgeny Novikov	Ilja Zakharov	3.4
10922	Klever	Feature	Closed	Urgent	Describe user environment model and how to develop it	Evgeny Novikov	Ilja Zakharov	3.3
10920	Klever	Bug	Closed	Urgent	Reschedule verification tasks resulting to OOM	Evgeny Novikov	Ilja Zakharov	3.4
10919	Klever	Bug	Closed	Urgent	Fail if the input specification has as a recursive unused subprocess action	Ilja Zakharov	Ilja Zakharov	3.3
10759	Klever	Feature	Closed	Urgent	Support describing various classes of interaction scenarios within different environment models	Evgeny Novikov	Ilja Zakharov	3.2
10755	Klever	Bug	Closed	Urgent	Double free for environment models	Evgeny Novikov	Ilja Zakharov	3.1
10708	Klever	Bug	Closed	Urgent	EMG misses deregistration of pm_ops in remove	Pavel Andrianov	Ilja Zakharov	3.1
10677	Klever	Bug	Closed	High	Users can easily ruin Native Scheduler by removing tasks.json	Evgeny Novikov	Ilja Zakharov	3.2
10628	Klever	Bug	Closed	Immediate	Catch and fix VTG-VRP hang ups	Evgeny Novikov	Ilja Zakharov	3.0
10622	Klever	Feature	Closed	Urgent	Develop preset tags for EMG	Evgeny Novikov	Ilja Zakharov	3.0
10596	Klever	Bug	Closed	Immediate	Use of uninitialized CPU cores number	Evgeny Novikov	Ilja Zakharov	3.0
10587	Klever	Bug	Closed	Urgent	Check result properly in all Scheduler requests	Ilja Zakharov	Ilja Zakharov	3.0
10585	Klever	Bug	Rejected	High	Do not fail when there is not appropriate Java for CPAchecker	Evgeny Novikov	Ilja Zakharov	
10578	Klever	Bug	Closed	Immediate	Native Scheduler reserves memory but does not use it completely	Evgeny Novikov	Ilja Zakharov	3.0
10570	Klever	Feature	Closed	Urgent	Support generating multiple environment models per a EMG run	Ilja Zakharov	Ilja Zakharov	3.0
10486	Klever	Feature	Closed	High	Develop environment model specification for inode_operations	Evgeny Novikov	Ilja Zakharov	3.3
10484	Klever	Feature	Closed	Normal	Improve and develop filesystem environment model specifications	Evgeny Novikov	Ilja Zakharov	3.3
10472	Klever	Feature	Closed	Urgent	Support lightweight configuration of verification tools for target architecture	Evgeny Novikov	Ilja Zakharov	3.0
10468	Klever	Bug	Closed	Urgent	Improve environment models for runtime power management callbacks	Ilja Zakharov	Ilja Zakharov	3.0

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10453	Klever	Feature	Closed	Urgent	Use device identifiers from the driver tables	Ilja Zakharov	Ilja Zakharov	3.0
10318	Klever	Feature	Closed	Urgent	Support BusyBox in Klever 3.0	Ilja Zakharov	Ilja Zakharov	3.0
10156	Klever	Feature	Closed	Urgent	Introduce environment model test sets for Linux 4.15, 4.17 versions	Ilja Zakharov	Ilja Zakharov	3.0
10138	Klever	Feature	Closed	Urgent	Develop environment model specifications for Linux 5.5	Evgeny Novikov	Ilja Zakharov	3.0
10120	Klever	Bug	Closed	Urgent	Do not include stddef.h for kernel space	Evgeny Novikov	Ilja Zakharov	3.0
10117	Klever	Bug	Closed	Urgent	Fix the most crucial EMG-related fails on Linux 3.14	Ilja Zakharov	Ilja Zakharov	3.0
10086	Klever	Feature	Closed	High	Do not fail on start up during Controller initialization	Evgeny Novikov	Ilja Zakharov	3.2
9988	Klever	Feature	Closed	Urgent	Name environment model functions in a more user friendly way	Evgeny Novikov	Ilja Zakharov	3.0
9934	Klever	Feature	Closed	Urgent	Specify concrete settings for fragmentation	Evgeny Novikov	Ilja Zakharov	3.0
9931	Klever	Feature	Closed	Urgent	Introduce specific comments and error trace actions to distinguish important environment models	Evgeny Novikov	Ilja Zakharov	3.0
9926	Klever	Feature	Closed	Urgent	Do not wait for ~10 seconds before finishing job solution	Evgeny Novikov	Ilja Zakharov	3.0
9873	Klever	Feature	Closed	Urgent	Move creation of initial abstract tasks to PFG	Ilja Zakharov	Ilja Zakharov	3.0
9820	Klever	Bug	Closed	Urgent	Nondeterministic environment model	Pavel Andrianov	Ilja Zakharov	3.0
9703	Klever	Feature	Closed	Urgent	Update BenchExec	Evgeny Novikov	Ilja Zakharov	3.0
9698	Klever	Feature	Closed	Urgent	Move to a new typedef interface collection provided by Clade	Ilja Zakharov	Ilja Zakharov	3.0
9589	Klever	Bug	Closed	Urgent	Fix obtaining compiler options for building models	Evgeny Novikov	Ilja Zakharov	3.0
9584	Klever	Feature	Closed	High	Handle one more warning from BenchExec	Evgeny Novikov	Ilja Zakharov	3.1
9580	Klever	Feature	Closed	Urgent	Develop detailed EMG specifications for Serial drivers	Ilja Zakharov	Ilja Zakharov	3.0
9579	Klever	Feature	Closed	Urgent	Allow describing scenarios for environment models manually	Ilja Zakharov	Ilja Zakharov	3.0
9578	Klever	Feature	Closed	Urgent	Add a new rule for BusyBox to check file descriptors correct usage	Ilja Zakharov	Ilja Zakharov	3.0
9507	Klever	Feature	Closed	Urgent	Update VerifierCloud scheduler to the recent API	Ilja Zakharov	Ilja Zakharov	3.0
9406	Klever	Feature	Closed	Urgent	Ignore an another one useless warning from BenchExec (flawed measurement)	Ilja Zakharov	Ilja Zakharov	3.0
