Issues

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
10964	Klever	Bug	Closed	High	Fix $ZALLOC memory allocation	Ilja Zakharov	Ilja Zakharov	3.3
10958	Klever	Feature	New	High	Check translator restrictions and raise exceptions if necessary	Ilja Zakharov	Ilja Zakharov	
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
10949	Klever	Feature	New	Normal	Track dependencies during the combinatorial decomposition tactic in EMG	Ilja Zakharov	Ilja Zakharov	
10948	Klever	Feature	New	High	Add means to add headers and declarations globally in EMG specifications	Ilja Zakharov	Ilja Zakharov	
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
10919	Klever	Bug	Closed	Urgent	Fail if the input specification has as a recursive unused subprocess action	Ilja Zakharov	Ilja Zakharov	3.3
10896	Klever	Bug	Closed	Urgent	Replace WRITE_ONCE macro to avoid CPAchecker hangings	Ilja Zakharov	Evgeny Novikov	3.3
10776	Klever	Bug	New	High	PM runtime model doesn't set runtime_status field	Ilja Zakharov	Ilja Zakharov	
10623	Klever	Bug	Rejected	Immediate	Results processor fails with an exception	Ilja Zakharov	Evgeny Novikov	3.0
10587	Klever	Bug	Closed	Urgent	Check result properly in all Scheduler requests	Ilja Zakharov	Ilja Zakharov	3.0
10570	Klever	Feature	Closed	Urgent	Support generating multiple environment models per a EMG run	Ilja Zakharov	Ilja Zakharov	3.0
10469	Klever	Feature	Closed	High	Required to implement a specification for input_ff_create_memless	Ilja Zakharov	Evgeny Novikov	3.7
10468	Klever	Bug	Closed	Urgent	Improve environment models for runtime power management callbacks	Ilja Zakharov	Ilja Zakharov	3.0
10454	Klever	Feature	New	High	Implement a conditional choice of functions for an environment model	Ilja Zakharov	Ilja Zakharov	
10453	Klever	Feature	Closed	Urgent	Use device identifiers from the driver tables	Ilja Zakharov	Ilja Zakharov	3.0
10426	Klever	Bug	Closed	Immediate	Bridge prints tags as a plain list instead of a tree	Ilja Zakharov	Vladimir Gratinskiy	3.0
10318	Klever	Feature	Closed	Urgent	Support BusyBox in Klever 3.0	Ilja Zakharov	Ilja Zakharov	3.0
10317	C Instrumentation Framework	Bug	Closed	Urgent	Avoid pointers to GCC internal structure __va_list_tag in function definition parameters	Ilja Zakharov	Evgeny Novikov	
10316	Klever	Feature	New	High	Reimplement configuration of postgressql at local deployment	Ilja Zakharov		
10298	Deductive Verification Tools for Linux Kernel	Bug	Closed	Normal	CIL fails with 'implicit prototype cannot have variadic arguments'	Ilja Zakharov	Mikhail Mandrykin	
10163	Klever	Bug	Rejected	Immediate	Bridge does not show total coverage	Ilja Zakharov		3.0
10160	Klever	Bug	Rejected	Immediate	Bridge does not apply some unknown marks	Ilja Zakharov		3.0
10159	Klever	Bug	Closed	Immediate	Unclear usage of colours in the reports comparison table	Ilja Zakharov	Vladimir Gratinskiy	3.0

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10156	Klever	Feature	Closed	Urgent	Introduce environment model test sets for Linux 4.15, 4.17 versions	Ilja Zakharov	Ilja Zakharov	3.0
10153	Klever	Feature	Rejected	Urgent	There is no specification set attribute	Ilja Zakharov		3.0
10118	C Instrumentation Framework	Bug	Closed	Urgent	CIF generates invalid source files on some Linux 3.14 modules	Ilja Zakharov	Evgeny Novikov	
10117	Klever	Bug	Closed	Urgent	Fix the most crucial EMG-related fails on Linux 3.14	Ilja Zakharov	Ilja Zakharov	3.0
9960	C Instrumentation Framework	Bug	Closed	High	Support type attribute transparent_union	Ilja Zakharov	Evgeny Novikov	
9959	Deductive Verification Tools for Linux Kernel	Bug	New	Normal	Frama-C (CIL) cannot assign to non-modifiable lval	Ilja Zakharov		
9894	Deductive Verification Tools for Linux Kernel	Bug	Closed	Normal	Frama-C (CIL) cannot represent an integer	Ilja Zakharov	Mikhail Mandrykin	
9893	Deductive Verification Tools for Linux Kernel	Bug	Rejected	Normal	Frama-C (CIL) cannot do a cast	Ilja Zakharov		
9873	Klever	Feature	Closed	Urgent	Move creation of initial abstract tasks to PFG	Ilja Zakharov	Ilja Zakharov	3.0
9847	Klever	Bug	Closed	Urgent	Klever incorrectly shows coverage in libraries at visualization of error traces	Ilja Zakharov	Vladimir Gratinskiy	3.0
