

## Issues

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
9411	Klever	Bug	Rejected	Urgent	SQL syntax errors for MariaDB	Vadim Mutilin	Vladimir Gratinskiy	
9404	Klever	Feature	Rejected	High	Feature: marks download format for version control repository	Vadim Mutilin	Vladimir Gratinskiy	
9372	C Instrumentation Framework	Bug	Rejected	High	"cif" failed: redefinition of 'struct ftrace_branch_data' for net/xfrm/xfrm_user.ko	Vadim Mutilin		
9371	Klever	Bug	Rejected	Urgent	Could not find "working source trees.json"	Vadim Mutilin		
9370	Klever	Bug	Rejected	Normal	Misleading message of Core failure	Vadim Mutilin		
9369	Klever	Bug	Closed	Urgent	Update production silently ignores wrong directory name	Vadim Mutilin	Evgeny Novikov	3.0
9368	Klever	Bug	Rejected	High	Warning during deployment to openstack cloud	Vadim Mutilin		3.0
9367	Klever	Bug	Closed	Urgent	Misleading message in the error description	Vadim Mutilin	Evgeny Novikov	3.0
9366	Klever	Bug	Closed	Urgent	How to commit files after editing	Vadim Mutilin	Vladimir Gratinskiy	3.0
9233	Klever	Bug	Rejected	High	"make" failed for drivers/mtd/mtd.ko	Vadim Mutilin		
8967	Klever	Bug	Closed	Urgent	Download files for competition does not allow to choose Unknowns	Vadim Mutilin	Vladimir Gratinskiy	2.0
8706	Klever	Feature	Closed	Urgent	Permanent (pretty) URLs for error traces	Vadim Mutilin	Vladimir Gratinskiy	1.0
8382	Klever	Feature	Rejected	High	Provide a way to prepare verification tasks without CIL	Vadim Mutilin		
8232	Klever	Bug	New	High	ieeee80211_register_hw should register callbacks instead of ieeee80211_alloc_hw	Vadim Mutilin	Ilja Zakharov	
8231	Klever	Bug	Closed	Urgent	ldv_memory_free is called without parameters	Vadim Mutilin	Anton Vasilyev	1.1
8188	Klever	Bug	New	Normal	IS_ERR is not matched in 4.2.6 for ldv_is_err	Vadim Mutilin		
7999	Klever	Feature	Rejected	High	Options of the verification tools should not be hardcoded inside Klever	Vadim Mutilin		
7958	Linux Kernel Safety RuleDB	Task	New	Normal	Never directly free @dev after calling device_add function	Vadim Mutilin		
7954	Klever	Bug	Closed	High	Gendisk is not properly initialized for block_device_operations->release	Vadim Mutilin	Ilja Zakharov	
7948	Klever	Bug	New	High	linux:alloc: misleading comment	Vadim Mutilin		
7946	Klever	Bug	New	High	linux:kernel:sched:completion: Misleading comment	Vadim Mutilin		
7943	Klever	Bug	New	High	linux:usb:urb allocated memory with kzalloc	Vadim Mutilin		
7942	Klever	Feature	New	High	Use models of atomic_dec_and_test and atomic_set for all rule specifications	Vadim Mutilin		
7940	Klever	Bug	New	High	linux:drivers:base:class should support several allocations of different chrdev	Vadim Mutilin		

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7937	Klever	Feature	New	High	Develop and use models for get_device/device_add/put_device for all rule specifications	Vadim Mutilin		
7936	Klever	Bug	New	High	Kernel model for dev_set_drvdata is absent or impresize	Vadim Mutilin	Evgeny Novikov	
7935	Klever	Bug	Closed	Immediate	Remove more auxiliary functions properly	Vadim Mutilin	Evgeny Novikov	
7929	Klever	Bug	Rejected	Urgent	linux:usb:urb: usb_get_urb does not allocate memory	Vadim Mutilin		
7926	Klever	Feature	Rejected	Normal	Show description for mark	Vadim Mutilin		
7923	Klever	Feature	Rejected	Normal	Show trace during creation of the mark	Vadim Mutilin		
7921	Klever	Bug	Rejected	Immediate	Wrong function name in witness visualization	Vadim Mutilin		
7920	Klever	Feature	Closed	High	Always request for user first and last name during registration and profile changes	Vadim Mutilin	Vladimir Gratinskiy	
7918	Klever	Bug	Rejected	High	Visualizer reports strange message on the top right corner	Vadim Mutilin		
7895	C Instrumentation Framework	Bug	Rejected	Urgent	Parsing failed: Duplicate label in CPAchecker input	Vadim Mutilin		
7877	Klever	Feature	New	High	BenchExec should be used properly	Vadim Mutilin		
7808	Klever	Bug	Rejected	Low	Cil generates incorrect line directives for an inline function with an include statement inside	Vadim Mutilin		
7793	Klever	Feature	Closed	Urgent	Show CPU time for verification tasks	Vadim Mutilin	Vladimir Gratinskiy	
7670	Klever	Bug	Closed	Urgent	Instrumentation of memory allocation functions from driver code should correctly pass size of memory	Vadim Mutilin	Anton Vasilyev	1.0
7627	C Instrumentation Framework	Feature	New	Normal	SV-COMP compilation issues for clang compiler	Vadim Mutilin		
7580	Klever	Feature	Closed	Immediate	Download verifications tasks for the SV-COMP	Vadim Mutilin	Vladimir Gratinskiy	
7545	Klever	Feature	Rejected	High	Highlight driver callback invocations generated by EMG	Vadim Mutilin		
7459	Klever	Bug	Closed	Immediate	EMG mixes up handlers from different structures	Vadim Mutilin	Ilja Zakharov	
7457	Klever	Bug	New	Normal	EMG should not use the same lock context for callbacks inside registration	Vadim Mutilin	Ilja Zakharov	
7340	Klever	Feature	New	Low	Specification for net_device_ops	Vadim Mutilin	Ilja Zakharov	
7336	Klever	Feature	New	Low	Specification for struct class	Vadim Mutilin	Ilja Zakharov	
7335	Klever	Feature	New	Low	Specification for dvb_frontend_ops	Vadim Mutilin	Ilja Zakharov	
7334	Klever	Feature	New	Low	Specification for struct driver_info	Vadim Mutilin	Ilja Zakharov	
7293	Klever	Bug	New	Normal	EMG assigns pointers to variables on stack to global variables	Vadim Mutilin	Ilja Zakharov	
7273	Klever	Bug	Closed	Urgent	There is no remove after successful probe for platform_driver structure	Vadim Mutilin	Ilja Zakharov	
6951	Klever	Feature	New	Normal	Developing a verification strategy to tackle verification tasks with independent process instances	Vadim Mutilin	Ilja Zakharov	
6913	Klever	Feature	Closed	Normal	Describe EMG intermediate representation	Vadim Mutilin	Ilja Zakharov	
6912	Klever	Feature	Closed	Urgent	Support for several advices for memory allocation functions (kzalloc)	Vadim Mutilin	Vitaly Mordan	