9381	Klever	Feature	Closed	Urgent	Return back program fragment sizes	Evgeny Novikov	Ilja Zakharov	3.0
9354	Klever	Bug	Closed	Urgent	BusyBox verification is broken in Klever-2.0	Ilja Zakharov	Ilja Zakharov	2.0
9353	Klever	Bug	Closed	Urgent	Production mode is broken in Klever-2.0	Ilja Zakharov	Ilja Zakharov	2.0
9348	Klever	Feature	Closed	Urgent	Request for changes in jobs and tasks just after receiving corresponding notifications	Evgeny Novikov	Ilja Zakharov	3.0
9340	Klever	Bug	Closed	Urgent	Use LDV functions for allocating memory	Evgeny Novikov	Ilja Zakharov	2.0
9339	Klever	Bug	Closed	Urgent	Incorrect progress report	Evgeny Novikov	Ilja Zakharov	3.0
9300	Klever	Feature	Closed	Urgent	Implement comfortable configuration of program decomposition for a user	Ilja Zakharov	Ilja Zakharov	2.0
9289	Klever	Bug	Closed	Urgent	Native Scheduler does not properly handle errors with tasks.json	Evgeny Novikov	Ilja Zakharov	2.0
9164	Klever	Feature	Closed	Urgent	Do not fail tasks and jobs if BenchExec detects CPU throttling	Evgeny Novikov	Ilja Zakharov	1.1

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9162	Klever	Feature	Closed	Urgent	Implement strategy based on collected coverage to verify kernel subsystems	Ilja Zakharov	Ilja Zakharov	2.0
9161	Klever	Feature	Closed	Urgent	Load job function coverage in an intermediate representation as an extra file	Ilja Zakharov	Ilja Zakharov	2.0
9004	Klever	Bug	Closed	Immediate	Marks created for new traces contains in call stack auxiliary EMG functions	Ilja Zakharov	Ilja Zakharov	1.0
8941	Klever	Bug	Closed	Urgent	Native Scheduler has a race when cancelling job decisions	Evgeny Novikov	Ilja Zakharov	1.0
8908	Klever	Feature	Closed	Urgent	Progress evaluation shows 100% of progress when tasks and subjobs are not finished still	Ilja Zakharov	Ilja Zakharov	1.0
8905	Klever	Bug	Closed	Immediate	Take into account that Django development server is not powerful	Evgeny Novikov	Ilja Zakharov	1.0
8897	Klever	Feature	Closed	Urgent	Update CPAChecker	Evgeny Novikov	Ilja Zakharov	1.0
8784	Klever	Bug	Closed	Immediate	VerifierCloud reports interruptions as safes	Ilja Zakharov	Ilja Zakharov	1.0
8777	Klever	Bug	Closed	Immediate	Klever hangs again	Ilja Zakharov	Ilja Zakharov	1.0
8759	Klever	Bug	Closed	Urgent	LKVOG filters out some modules even when there are explicitly set by a user	Ilja Zakharov	Ilja Zakharov	2.0
8742	Klever	Bug	Closed	Urgent	Name of copyright owner is incorrect	Ilya Shchepetkov	Ilja Zakharov	1.0
8741	Klever	Feature	Closed	Urgent	Print a clear error message for a user if one of configuration files cannot be parsed	Ilja Zakharov	Ilja Zakharov	1.1
8708	Klever	Feature	Closed	Urgent	Implement a scheduler for Core debugging	Ilja Zakharov	Ilja Zakharov	1.0
8668	Klever	Bug	Closed	Urgent	Connection error warnings can lead to task decision results misinterpretation	Ilja Zakharov	Ilja Zakharov	1.0
8663	Klever	Feature	Closed	Urgent	Treat stopping Core (sub)components as normal executions	Evgeny Novikov	Ilja Zakharov	1.1
8662	Klever	Feature	Closed	Immediate	Workaround authentication issues	Evgeny Novikov	Ilja Zakharov	1.0
8646	Klever	Feature	Closed	Urgent	Optimize total coverage calculation	Evgeny Novikov	Ilja Zakharov	1.1
8627	Klever	Feature	Closed	Urgent	Allow forbidding checking final state	Evgeny Novikov	Ilja Zakharov	2.0
8625	Klever	Bug	Closed	Urgent	VTG consumes too much CPU time	Evgeny Novikov	Ilja Zakharov	1.0
8621	Klever	Feature	Closed	Urgent	Develop environment model specification for category tty_ldisc_ops	Evgeny Novikov	Ilja Zakharov	2.0
8613	Klever	Bug	Closed	Urgent	Inaccurate specification for category tty_operations	Evgeny Novikov	Ilja Zakharov	2.0
8602	Klever	Bug	Closed	Immediate	OSError: [Errno 39] Directory not empty	Evgeny Novikov	Ilja Zakharov	1.0
8598	Klever	Feature	Closed	Urgent	Support partially threaded environment models	Evgeny Novikov	Ilja Zakharov	2.0
8596	Klever	Feature	Closed	Urgent	Allow to enumerate kernel files to be analyzed with modules using directories	Evgeny Novikov	Ilja Zakharov	2.0
8595	Klever	Feature	Closed	Urgent	Add a guard to restrict calling instances related to different containers at registration	Ilja Zakharov	Ilja Zakharov	2.0
8588	Klever	Feature	Closed	High	Support initialization of Linux kernel	Evgeny Novikov	Ilja Zakharov	
8579	Klever	Bug	Closed	Immediate	Progress is not evaluated as 100% for large number of tasks	Evgeny Novikov	Ilja Zakharov	1.0
8571	Klever	Feature	Closed	Urgent	Describe content of verification tasks generated by a multimodule strategy using data attributes	Ilja Zakharov	Ilja Zakharov	2.0
8569	Klever	Feature	Closed	Urgent	Increase length for problem descriptions up to 20 symbols	Ilja Zakharov	Ilja Zakharov	2.0
8566	Klever	Bug	Closed	Urgent	The number of service signing ins does not correspond to the number of service signing outs	Evgeny Novikov	Ilja Zakharov	1.0

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8563	Klever	Bug	Closed	Urgent	Do not send flush requests to VerifierCloud if no tasks available	Ilja Zakharov	Ilja Zakharov	1.0