9842	Klever	Bug	Rejected	High	Prevent copying media content at open-stack deployment	Ilja Zakharov		
9838	Klever	Bug	Rejected	High	The Klever deployments script incorrectly installs build bases	Ilja Zakharov		
9837	Klever	Feature	Rejected	Urgent	Allow at least for development purposes using an existing user instead of klever	Ilja Zakharov		
9714	Klever	Feature	New	High	Update preset jobs for production use	Ilja Zakharov	Ilja Zakharov	
9698	Klever	Feature	Closed	Urgent	Move to a new typedef interface collection provided by Clade	Ilja Zakharov	Ilja Zakharov	3.0
9696	Klever	Bug	Rejected	Urgent	Klever deployment script removes build bases	Ilja Zakharov		
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
9518	Klever	Feature	Closed	Urgent	Change the color scheme for coverage from red to green	Ilja Zakharov	Vladimir Gratinskiy	3.0
9507	Klever	Feature	Closed	Urgent	Update VerifierCloud scheduler to the recent API	Ilja Zakharov	Ilja Zakharov	3.0
9506	Klever	Feature	Closed	Urgent	Support VerifierCloud installations without authentication	Ilja Zakharov	Vladimir Gratinskiy	3.0
9413	Klever	Feature	Rejected	Urgent	Set total verdict and total similarity more precisely on base of automatic marks association	Ilja Zakharov	Vladimir Gratinskiy	3.0
9412	Klever	Feature	Closed	Urgent	Support more advanced calculation of total verdicts and similarity	Ilja Zakharov	Vladimir Gratinskiy	3.0
9406	Klever	Feature	Closed	Urgent	Ignore an another one useless warning from BenchExec (flawed measurement)	Ilja Zakharov	Ilja Zakharov	3.0
9396	Klever	Feature	Closed	Urgent	Allow creating tags with the same names at different branches	Ilja Zakharov	Vladimir Gratinskiy	3.0

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9382	Klever	Bug	Closed	Urgent	Button "Reports->Clear verification files" does nothing	Ilja Zakharov	Vladimir Gratinskiy	3.0
9356	Klever	Feature	Closed	Urgent	Do not deploy the same build bases	Ilja Zakharov	Ilya Shchepetkov	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
9350	Klever	Feature	New	High	Update validation tasks that require function pointer analysis	Ilja Zakharov		
9319	Klever	Feature	Closed	Urgent	Remove from user unterface options related to building programs	Ilja Zakharov	Vladimir Gratinskiy	2.0
9318	Klever	Feature	Closed	Urgent	Bridge does not show data attributes at verification report pages	Ilja Zakharov	Vladimir Gratinskiy	2.0
9306	Klever	Feature	Closed	Urgent	Klever-2.0 does not work in OpenStack cloud	Ilja Zakharov	Evgeny Novikov	2.0
9305	Klever	Feature	New	High	Provide a list of undefined and modelled functions for a fragment under verification	Ilja Zakharov	Ilja Zakharov	
9304	Klever	Feature	Closed	Urgent	Completely remove program compilation from Klever	Ilja Zakharov	Evgeny Novikov	2.0
9300	Klever	Feature	Closed	Urgent	Implement comfortable configuration of program decomposition for a user	Ilja Zakharov	Ilja Zakharov	2.0
9220	Klever	Bug	Closed	Immediate	Bridge fails if max disk limitation is 0	Ilja Zakharov	Vladimir Gratinskiy	1.1
9219	Klever	Bug	Closed	Immediate	Start decision job page looks badly	Ilja Zakharov	Vladimir Gratinskiy	1.1
9218	Klever	Bug	Closed	Immediate	Admin cannot view jobs tree	Ilja Zakharov	Vladimir Gratinskiy	1.1
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
9151	Klever	Bug	Closed	Urgent	Bridge starts job even if job.json or tasks.json is invalid	Ilja Zakharov	Vladimir Gratinskiy	2.0
9080	Klever	Bug	Closed	Immediate	Downloading and uploading all marks does not work	Ilja Zakharov	Evgeny Novikov	1.1
9038	Klever	Bug	Closed	Urgent	Remove population rights from admin but show "Upload jobs tree" button	Ilja Zakharov	Vladimir Gratinskiy	2.0
9019	Klever	Bug	Closed	Immediate	Downloading and uploading of marks does not work	Ilja Zakharov	Vladimir Gratinskiy	1.0
9017	Klever	Bug	Closed	Immediate	Change of a converted error trace does not lead to assotiated leaf reports similarity recalculation	Ilja Zakharov	Vladimir Gratinskiy	1.0
9016	Klever	Feature	Closed	Urgent	Show total similarity in unsafes and marks tables	Ilja Zakharov	Vladimir Gratinskiy	2.0