8528	Klever	Bug	Closed	Urgent	VerifierCloud does not work with the current Klever version	Ilja Zakharov	Ilja Zakharov	1.0
8524	Klever	Bug	Closed	Urgent	If a specifications set is not given VTG hangs	Ilja Zakharov	Ilja Zakharov	1.0
8502	Klever	Bug	Closed	Urgent	Fix EMG tests	Evgeny Novikov	Ilja Zakharov	1.0
8499	Klever	Bug	Closed	Immediate	Do not create extra unknown reports in plugins launcher after plugin failures	Evgeny Novikov	Ilja Zakharov	0.2
8490	Klever	Feature	Closed	Urgent	Allow to limit the maximum number of submitted verification tasks	Evgeny Novikov	Ilja Zakharov	1.0
8483	Klever	Feature	Closed	Urgent	Avoid using BenchExec from within Core	Evgeny Novikov	Ilja Zakharov	1.0
8482	Klever	Feature	Closed	Urgent	Do not wait when job or task solution is ready	Evgeny Novikov	Ilja Zakharov	0.2
8466	Klever	Feature	Closed	Urgent	Improve error messages when Native Scheduler terminates jobs because of reached computational resource limits	Evgeny Novikov	Ilja Zakharov	1.0
8460	Klever	Bug	Closed	Urgent	Klever stops solving tasks	Pavel Andrianov	Ilja Zakharov	0.2
8459	Klever	Bug	Closed	Urgent	After stopping Bridge it can be hard to stop Native Scheduler	Evgeny Novikov	Ilja Zakharov	1.0
8446	Klever	Feature	Closed	Urgent	Fix and improve progress reporting	Evgeny Novikov	Ilja Zakharov	1.0
8438	Klever	Bug	Closed	Urgent	Native Scheduler Job Worker reports useless warnings	Evgeny Novikov	Ilja Zakharov	0.2
8436	Klever	Feature	Closed	Urgent	Switch to configuration driven results processing	Evgeny Novikov	Ilja Zakharov	2.0
8435	Klever	Feature	Closed	Urgent	Always start up the same Core components	Evgeny Novikov	Ilja Zakharov	2.0
8405	Klever	Bug	Closed	Urgent	Schedulers and Controller do not clean up working directories specified with help of absolute paths	Evgeny Novikov	Ilja Zakharov	0.2
8392	Klever	Feature	Closed	Urgent	Remove tasks after processing their solutions	Evgeny Novikov	Ilja Zakharov	0.2
8385	Klever	Bug	Closed	Immediate	Native Scheduler does not properly track Core exit code	Evgeny Novikov	Ilja Zakharov	0.1
8381	Klever	Bug	Closed	Immediate	Fix an inconsistent Run object creation at VerifierCloud Scheduler	Ilja Zakharov	Ilja Zakharov	
8380	Klever	Feature	Closed	Urgent	Specify greater wall time limits	Evgeny Novikov	Ilja Zakharov	1.1
8371	Klever	Feature	Closed	Urgent	Allow to specify units for computational resource limits	Evgeny Novikov	Ilja Zakharov	0.2
8364	Klever	Bug	Closed	Urgent	Internal Server Error when requesting list of connected nodes	Evgeny Novikov	Ilja Zakharov	0.2
8358	Klever	Bug	Closed	Urgent	Accounting of line passes and function calls is broken in CPAchecker BAM	Evgeny Novikov	Ilja Zakharov	0.2
8328	Klever	Bug	Closed	Immediate	Deal with absent BenchExec exit code	Alexey Polushkin	Ilja Zakharov	
8301	Klever	Bug	Closed	Immediate	Restore submitting of specific errors on timelimits and memlimits	Ilja Zakharov	Ilja Zakharov	
8287	Klever	Feature	Closed	Urgent	Add a new option to wait until Controller will initiate its state	Evgeny Novikov	Ilja Zakharov	
8286	Klever	Feature	Closed	High	Clarify what resource limits are exceeded	Evgeny Novikov	Ilja Zakharov	3.2
8271	Klever	Feature	Closed	Urgent	Implement checks of the error trace format in Core	Ilja Zakharov	Ilja Zakharov	0.2
8256	Klever	Feature	Closed	Urgent	Add tests for EMG failures	Ilja Zakharov	Ilja Zakharov	1.0
8240	Klever	Feature	Closed	Urgent	Fix transformation of witnesses to error traces for multithreaded software	Evgeny Novikov	Ilja Zakharov	0.2
8239	Klever	Bug	Closed	High	Strange error message	Evgeny Novikov	Ilja Zakharov	

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8238	Klever	Bug	Closed	High	Wait until storage initialization will be completed	Evgeny Novikov	Ilja Zakharov	
8228	Klever	Bug	Closed	Urgent	Native scheduler fails if tasks.json does not exist	Alexey Polushkin	Ilja Zakharov	
8225	Klever	Feature	Closed	Urgent	Support float CPU cores number, disk and memory node description configs	Ilja Zakharov	Ilja Zakharov	
8202	Klever	Feature	Closed	Urgent	Move completely BenchExec results processing from schedulers to core VTG component	Ilja Zakharov	Ilja Zakharov	
8201	Klever	Feature	Closed	Urgent	Use container mode for running both tasks and jobs	Ilja Zakharov	Ilja Zakharov	
8195	Klever	Bug	Closed	Urgent	New BenchExec provides a different false verdict	Ilja Zakharov	Ilja Zakharov	
8180	Klever	Feature	Closed	Urgent	Schedulers should treat BenchExec warnings as errors	Evgeny Novikov	Ilja Zakharov	
8173	Klever	Feature	Closed	Urgent	Add support for abstract manual verification objects generation	Evgeny Novikov	Ilja Zakharov	2.0
8171	Klever	Feature	Closed	Normal	Get rid of repeated unknowns during multimodule verification	Alexey Polushkin	Ilja Zakharov	2.0
8154	Klever	Bug	Closed	High	Unknown type name	Alexey Polushkin	Ilja Zakharov	
8149	Klever	Feature	Closed	Urgent	Think on proper progress evaluation when several jobs are solved at once or/and much computational resources are available	Evgeny Novikov	Ilja Zakharov	1.0
8123	Klever	Feature	Closed	Urgent	Introduce abstract verification objects generator	Evgeny Novikov	Ilja Zakharov	2.0
8097	Klever	Feature	Closed	Urgent	Decrease the number of requests	Evgeny Novikov	Ilja Zakharov	
8096	Klever	Bug	Closed	Urgent	Schedulers or/and controller makes a lot of redundant signing in without signing out	Evgeny Novikov	Ilja Zakharov	
8091	Klever	Bug	Closed	Urgent	Use proper URL for requesting CSRF token	Evgeny Novikov	Ilja Zakharov	
8087	Klever	Feature	Closed	Urgent	Add an ability to generate verification objects by specifying a list of functions to be defined	Evgeny Novikov	Ilja Zakharov	2.0
8084	Klever	Feature	Closed	Urgent	Add marks for testing and validation sets	Evgeny Novikov	Ilja Zakharov	1.0
8080	Klever	Feature	Closed	Urgent	Clarify validation set	Evgeny Novikov	Ilja Zakharov	1.0
8077	Klever	Bug	Closed	Urgent	Error trace visualizer cannot visualize traces	Ilja Zakharov	Ilja Zakharov	
8068	Klever	Bug	Closed	High	Develop specification for pci_driver callbacks	Ilja Zakharov	Ilja Zakharov	
8067	Klever	Bug	Closed	High	Translator for fair parallel composition is again broken	Ilja Zakharov	Ilja Zakharov	
8066	Klever	Feature	Closed	Urgent	Check and separate Linux specific operations in EMG translators	Ilja Zakharov	Ilja Zakharov	2.0
8065	Klever	Feature	Closed	Urgent	Propose and support process selection for non-module programs	Ilja Zakharov	Ilja Zakharov	2.0
8064	Klever	Feature	Closed	Urgent	Propose and support detailed EMG interface categories specifications for non-module programs	Ilja Zakharov	Ilja Zakharov	2.0
8063	Klever	Feature	Closed	Urgent	Propose and implement method for source analysis of non-module programs	Ilja Zakharov	Ilja Zakharov	2.0
8056	Klever	Feature	Closed	Urgent	Implement an option to disable generation of callback calls for which registration or/and deregistration is unknown	Ilja Zakharov	Ilja Zakharov	2.0
8048	Klever	Bug	Closed	Immediate	NativeScheduler sometimes fails to cancel verification jobs	Evgeny Novikov	Ilja Zakharov	
8041	Klever	Feature	Closed	High	Implement an option to allow calls of unspecified callbacks with limited pattern scenarios	Ilja Zakharov	Ilja Zakharov	

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8038	Klever	Bug	Closed	Immediate	Check for all headers specified in environment model specifications are specified in rule specifications base	Evgeny Novikov	Ilya Zakharov	
8033	Klever	Bug	Closed	High	Update VerifierCloud configuration settings in corresponding scheduler	Ilya Zakharov	Ilya Zakharov	
8011	Klever	Feature	Closed	Immediate	Add an option to easily switch off pattern-based environment modeling	Evgeny Novikov	Ilya Zakharov	
8010	Klever	Bug	Closed	Urgent	Fix scsi host allocation/deallocation kernel model	Alexey Khoroshilov	Ilya Zakharov	
8000	Klever	Feature	Closed	Immediate	Get rid of internal CPAchecker timeout	Evgeny Novikov	Ilya Zakharov	
7998	Klever	Bug	Closed	Urgent	seq_operations specification: Invalid scenario	Alexey Khoroshilov	Ilya Zakharov	
7996	Klever	Bug	Closed	Normal	Scheduler fails with exception	Pavel Andrianov	Ilya Zakharov	
7995	Klever	Feature	Closed	High	Add model of get_sb_bdev() function for memory allocation	Anton Vasilyev	Ilya Zakharov	
7991	Klever	Bug	Closed	Urgent	EMG incorrectly generates artificial registration functions	Ilya Zakharov	Ilya Zakharov	
7990	Klever	Feature	Closed	Urgent	Reinitialize memory for missed probe callback	Ilya Zakharov	Ilya Zakharov	
7987	Klever	Feature	Closed	Urgent	Replace ldv_thread_create and ldv_thread_join by functions from pthreads	Ilya Zakharov	Ilya Zakharov	0.2
7976	Klever	Bug	Closed	High	Wrong callbacks' order for usb_serial_driver model	Anton Vasilyev	Ilya Zakharov	
7965	Klever	Feature	Closed	Urgent	Do not associate callbacks with verification objects	Evgeny Novikov	Ilya Zakharov	
7961	Klever	Bug	Closed	Immediate	NativeScheduler fails to remove job working directory	Evgeny Novikov	Ilya Zakharov	
7957	Klever	Bug	Closed	Urgent	Operate properly in case when Bridge is switched off	Evgeny Novikov	Ilya Zakharov	
7956	Klever	Feature	Closed	Normal	Specification on i2c_register_driver	Anton Vasilyev	Ilya Zakharov	
7955	Klever	Feature	Closed	Urgent	Specification on register_chrdev	Anton Vasilyev	Ilya Zakharov	
7954	Klever	Bug	Closed	High	Gendisk is not properly initialized for block_device_operations->release	Vadim Mutilin	Ilya Zakharov	
7947	Klever	Bug	Closed	High	Cancellation of jobs that work with VerifierCloud does not work	Ilya Zakharov	Ilya Zakharov	
7924	Klever	Feature	Closed	Urgent	Reuse plugin results	Evgeny Novikov	Ilya Zakharov	0.2
7917	Klever	Feature	Closed	Urgent	Take into account configuration to distinguish sub-jobs with the same modules and rule specifications	Vitaly Mordan	Ilya Zakharov	1.0
7905	Klever	Bug	Closed	Immediate	EMG duplicates goto expressions	Ilya Zakharov	Ilya Zakharov	