9015	Klever	Bug	Rejected	Immediate	Cannot upload several jobs in one archive	Ilja Zakharov		1.0
9004	Klever	Bug	Closed	Immediate	Marks created for new traces contains in call stack auxiliary EMG functions	Ilja Zakharov	Ilja Zakharov	1.0
8980	Klever	Bug	Closed	Immediate	Jobs comparison is broken	Ilja Zakharov	Vladimir Gratinskiy	1.0
8937	Klever	Feature	Closed	Urgent	Highlight JSON files syntax and check its correctness in the online editor	Ilja Zakharov	Vladimir Gratinskiy	2.0
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
8906	Klever	Feature	Closed	Urgent	Allow creating job presets with allowed safe marks	Ilja Zakharov	Vladimir Gratinskiy	1.0
8798	Klever	Bug	Closed	Urgent	Deployment open-stack scripts cannot setup VM	Ilja Zakharov	Evgeny Novikov	1.0
8784	Klever	Bug	Closed	Immediate	VerifierCloud reports interruptions as safes	Ilja Zakharov	Ilja Zakharov	1.0

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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
8751	Klever	Bug	New	High	New EMG does not call callbacks from i2c_driver	Ilja Zakharov	Ilja Zakharov	
8744	Klever	Feature	New	High	Introduce a macro to manually specify model comments in environment models	Ilja Zakharov		
8743	Klever	Feature	Closed	Urgent	ETV in Bridge does not replace function call by a provided entry_point comment	Ilja Zakharov	Vladimir Gratinskiy	2.0
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
8733	Klever	Feature	Closed	Urgent	Allow creating marks for unknowns with particular attributes	Ilja Zakharov	Vladimir Gratinskiy	1.0
8729	Klever	Feature	Closed	Urgent	Bridge does not work with Django 2.*	Ilja Zakharov	Vladimir Gratinskiy	1.0
8717	Klever	Bug	Closed	Immediate	Population does not work with unsafes marks in presets	Ilja Zakharov	Vladimir Gratinskiy	1.0
8708	Klever	Feature	Closed	Urgent	Implement a scheduler for Core debugging	Ilja Zakharov	Ilja Zakharov	1.0
8690	Klever	Bug	Closed	Immediate	LKVOG fails at solving tests	Ilja Zakharov	Alexey Polushkin	1.0
8679	Klever	Bug	Closed	Urgent	Do not consider missed task as an error	Ilja Zakharov	Vladimir Gratinskiy	1.0
8668	Klever	Bug	Closed	Urgent	Connection error warnings can lead to task decision results misinterpretation	Ilja Zakharov	Ilja Zakharov	1.0
8595	Klever	Feature	Closed	Urgent	Add a guard to restrict calling isntances related to different containers at registration	Ilja Zakharov	Ilja Zakharov	2.0
8581	Klever	Bug	New	High	Simplify generation of new threads at registrations for instances	Ilja Zakharov	Ilja Zakharov	
8571	Klever	Feature	Closed	Urgent	Describe content of verification tasks generated by a multimodule strategy using data attributes	Ilja Zakharov	Ilja Zakharov	2.0
8570	Klever	Feature	Closed	Urgent	Introduce data attributes	Ilja Zakharov	Vladimir Gratinskiy	1.0
8569	Klever	Feature	Closed	Urgent	Increase length for problem descriptions up to 20 symbols	Ilja Zakharov	Ilja Zakharov	2.0
8563	Klever	Bug	Closed	Urgent	Do not send flush requests to VerifierCloud if no tasks available	Ilja Zakharov	Ilja Zakharov	1.0
8536	Klever	Feature	Closed	Urgent	Untie coverage report from any components name	Ilja Zakharov	Vladimir Gratinskiy	1.0
8528	Klever	Bug	Closed	Urgent	VerifierCloud does not work with the current Klever version	Ilja Zakharov	Ilja Zakharov	1.0
8525	Klever	Bug	Closed	Urgent	At verification of modules from Linux 2.6.33 LKBCE creates dozens of similar elf64-x86-64 files	Ilja Zakharov	Alexey Polushkin	1.0
8524	Klever	Bug	Closed	Urgent	If a specifications set is not given VTG hangs	Ilja Zakharov	Ilja Zakharov	1.0
8512	Klever	Bug	Closed	Immediate	Cannot update OpenStack instance after creation	Ilja Zakharov	Evgeny Novikov	1.0
8510	Klever	Feature	Closed	Urgent	Update tests for multimodule verification	Ilja Zakharov	Alexey Polushkin	1.0
8509	Klever	Feature	New	High	Introduce common prefixes for problems to group them together	Ilja Zakharov		
8491	Klever	Feature	Rejected	Urgent	Update the progress reporting implementation in Bridge	Ilja Zakharov		1.0
8453	Klever	Bug	New	High	Some rules are broken and cannot be used without CIL	Ilja Zakharov	Evgeny Novikov	