7901	Klever	Bug	Closed	Immediate	Implement a configuration property to disable all calls by pointers in EMG	Ilya Zakharov	Ilya Zakharov	
7882	Klever	Feature	Closed	Normal	Do not create symbolic link for CPAchecker configurations directory	Evgeny Novikov	Ilya Zakharov	
7868	Klever	Feature	Closed	Urgent	Non-deterministically call scenarios of an environment model that have default registration	Ilya Zakharov	Ilya Zakharov	
7831	Klever	Bug	Closed	Immediate	Generator produce code with memleak	Anton Vasilyev	Ilya Zakharov	
7804	Klever	Bug	Closed	Urgent	Check CPU model in job/task description	Ilya Zakharov	Ilya Zakharov	
7800	Klever	Feature	Closed	Urgent	Refactoring of VTG	Ilya Zakharov	Ilya Zakharov	0.2
7799	Klever	Feature	Closed	Urgent	Integrate Ultimate Automizer as an alternative verification tool	Ilya Zakharov	Ilya Zakharov	0.2
7710	Klever	Feature	Closed	Immediate	Implement a separate process with ldv_initialize() and ldv_check_final_state() calls	Ilya Zakharov	Ilya Zakharov	

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7668	Klever	Bug	Closed	Immediate	Concider more reliable way to track runing tasks and jobs processes and threads	Ilja Zakharov	Ilja Zakharov	
7657	Klever	Feature	Closed	Immediate	Make generated entry points look like C main	Evgeny Novikov	Ilja Zakharov	
7622	Klever	Feature	Closed	Immediate	Add thread identifiers to comments for corresponding control functions	Evgeny Novikov	Ilja Zakharov	
7571	Klever	Bug	Closed	Urgent	Exceptions in VTG strategies aren't reported as corresponding test case failures	Evgeny Novikov	Ilja Zakharov	0.2
7562	Klever	Bug	Closed	Normal	EMG tries to call an object which is not a function	Ilja Zakharov	Ilja Zakharov	
7560	Klever	Bug	Closed	High	EMG generates incorrect pointer dereferences with not existing structure member	Ilja Zakharov	Ilja Zakharov	
7554	Klever	Bug	Closed	Urgent	EMG translator sometimes cannot generate code with multiple branches	Ilja Zakharov	Ilja Zakharov	
7552	Klever	Bug	Closed	Urgent	Do not fall into infinite recursion when canceling jobs	Evgeny Novikov	Ilja Zakharov	
7549	Klever	Bug	Closed	Urgent	Avoid deadlocks when there is not enough CPU cores a priori	Evgeny Novikov	Ilja Zakharov	
7547	Klever	Feature	Closed	Urgent	Try to get rid of maximum number of instances that can be generated	Evgeny Novikov	Ilja Zakharov	
7543	Klever	Bug	Closed	Immediate	EMG should use typedef names rather than typedef definitions	Evgeny Novikov	Ilja Zakharov	
7541	Klever	Bug	Closed	Urgent	EMG should not call callbacks at all if one would not like this	Evgeny Novikov	Ilja Zakharov	
7520	Klever	Bug	Closed	Normal	For IIO drivers EMG uses irqreturn_t that couldn't be undefined	Evgeny Novikov	Ilja Zakharov	
7475	Klever	Feature	Closed	Urgent	Pre_probe was not called before post_probe	Vitaly Mordan	Ilja Zakharov	
7470	Klever	Feature	Closed	Urgent	Add support for user-oriented time limit	Evgeny Novikov	Ilja Zakharov	1.1
7469	Klever	Bug	Closed	Urgent	EMG starts to call "remove" callback before "probe" callback for structure i2c_driver	Evgeny Novikov	Ilja Zakharov	
7465	Klever	Feature	Closed	Urgent	Explicitly specify proper memory allocation for interfaces of well known categories	Evgeny Novikov	Ilja Zakharov	
7464	Klever	Feature	Closed	Urgent	Support specifications set "latest" for verifying latest versions of the Linux kernel	Evgeny Novikov	Ilja Zakharov	
7459	Klever	Bug	Closed	Immediate	EMG mixes up handlers from different structures	Vadim Mutilin	Ilja Zakharov	
7456	Klever	Bug	Closed	Urgent	EMG generates incorrect environment model for drivers/usb/core/usbcore.ko	Evgeny Novikov	Ilja Zakharov	
7452	Klever	Feature	Closed	Urgent	Allow to overwrite default options specified for verifiers	Evgeny Novikov	Ilja Zakharov	0.2
7451	Klever	Feature	Closed	Urgent	Extract default verifier options from VTG strategies source code to configuration file	Evgeny Novikov	Ilja Zakharov	0.2
7450	Klever	Bug	Closed	Immediate	Incomplete matching of default resources	Ilja Zakharov	Ilja Zakharov	
7439	Klever	Feature	Closed	Urgent	Specify kernel versions for event categories and interface categories specifications	Ilja Zakharov	Ilja Zakharov	
7438	Klever	Feature	Closed	Urgent	Separate interface categories and event categories specifications into different files	Ilja Zakharov	Ilja Zakharov	
7437	Klever	Bug	Closed	Immediate	Implement smart addition of headers	Ilja Zakharov	Ilja Zakharov	
7436	Klever	Bug	Closed	Low	EMG incorrectly matches by default interfaces on expression in process descriptions	Ilja Zakharov	Ilja Zakharov	
7434	Klever	Feature	Closed	High	Try BenchExec 1.9 with container mode	Evgeny Novikov	Ilja Zakharov	
7429	Klever	Bug	Closed	Immediate	EMG removes unused interfaces required for event categories specification	Ilja Zakharov	Ilja Zakharov	

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7428	Klever	Bug	Closed	Immediate	EMG incorrectly generates label-based automata code if subprocesses are used in some cases	Ilja Zakharov	Ilja Zakharov	