8444	Klever	Feature	Rejected	Urgent	Restore progress calculation	Ilja Zakharov		0.2
8443	Klever	Bug	Closed	Immediate	Error at creation of mark without tags	Ilja Zakharov	Vladimir Gratinskiy	0.2

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8442	Klever	Bug	Rejected	Urgent	Names of components have been changed and tests and hardcoded names in Bridge should be updated	Ilja Zakharov		0.2
8441	Klever	Feature	Closed	Urgent	Get input files of verifies by verification task identifiers	Ilja Zakharov	Vladimir Gratinskiy	0.2
8408	Klever	Bug	New	High	Initialize all local variables in addition to pointers and function pointers as nondet values	Ilja Zakharov	Ilja Zakharov	
8407	Klever	Bug	New	High	Do not pass unitialized function pointers to functions and pass null instead	Ilja Zakharov	Ilja Zakharov	
8403	Klever	Bug	Closed	High	Table with validation results is overlapped by a table with components reports in the Chrome browser	Ilja Zakharov	Vladimir Gratinskiy	3.0
8381	Klever	Bug	Closed	Immediate	Fix an inconsistent Run object creation at VerifierCloud Scheduler	Ilja Zakharov	Ilja Zakharov	
8373	Klever	Bug	New	Normal	Improve iio_triggered_buffer env model	Ilja Zakharov		
8372	Klever	Feature	Closed	Urgent	Visualize a comment instead of function name at eye-folding	Ilja Zakharov	Vladimir Gratinskiy	0.2
8315	Klever	Bug	Closed	Urgent	Creation of marks is extremly slow currently	Ilja Zakharov	Vladimir Gratinskiy	
8301	Klever	Bug	Closed	Immediate	Restore submiting of specific errors on timelimits and memlimits	Ilja Zakharov	Ilja Zakharov	
8299	Klever	Feature	Closed	Urgent	Implement a new request to get statuses of solving tasks	Ilja Zakharov	Vladimir Gratinskiy	0.2
8273	Klever	Feature	New	High	Transfer marks with the job solution results if threre are exist	Ilja Zakharov	Evgeny Novikov	
8271	Klever	Feature	Closed	Urgent	Implement checks of the error trace format in Core	Ilja Zakharov	Ilja Zakharov	0.2
8261	Klever	Bug	Rejected	Urgent	Operational error at Bridge	Ilja Zakharov		
8257	Klever	Feature	Rejected	Urgent	Adapt existing job presets for ARM platfrom or develop separate ones	Ilja Zakharov		
8256	Klever	Feature	Closed	Urgent	Add tests for EMG failures	Ilja Zakharov	Ilja Zakharov	1.0
8233	Klever	Bug	Closed	Immediate	There is no page refereshing and notification about stopping page refreshing	Ilja Zakharov	Vladimir Gratinskiy	
8229	Klever	Bug	Rejected	Immediate	Cnnot load job report into LDVStore	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	
8196	Klever	Bug	Rejected	Urgent	Set the last provided with a line directory file instead of setting a default one at witness visualization	Ilja Zakharov		3.0
8195	Klever	Bug	Closed	Urgent	New BenchExec provides a different false verdict	Ilja Zakharov	Ilja Zakharov	
8170	Klever	Feature	Closed	Immediate	Set maximum restrictions for verification tasks at Bridge web interface	Ilja Zakharov	Vladimir Gratinskiy	
8157	Klever	Bug	Closed	Urgent	Deletion of input files of verifiers does not work	Ilja Zakharov	Vladimir Gratinskiy	
8135	Klever	Feature	New	High	Precise environment model can reveal bug in a driver that incorrectly uses registration or allocation functions	Ilja Zakharov	Ilja Zakharov	
8077	Klever	Bug	Closed	Urgent	Error trace visualizer cannot visualize traces	Ilja Zakharov	Ilja Zakharov	
8076	Klever	Bug	New	Normal	Improve model for ieee80211_alloc_hw	Ilja Zakharov	Ilja Zakharov	

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8075	Klever	Bug	New	Normal	Improve file_operations specification	Ilja Zakharov	Ilja Zakharov	
8074	Klever	Bug	New	Normal	Improve model for alloc_netdev	Ilja Zakharov	Ilja Zakharov	
8073	Klever	Bug	New	High	Improve usb_serial_driver specification	Ilja Zakharov	Ilja Zakharov	
8072	Klever	Feature	New	High	Environment model should correctly use device identifiers	Ilja Zakharov	Ilja Zakharov	
8071	Klever	Bug	New	High	Develop specification for platform_driver_register	Ilja Zakharov	Ilja Zakharov	
8070	Klever	Bug	New	High	Develop model for usb_class_driver	Ilja Zakharov	Ilja Zakharov	
8069	Klever	Bug	New	High	Improve specification for i2c_driver	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
8041	Klever	Feature	Closed	High	Implement an option to allow calls of unspecified callbacks with limited pattern scenarios	Ilja Zakharov	Ilja Zakharov	
8033	Klever	Bug	Closed	High	Update VerifierCloud configuration settings in corresponding scheduler	Ilja Zakharov	Ilja Zakharov	
8032	Klever	Feature	New	Normal	New version of EMG does not call callbacks from arrays of structures	Ilja Zakharov	Ilja Zakharov	
8008	Klever	Feature	Rejected	High	There is no marks shown at comparison page for transitions from Unknown->Unsafe	Ilja Zakharov		
8007	Klever	Bug	Closed	High	Cannot look at several comparisons simultaneously	Ilja Zakharov	Vladimir Gratinskiy	
7992	Klever	Bug	Closed	Urgent	RSB fails at witnesses processing during validation run	Ilja Zakharov	Evgeny Novikov	
7991	Klever	Bug	Closed	Urgent	EMG incorrectly generates artificial registration functions	Ilja Zakharov	Ilja Zakharov	
7990	Klever	Feature	Closed	Urgent	Reinitialize memory for missed probe callback	Ilja Zakharov	Ilja Zakharov	
7988	Klever	Feature	New	Normal	Automatic editing of mark patterns	Ilja Zakharov	Vladimir Gratinskiy	
7987	Klever	Feature	Closed	Urgent	Replace ldv_thread_create and ldv_thread_join by functions from pthreads	Ilja Zakharov	Ilja Zakharov	0.2
7979	Klever	Feature	New	High	Implement a EMG translator for simplified environment model with signal exchange	Ilja Zakharov	Ilja Zakharov	
7947	Klever	Bug	Closed	High	Cancellation of jobs that work with VerifierCloud does not work	Ilja Zakharov	Ilja Zakharov	
7934	Klever	Bug	Closed	Urgent	VerifierCloud scheduler fails due to Bridge internal server error	Ilja Zakharov	Vladimir Gratinskiy	
7930	Klever	Feature	Feedback	High	Propose to show all actions of scenarios if it contains at least one note in error trace	Ilja Zakharov		

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7928	Klever	Bug	New	High	Rule linux:block:genhd forbids double allocation	Ilja Zakharov		
7919	Klever	Feature	Closed	Urgent	Allow to create marks including not only model function calls but also callbacks as leaves	Ilja Zakharov	Vladimir Gratinskiy	
7905	Klever	Bug	Closed	Immediate	EMG dublicates goto expressions	Ilja Zakharov	Ilja Zakharov	
7901	Klever	Bug	Closed	Immediate	Implement a configuration property to disable all calls by pointers in EMG	Ilja Zakharov	Ilja Zakharov	
7868	Klever	Feature	Closed	Urgent	Non-deterministically call scenarios of an environment model that have default registration	Ilja Zakharov	Ilja Zakharov	
7825	Klever	Bug	Rejected	Immediate	Incorrect file with a correct line number is given in error trace json	Ilja Zakharov		
7821	Klever	Bug	Closed	Immediate	Incorrectly visualized error trace function call stack padding	Ilja Zakharov	Vladimir Gratinskiy	
7810	Klever	Bug	Rejected	Normal	Cil file does not contain module init function and part of the generated environment model but it should	Ilja Zakharov		
7805	Klever	Bug	Closed	High	No verification objects generated for validator commits	Ilja Zakharov	Alexey Polushkin	
7804	Klever	Bug	Closed	Urgent	Check CPU model in job/task description	Ilja Zakharov	Ilja Zakharov	
7801	Klever	Feature	Closed	Urgent	Increase size of the report component name to 20 from 15	Ilja Zakharov	Vladimir Gratinskiy	0.2
7800	Klever	Feature	Closed	Urgent	Refactoring of VTG	Ilja Zakharov	Ilja Zakharov	0.2
7799	Klever	Feature	Closed	Urgent	Integrate Ultimate Automizer as an alternative verification tool	Ilja Zakharov	Ilja Zakharov	0.2
7792	Klever	Bug	Rejected	Normal	Cannot open error trace from validation set	Ilja Zakharov		
7784	Klever	Bug	New	Normal	Can provide negative number of CPU cores	Ilja Zakharov	Vladimir Gratinskiy	
7779	Klever	Bug	Closed	Urgent	The "Stop decision" button does not work	Ilja Zakharov	Vladimir Gratinskiy	
7764	Klever	Feature	Rejected	High	Klever unpack given kernel archive for each sub-job	Ilja Zakharov		
7747	Klever	Feature	Closed	High	Start decision date updating requires page refreshing	Ilja Zakharov	Vladimir Gratinskiy	
7710	Klever	Feature	Closed	Immediate	Implement a separate process with ldv_initialize() and ldv_check_final_state() calls	Ilja Zakharov	Ilja Zakharov	