7425	Klever	Bug	Closed	Normal	EMG generates incorrect C code for parallel model	Pavel Andrianov	Ilja Zakharov	
7405	Klever	Bug	Closed	Immediate	EMG generates environment models nondeterministically (all modules of Linux 3.14)	Vitaly Mordan	Ilja Zakharov	
7361	Klever	Bug	Closed	Immediate	EMG nondeterministically loses callback invocations	Evgeny Novikov	Ilja Zakharov	
7360	Klever	Bug	Closed	High	EMG doesn't work without "great" heuristic	Evgeny Novikov	Ilja Zakharov	
7346	Klever	Feature	Closed	Urgent	Non deterministically specify that some callbacks can be called in the interrupt context	Evgeny Novikov	Ilja Zakharov	
7339	Klever	Feature	Closed	Urgent	Restrict values of parameter of write callback of file operations	Evgeny Novikov	Ilja Zakharov	
7316	Klever	Feature	Closed	Urgent	Provide users with data allowing to switch off automaton instances and switch them off if users want so	Evgeny Novikov	Ilja Zakharov	
7297	Klever	Feature	Closed	Urgent	Missed allocation for global pointers	Anton Vasilyev	Ilja Zakharov	
7283	Klever	Bug	Closed	Urgent	EMG generates more instances than real container elements in an array	Ilja Zakharov	Ilja Zakharov	
7281	Klever	Bug	Closed	High	EMG generates variables with unknown size	Vitaly Mordan	Ilja Zakharov	
7278	Klever	Bug	Closed	Urgent	EMG deactivates all automatons at the same time	Pavel Andrianov	Ilja Zakharov	
7277	Klever	Bug	Closed	Normal	EMG generates useless code	Pavel Andrianov	Ilja Zakharov	
7276	Klever	Bug	Closed	Urgent	EMG skips some structures	Pavel Andrianov	Ilja Zakharov	
7273	Klever	Bug	Closed	Urgent	There is no remove after successful probe for platform_driver structure	Vadim Mutilin	Ilja Zakharov	
7270	Klever	Bug	Closed	Urgent	EMG incorrectly models deregistration	Ilja Zakharov	Ilja Zakharov	
7268	Klever	Bug	Closed	Urgent	EMG uses uninitialized pointer with flag to implement signal dispatches	Ilja Zakharov	Ilja Zakharov	
7267	Klever	Bug	Closed	High	Option "instance modifier" is broken	Pavel Andrianov	Ilja Zakharov	
7266	Klever	Bug	Closed	Urgent	EMG cannot match an interrupt thread in terms of threaded_irq model	Ilja Zakharov	Ilja Zakharov	
7265	Klever	Feature	Closed	Immediate	Klever during building tests cannot find linux and verifier directories	Ilja Zakharov	Ilja Zakharov	
7264	Klever	Feature	Closed	Normal	EMG should generate ldv_thread_join with two arguments	Pavel Andrianov	Ilja Zakharov	
7262	Klever	Bug	Closed	Normal	EMG generates unused variables	Pavel Andrianov	Ilja Zakharov	
7260	Klever	Bug	Closed	Normal	EMG does not generate a call for a handler	Pavel Andrianov	Ilja Zakharov	
7248	Klever	Bug	Closed	Normal	VerifierCloud scheduler fails if task deos not has verifier version	Ilja Zakharov	Ilja Zakharov	
7247	Klever	Bug	Closed	Normal	EMG cannot generate label of suitable type to save callback return value	Ilja Zakharov	Ilja Zakharov	
7246	Klever	Bug	Closed	Normal	EMG tries to cast signatures during an environment preparation	Ilja Zakharov	Ilja Zakharov	
7245	Klever	Bug	Closed	High	EMG generates variables for labels with conflicting types	Ilja Zakharov	Ilja Zakharov	
7244	Klever	Bug	Closed	Normal	EMG declares and operates with variables of types non-visible in the file with an entry point	Ilja Zakharov	Ilja Zakharov	
7223	Klever	Feature	Closed	Urgent	Use Klever extensions to Python multiprocessing for deciding sub-jobs in parallel	Evgeny Novikov	Ilja Zakharov	1.0

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7200	Klever	Bug	Closed	Immediate	EMG hangs	Evgeny Novikov	Ilya Zakharov	
7199	Klever	Bug	Closed	Normal	EMG generates release() after all callbacks	Pavel Andrianov	Ilya Zakharov	
7195	Klever	Feature	Closed	Urgent	Add specification for structure se_subsystem_api	Evgeny Novikov	Ilya Zakharov	
7192	Klever	Bug	Closed	High	EMG works extremely slow on drivers/gpu/drm/gma500/gma500_gfx.ko	Ilya Zakharov	Ilya Zakharov	
7190	Klever	Feature	Rejected	Normal	Add a case for nondet return in the main loop	Pavel Andrianov	Ilya Zakharov	
7187	Klever	Bug	Closed	Immediate	EMG misses calls to handlers	Evgeny Novikov	Ilya Zakharov	
7186	Klever	Bug	Closed	Immediate	AttributeError: 'str' object has no attribute 'use'	Evgeny Novikov	Ilya Zakharov	
7185	Klever	Bug	Closed	Immediate	EMG degraded on fs/nfs/nfs.ko	Evgeny Novikov	Ilya Zakharov	
7182	Klever	Bug	Closed	Immediate	EMG starts to fail on net/tipc/tipc.ko	Evgeny Novikov	Ilya Zakharov	
7180	Klever	Bug	Closed	Immediate	EMG consumes too much memory when processing gma500_gfx.ko	Evgeny Novikov	Ilya Zakharov	
7171	Klever	Feature	Closed	High	Call ldv_pre_probe() just before calling module probe callbacks	Evgeny Novikov	Ilya Zakharov	
7170	Klever	Feature	Closed	High	Call ldv_initialize() just before all module initialization functions	Evgeny Novikov	Ilya Zakharov	
7142	Klever	Bug	Closed	Normal	There are too much device attribute process instances in an environment model	Ilya Zakharov	Ilya Zakharov	