7668	Klever	Bug	Closed	Immediate	Concider more reliable way to track runing tasks and jobs processes and threads	Ilja Zakharov	Ilja Zakharov	
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	
7553	Klever	Bug	Closed	Urgent	Bridge does not forbid creation of several unknown marks with the same problem	Ilja Zakharov	Vladimir Gratinskiy	
7472	Klever	Bug	New	Normal	EMG may incorrectly match callbacks parameters with several provided labels parameters	Ilja Zakharov	Ilja Zakharov	
7450	Klever	Bug	Closed	Immediate	Incomplete matching of default resources	Ilja Zakharov	Ilja Zakharov	
7441	Klever	Bug	Rejected	Immediate	Cannot upload job archive	Ilja Zakharov	Vladimir Gratinskiy	
7439	Klever	Feature	Closed	Urgent	Specify kernel versions for event categories and interface categories specifications	Ilja Zakharov	Ilja Zakharov	

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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	
7429	Klever	Bug	Closed	Immediate	EMG removes unused interfaces required for event categories specification	Ilja Zakharov	Ilja Zakharov	
7428	Klever	Bug	Closed	Immediate	EMG incorectly generates label-based automata code if subprocesses are used in some cases	Ilja Zakharov	Ilja Zakharov	
7331	Klever	Feature	Rejected	Normal	Model in_irq kernel macro	Ilja Zakharov		
7283	Klever	Bug	Closed	Urgent	EMG generates more instances than real container elements in an array	Ilja Zakharov	Ilja Zakharov	
7270	Klever	Bug	Closed	Urgent	EMG incorretly 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	
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	
7249	Klever	Bug	Rejected	Normal	VerifierCloud Scheduler doesn't ask for and get (multiple) error trace from CPAchecker	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	
7192	Klever	Bug	Closed	High	EMG works extremly slow on drivers/gpu/drm/gma500/gma500_gfx.ko	Ilja Zakharov	Ilja Zakharov	
7144	Klever	Bug	New	Normal	EMG generates a declaration with a flexible array member not at end of struct	Ilja Zakharov	Ilja Zakharov	
7142	Klever	Bug	Closed	Normal	There are too much device attribute process instances in an environment model	Ilja Zakharov	Ilja Zakharov	
7140	Klever	Bug	Closed	Immediate	Filter positive values returned by models of kernel functions	Ilja Zakharov	Ilja Zakharov	
7138	Klever	Bug	New	Normal	Specify environment model specification for usb_composite_driver	Ilja Zakharov	Ilja Zakharov	
7137	Klever	Bug	New	Normal	Specify environment model specification for hc_driver	Ilja Zakharov	Ilja Zakharov	
7136	Klever	Bug	Closed	Normal	Fix match of pci_driver category with a process	Ilja Zakharov	Ilja Zakharov	
7135	Klever	Bug	New	Normal	Specify environment model specification for hsi_client_driver	Ilja Zakharov	Ilja Zakharov	
7134	Klever	Bug	New	Normal	Specify environment model specification for virtio_driver	Ilja Zakharov	Ilja Zakharov	
7133	Klever	Bug	Closed	Immediate	EMG looses containers on stage of instanciating a process	Ilja Zakharov	Ilja Zakharov	
7118	Klever	Bug	Closed	Normal	Interrupt types are not defined in a model code	Ilja Zakharov	Ilja Zakharov	
7117	Klever	Bug	Closed	Normal	EMG generates too many parameters for a callback	Ilja Zakharov	Ilja Zakharov	

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7116	Klever	Bug	Rejected	Normal	Implicit declaration of ldv_usb_lock* functions	Ilja Zakharov		
7115	C Instrumentation Framework	Bug	Closed	Immediate	CIF fails with segmentation fault on several drivers	Ilja Zakharov	Evgeny Novikov	
7114	Klever	Bug	Rejected	Normal	CIF fails during source analysis of SA due to an many decimal points error	Ilja Zakharov		
7113	Klever	Bug	Rejected	Normal	CIF fails during source analysis of SA due to an implicit declaration error	Ilja Zakharov		
7112	Klever	Bug	Closed	Urgent	Cannot commit mark change	Ilja Zakharov	Vladimir Gratinskiy	
7111	C Instrumentation Framework	Bug	Rejected	Normal	CIF causes a EMG failure due to incorrect result of inforequest provided for sound/oss/ad1848.ko	Ilja Zakharov	Evgeny Novikov	
7045	Klever	Bug	Closed	High	EMG calls object which is not a function	Ilja Zakharov	Ilja Zakharov	
7044	Klever	Bug	Closed	High	EMG declares void variable or field	Ilja Zakharov	Ilja Zakharov	
7043	Klever	Bug	Closed	Normal	EMG generates a parameter with incompatible type	Ilja Zakharov	Ilja Zakharov	
7042	Klever	Bug	Closed	High	EMG incorrectly matches usb probe callback in comedi driver	Ilja Zakharov	Ilja Zakharov	
7041	Klever	Bug	Closed	High	There are declarations which cannot be parsed by EMG	Ilja Zakharov	Ilja Zakharov	
7040	Klever	Bug	Closed	High	EMG treats string as a declaration object	Ilja Zakharov	Ilja Zakharov	
7039	Klever	Bug	Closed	High	EMG incorrectly generates callback calls for unknown callbacks	Ilja Zakharov	Ilja Zakharov	
7038	Klever	Bug	Closed	Immediate	ABKM hangs after solution of a verification task	Ilja Zakharov	Evgeny Novikov	
7029	Klever	Bug	Closed	High	VerifierCloud stops working with wrong provided credentials	Ilja Zakharov	Ilja Zakharov	
7028	Klever	Bug	Closed	Normal	EMG does not print enum name	Ilja Zakharov	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 contaner	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	
7020	Klever	Feature	Closed	Urgent	Scale content in accordance with screen sizes	Ilja Zakharov	Vladimir Gratinskiy	
7019	Klever	Bug	Closed	Urgent	Exception during creation of a new mark	Ilja Zakharov	Vladimir Gratinskiy	
7015	Klever	Bug	Closed	Normal	Media directory does not exist	Ilja Zakharov	Vladimir Gratinskiy	
7013	Klever	Bug	Closed	Urgent	Provide 12-characters of a commit identifier	Ilja Zakharov	Evgeny Novikov	
6968	C Instrumentation Framework	Bug	Rejected	Urgent	Query for global variables initialization skippes type	Ilja Zakharov	Evgeny Novikov	
6927	C Instrumentation Framework	Feature	Rejected	Urgent	Incomplete signature for function parameter	Ilja Zakharov	Evgeny Novikov	
6896	C Instrumentation Framework	Bug	Rejected	Urgent	Incomplete typedef signature	Ilja Zakharov	Evgeny Novikov	

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6812	Klever	Bug	Rejected	High	Reduce number of timelimits with a new environment model	Ilja Zakharov	Ilja Zakharov	
6811	Klever	Feature	Rejected	Normal	Generate several verification tasks from multi-module abstract one	Ilja Zakharov		
6810	Klever	Feature	Rejected	Normal	Generate several verification tasks on base of CPAchecker statistics	Ilja Zakharov		
6809	Klever	Feature	Rejected	Normal	Generate verification tasks with different verifier options in case of timeouts	Ilja Zakharov		
6806	Klever	Feature	New	Normal	Visualize CPAchecker statistics within Bridge	Ilja Zakharov	Vladimir Gratinskiy	
6804	Klever	Feature	New	Normal	Upload CPAchecker statistics in the development mode	Ilja Zakharov		
6803	Klever	Feature	New	Normal	Extract CPAchecker statistics from its log	Ilja Zakharov	Ilja Zakharov	
6802	Klever	Bug	New	Normal	Native scheduler does not add host information to task decision report	Ilja Zakharov		
6801	Klever	Feature	New	Normal	Upload and show CPAchecker statistics in development mode	Ilja Zakharov		
6778	Klever	Bug	Closed	High	EMG generates too many parameters for callback stubs	Ilja Zakharov	Ilja Zakharov	
6776	Klever	Bug	Closed	Immediate	Argument Signature Extractor does not weave in aspects generated by other plugins	Ilja Zakharov	Evgeny Novikov	
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	
6769	Klever	Bug	Closed	High	External commands failures are not included into unknown reports	Ilja Zakharov	Evgeny Novikov	
6766	Klever	Feature	Closed	Urgent	Common interface for both environment model and rule specifications	Ilja Zakharov	Evgeny Novikov	
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	
6703	Klever	Feature	New	Normal	Generate several environment models per abstract verification task	Ilja Zakharov	Ilja Zakharov	
6702	Klever	Feature	New	Low	Generate restricted environment model	Ilja Zakharov	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	
6697	Klever	Feature	Closed	Normal	Generate multi-module verification objects	Ilja Zakharov	Alexey Polushkin	
6693	Klever	Feature	Closed	Urgent	Assign role heuristically for each unknown callback	Ilja Zakharov	Ilja Zakharov	
6579	Klever	Feature	Closed	Urgent	Implement reuse of specifications in preset jobs	Ilja Zakharov	Evgeny Novikov	