7141	Klever	Bug	Closed	High	Factory process does not consider number of possible child instances	Pavel Andrianov	Ilya Zakharov	
7140	Klever	Bug	Closed	Immediate	Filter positive values returned by models of kernel functions	Ilya Zakharov	Ilya Zakharov	
7136	Klever	Bug	Closed	Normal	Fix match of pci_driver category with a process	Ilya Zakharov	Ilya Zakharov	
7133	Klever	Bug	Closed	Immediate	EMG loses containers on stage of instantiating a process	Ilya Zakharov	Ilya Zakharov	
7118	Klever	Bug	Closed	Normal	Interrupt types are not defined in a model code	Ilya Zakharov	Ilya Zakharov	
7117	Klever	Bug	Closed	Normal	EMG generates too many parameters for a callback	Ilya Zakharov	Ilya Zakharov	
7110	Klever	Bug	Closed	Immediate	EMG doesn't support modules leading to very many process instances	Evgeny Novikov	Ilya Zakharov	
7071	Klever	Bug	Rejected	Normal	CIF fails on drivers/staging/comedi/comedi.ko	Alexey Polushkin	Ilya Zakharov	
7045	Klever	Bug	Closed	High	EMG calls object which is not a function	Ilya Zakharov	Ilya Zakharov	
7044	Klever	Bug	Closed	High	EMG declares void variable or field	Ilya Zakharov	Ilya Zakharov	
7043	Klever	Bug	Closed	Normal	EMG generates a parameter with incompatible type	Ilya Zakharov	Ilya Zakharov	
7042	Klever	Bug	Closed	High	EMG incorrectly matches usb probe callback in comedi driver	Ilya Zakharov	Ilya Zakharov	
7041	Klever	Bug	Closed	High	There are declarations which cannot be parsed by EMG	Ilya Zakharov	Ilya Zakharov	
7040	Klever	Bug	Closed	High	EMG treats string as a declaration object	Ilya Zakharov	Ilya Zakharov	
7039	Klever	Bug	Closed	High	EMG incorrectly generates callback calls for unknown callbacks	Ilya Zakharov	Ilya Zakharov	
7037	Klever	Bug	Closed	Immediate	EMG became too greedy	Evgeny Novikov	Ilya Zakharov	
7029	Klever	Bug	Closed	High	VerifierCloud stops working with wrong provided credentials	Ilya Zakharov	Ilya Zakharov	
7028	Klever	Bug	Closed	Normal	EMG does not print enum name	Ilya Zakharov	Ilya Zakharov	
7027	Klever	Bug	Closed	High	Critical errors are processed differently by schedulers	Evgeny Novikov	Ilya Zakharov	

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7026	Klever	Bug	Closed	High	VerifierCloud Scheduler doesn't terminate when meets critical errors	Evgeny Novikov	Ilja Zakharov	
7025	Linux Driver Verification	Bug	Closed	High	EMG prints enum without an identifier	Ilja Zakharov	Ilja Zakharov	
7024	Klever	Bug	Closed	High	EMG incorrectly works with interrupt callbacks	Ilja Zakharov	Ilja Zakharov	
7023	Klever	Bug	Rejected	Low	EMG fails to determine a field interface in a container	Ilja Zakharov	Ilja Zakharov	
7022	Klever	Bug	Closed	Low	EMG fails to generate access to a field of a structure	Ilja Zakharov	Ilja Zakharov	
7021	Klever	Bug	Closed	Urgent	Check element with init functions properly	Ilja Zakharov	Ilja Zakharov	
6913	Klever	Feature	Closed	Normal	Describe EMG intermediate representation	Vadim Mutilin	Ilja Zakharov	
6906	Klever	Feature	Closed	Urgent	Make VTG strategies task decision requests delay configurable	Evgeny Novikov	Ilja Zakharov	0.2
6899	Klever	Bug	Closed	Urgent	EMG eats too much memory for drivers/net/ethernet/qlogic/qlcnic/qlcnic.ko	Evgeny Novikov	Ilja Zakharov	
6822	Klever	Feature	Closed	Urgent	Support for workqueues in EMG	Vadim Mutilin	Ilja Zakharov	2.0
6815	Klever	Bug	Closed	High	Availability of schedulers is checked badly	Evgeny Novikov	Ilja Zakharov	
6812	Klever	Bug	Rejected	High	Reduce number of timelimits with a new environment model	Ilja Zakharov	Ilja Zakharov	
6807	Klever	Feature	Closed	Urgent	Separate verification tasks generation and verification results processing	Evgeny Novikov	Ilja Zakharov	0.2
6778	Klever	Bug	Closed	High	EMG generates too many parameters for callback stubs	Ilja Zakharov	Ilja Zakharov	
6774	Klever	Bug	Closed	High	EMG cannot determine callback implementation	Ilja Zakharov	Ilja Zakharov	
6773	Klever	Bug	Closed	High	EMG fails trying to determine interface implementation	Ilja Zakharov	Ilja Zakharov	
6771	Klever	Bug	Closed	High	SA cannot parse global variable initializations report	Ilja Zakharov	Ilja Zakharov	
6764	Klever	Feature	Closed	Urgent	Rewrite LDV Tools new envgen environment model specifications for EMG	Ilja Zakharov	Ilja Zakharov	
6733	Klever	Bug	Closed	High	Bridge does not show running jobs and tasks on scheduler page	Ilja Zakharov	Ilja Zakharov	
6732	Klever	Feature	Closed	Urgent	Support non-system architectures	Evgeny Novikov	Ilja Zakharov	
6701	Klever	Bug	Closed	Immediate	Add specific comments to an environment model	Ilja Zakharov	Ilja Zakharov	
6700	Klever	Feature	Closed	Low	Improve visualization of environment model automata	Ilja Zakharov	Ilja Zakharov	
6699	Klever	Feature	Closed	Urgent	Native scheduler does not take care of verifier version	Ilja Zakharov	Ilja Zakharov	
6698	Klever	Feature	Closed	Normal	Generate parallel environment model	Ilja Zakharov	Ilja Zakharov	
6693	Klever	Feature	Closed	Urgent	Assign role heuristically for each unknown callback	Ilja Zakharov	Ilja Zakharov	
6663	Klever	Feature	Closed	High	Port tests for environment models generation from LDV Tools	Evgeny Novikov	Ilja Zakharov	
6661	Klever	Feature	Closed	High	Develop job for testing environment models generation	Evgeny Novikov	Ilja Zakharov	
6657	Klever	Feature	Closed	High	Relate tasks with jobs	Evgeny Novikov	Ilja Zakharov	
6656	Klever	Bug	Closed	Urgent	Do not decide tasks of failed jobs	Evgeny Novikov	Ilja Zakharov	
6655	Klever	Bug	Closed	Urgent	Scheduling deadlocks	Evgeny Novikov	Ilja Zakharov	
6637	Klever	Feature	Closed	Normal	Parse options for verifiers without parameters	Evgeny Novikov	Ilja Zakharov	
6623	Klever	Feature	Closed	Urgent	Include license and headers to source files	Evgeny Novikov	Ilja Zakharov	

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6618	Klever	Feature	Closed	Urgent	Not all restrictions of verification tasks are passed to BenchExec	Evgeny Novikov	Ilja Zakharov	
6616	Klever	Bug	Closed	Urgent	Remove enumerating of verifiers from native tasks worker configuration	Evgeny Novikov	Ilja Zakharov	
6614	Klever	Feature	Closed	Urgent	Intellectual scheduling	Evgeny Novikov	Ilja Zakharov	1.1
6610	Klever	Bug	Closed	Urgent	Properly place SA and EMG specifications	Evgeny Novikov	Ilja Zakharov	
6608	Klever	Feature	Closed	Urgent	Generate abstract verification tasks in parallel	Evgeny Novikov	Ilja Zakharov	0.2
6589	Klever	Feature	Closed	Urgent	Merge core.components.Component.launch_subcomponents() with core.Core.launch_all_components() and core.Core.wait_for_components()	Evgeny Novikov	Ilja Zakharov	1.0
6584	Klever	Bug	Closed	Urgent	Fix schedulers logging	Evgeny Novikov	Ilja Zakharov	1.1
6578	Klever	Bug	Closed	High	Fix exceptions caused by USB interface category specification	Ilja Zakharov	Ilja Zakharov	
6577	Klever	Bug	Closed	Normal	Generate simpler control functions by EMG	Ilja Zakharov	Ilja Zakharov	
6576	Klever	Bug	Closed	Normal	Generate kernel models in EMG without loop when it is possible	Ilja Zakharov	Ilja Zakharov	
6575	Klever	Feature	Closed	Urgent	EMG does not support modeling of interrupt callback invocations	Ilja Zakharov	Ilja Zakharov	
6573	Klever	Bug	Closed	Normal	EMG ignores kernel macros	Ilja Zakharov	Ilja Zakharov	
6572	Klever	Feature	Closed	Normal	Process arrays and other types in EMG	Ilja Zakharov	Ilja Zakharov	
6571	Klever	Feature	Closed	High	Support modules without or with non-standard approaches to provide init and exit functions	Ilja Zakharov	Ilja Zakharov	
6570	Klever	Feature	Closed	High	Iterate over dictionaries deterministically in EMG	Ilja Zakharov	Ilja Zakharov	
6569	Klever	Feature	Closed	Normal	One cannot use signatures as a callback parameter in interface categories specification	Ilja Zakharov	Ilja Zakharov	
6568	Klever	Feature	Closed	Urgent	Determine heuristically default registration and deregistration functions	Ilja Zakharov	Ilja Zakharov	
6567	Klever	Feature	Closed	Normal	Order of default registrations and deregistrations	Ilja Zakharov	Ilja Zakharov	
6566	Klever	Feature	Closed	Normal	Default registration and deregistration signal parameters are missed	Ilja Zakharov	Ilja Zakharov	
6565	Klever	Feature	Closed	High	Implement grammar to parse C signatures	Ilja Zakharov	Ilja Zakharov	
6564	Klever	Feature	Closed	Low	Assign category to each process in EMG	Ilja Zakharov	Ilja Zakharov	
6561	Klever	Feature	Closed	High	Import and export module interface specification	Ilja Zakharov	Ilja Zakharov	
6560	Klever	Bug	Closed	Normal	Determine incomplete types in the module scope	Ilja Zakharov	Ilja Zakharov	
6559	Klever	Bug	Closed	Normal	Process in SA arrays and structure pointers	Ilja Zakharov	Ilja Zakharov	
6558	Klever	Feature	Closed	Normal	Support several init and exit functions in EMG and SA	Ilja Zakharov	Ilja Zakharov	
6557	Klever	Bug	Closed	Normal	Avoid modifying abstract task in SA	Ilja Zakharov	Ilja Zakharov	
6555	Klever	Feature	Closed	High	Reschedule failed tasks	Ilja Zakharov	Ilja Zakharov	
6554	Klever	Feature	Closed	Urgent	Native scheduler does not track disk space	Ilja Zakharov	Ilja Zakharov	
6545	Klever	Feature	Closed	Urgent	Invoke BenchExec task with several C files	Ilja Zakharov	Ilja Zakharov	0.2
6544	Klever	Feature	Closed	Normal	Merge solve_job and solve_task functions in native scheduler	Ilja Zakharov	Ilja Zakharov	

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6542	Klever	Bug	Closed	Urgent	Provide proper description about job or task fails in native scheduler	Ilja Zakharov	Ilja Zakharov	
6540	Klever	Feature	Closed	High	Merge scheduler job and task clients code	Ilja Zakharov	Ilja Zakharov	
3348	Linux Driver Verification	Bug	Closed	Normal	envgen does not find functions wrapped in macro in struct initializers	Vadim Mutilin	Ilja Zakharov	
959	Linux Driver Verification	Bug	Closed	Normal	Incorrect order of callback function calls: acquire before release	Evgeny Novikov	Ilja Zakharov	