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	
6574	Klever	Bug	Open	Normal	Initialize callback parameters by default	Ilja Zakharov	Ilja Zakharov	

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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	Detemine 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	
6563	Klever	Feature	Closed	Normal	Implement multi-module environement model	Ilja Zakharov	Alexey Polushkin	
6562	Klever	Feature	Rejected	High	Import and export intermediate environment model	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	
6556	Klever	Bug	Rejected	Normal	Move template processing to a separate library	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	
6553	Klever	Feature	New	High	Extract common functions of schedulers into schedulers common library	Ilja Zakharov	Ilja Zakharov	
6552	Klever	Feature	New	High	Implement Cluster Scheduler	Ilja Zakharov	Ilja Zakharov	
6551	Klever	Bug	Closed	High	Update VerifierCloud client API usage	Ilja Zakharov	Evgeny Novikov	
6550	Klever	Feature	New	Low	Update test generator module for schedulers	Ilja Zakharov		
6549	Klever	Bug	Rejected	Urgent	Handling many verification tasks at once	Ilja Zakharov	Evgeny Novikov	
6548	C Instrumentation Framework	Feature	Open	High	Determine files with type declarations	Ilja Zakharov	Evgeny Novikov	
6547	C Instrumentation Framework	Feature	Open	Low	Source code quering to get information on local variables	Ilja Zakharov	Evgeny Novikov	
6546	C Instrumentation Framework	Feature	Open	High	GCC replaces boolean conjuction with bit precise analogue	Ilja Zakharov	Evgeny Novikov	
6545	Klever	Feature	Closed	Urgent	Invoke BenchExec task with several C files	Ilja Zakharov	Ilja Zakharov	0.2

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6544	Klever	Feature	Closed	Normal	Merge solve_job and solve_task functions in native scheduler	Ilja Zakharov	Ilja Zakharov	
6543	Klever	Bug	Rejected	High	Fix processing of RunExec return values	Ilja Zakharov		
6542	Klever	Bug	Closed	Urgent	Provide proper description about job or task fails in native scheduler	Ilja Zakharov	Ilja Zakharov	
6541	Klever	Feature	New	Low	Scheduler exclusive execution check	Ilja Zakharov		
6540	Klever	Feature	Closed	High	Merge scheduler job and task clients code	Ilja Zakharov	Ilja Zakharov	
5693	Linux Driver Verification	Bug	Resolved	Normal	Current version of LDV sometimes terminates durung interaction with CPAcloud	Ilja Zakharov	Ilja Zakharov	
5562	Linux Driver Verification	Bug	Resolved	Normal	Fix ignorance of additional CPAchecker options in CPAcloud	Ilja Zakharov	Ilja Zakharov	
5347	Linux Driver Verification	Bug	New	Low	Cannot upload pax archive with results obtained with deg-2	Ilja Zakharov	Ilja Zakharov	
5307	Linux Driver Verification	Feature	New	Normal	Current problem recalculation is too slow	Ilja Zakharov	Vitaly Mordan	
4596	C Instrumentation Framework	Feature	Closed	High	Cross instrumentation with CIF	Ilja Zakharov	Evgeny Novikov	
4588	Linux Driver Verification	Bug	Closed	Normal	NewArch::KernelKey	Ilja Zakharov	Ilya Shchepetkov	
4587	Linux Driver Verification	Bug	Closed	Normal	NewArch::GitNetworkActivity	Ilja Zakharov	Ilya Shchepetkov	
4463	C Instrumentation Framework	Bug	Open	High	DEG2 inforequests failed after switching to the new CIF and aspectator versions.	Ilja Zakharov	Evgeny Novikov	
4174	C Instrumentation Framework	Bug	Open	High	Typedef irq_handler_t is't matched properly	Ilja Zakharov	Evgeny Novikov	
3857	C Instrumentation Framework	Bug	Closed	Normal	macro infrequest is applied only once	Ilja Zakharov	Evgeny Novikov	
3596	C Instrumentation Framework	Feature	Closed	High	Formatted printing of source code query result	Ilja Zakharov	Evgeny Novikov	
3564	C Instrumentation Framework	Feature	Closed	High	Support a macro name as an aspect body pattern	Ilja Zakharov	Evgeny Novikov	
3071	C Instrumentation Framework	Bug	Rejected	Normal	character "Ã" wasn't put to stream	Ilja Zakharov	Evgeny Novikov	
1839	Linux Driver Verification	Bug	Open	Normal	Ldv-manager can't find bug in driver	Ilja Zakharov	Ilja Zakharov	