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6884	Klever	Feature	Closed	High	Example of multi-module dependency for detecting data races	Vadim Mutilin	Alexey Polushkin	
6825	Klever	Feature	New	Normal	Support for containers represented as local variables	Vadim Mutilin		
6824	Klever	Feature	New	Normal	Support for kthread_run in EMG	Vadim Mutilin		
6822	Klever	Feature	Closed	Urgent	Support for workqueues in EMG	Vadim Mutilin	Ilja Zakharov	2.0
6799	Klever	Feature	Rejected	High	Generate verification tasks for SV-COMP	Vadim Mutilin		
6356	Linux Driver Verification	Bug	Open	Normal	CSD fails with OutOfMemoryError for linux-4.3-rc1	Vadim Mutilin	Vadim Mutilin	
5900	Linux Kernel Safety RuleDB	Feature	Open	Normal	153: Correct allocation of identifiers using IDR layer	Vadim Mutilin		
5899	Linux Kernel Safety RuleDB	Feature	Open	Normal	152: Correct usage of IO memory mappings	Vadim Mutilin		
5898	Linux Kernel Safety RuleDB	Feature	Open	Normal	151: Correct usage of sysfs groups	Vadim Mutilin		
5806	Linux Kernel Safety RuleDB	Bug	New	Normal	Duplicate function __builtin_expect	Vadim Mutilin		
5714	Linux Driver Verification	Bug	New	Normal	deg2: incorrect initialization for structure types	Vadim Mutilin	Ilja Zakharov	
5713	C Instrumentation Framework	Bug	Open	High	CIF prints extern for initialized variables	Vadim Mutilin	Evgeny Novikov	
5712	Linux Driver Verification	Bug	New	Normal	ldv-upload-2: Improve diagnostic message for 'MySQL server has gone away'	Vadim Mutilin	Vitaly Mordan	
5655	C Instrumentation Framework	Bug	Open	High	Redefinition of local variable	Vadim Mutilin	Evgeny Novikov	
5653	C Instrumentation Framework	Bug	Closed	Urgent	__PRETTY_FUNCTION__ should not be used as a variable name	Vadim Mutilin	Evgeny Novikov	
5636	C Instrumentation Framework	Bug	Rejected	High	CIF messing up pointer arithmetic	Vadim Mutilin	Evgeny Novikov	
5556	C Instrumentation Framework	Bug	Closed	High	CIF misses static keyword for local declarations	Vadim Mutilin	Evgeny Novikov	
5523	Linux Driver Verification	Bug	New	Normal	Investigate unknowns caused by case ranges	Vadim Mutilin	Vadim Mutilin	
5407	C Instrumentation Framework	Bug	Closed	Urgent	Duplicated labels are generated	Vadim Mutilin	Evgeny Novikov	
5397	Linux Driver Verification	Bug	New	Normal	BLAST error trace converter misses the last line of the error trace	Vadim Mutilin		
5349	Linux Kernel Safety RuleDB	Feature	Open	Normal	039: Usage of spin lock and unlock functions	Vadim Mutilin		
5328	C Instrumentation Framework	Bug	Open	High	Missing extern for inline functions	Vadim Mutilin	Evgeny Novikov	
5323	C Instrumentation Framework	Bug	Closed	Urgent	Incorrect type for pointer in __del_dma_pool	Vadim Mutilin	Evgeny Novikov	
5314	C Instrumentation Framework	Bug	Open	High	Invalid type encountered (hidden by variable name)	Vadim Mutilin	Evgeny Novikov	
5282	C Instrumentation Framework	Bug	Open	High	Incompatible types when assigning to type 'struct <anonymous>' from type 'struct <anonymous>'	Vadim Mutilin	Evgeny Novikov	
5281	Linux Driver Verification	Feature	New	Normal	ldv-upload-2 should upload all pax archives passed as parameters into a single task	Vadim Mutilin	Vitaly Mordan	
5280	C Instrumentation Framework	Bug	Closed	High	C backend generates artificial structure declarators (field declarators) for unnamed structures and unions	Vadim Mutilin	Evgeny Novikov	
5278	C Instrumentation Framework	Bug	Rejected	Normal	CIF misses extern for local declarations	Vadim Mutilin		
5277	C Instrumentation Framework	Bug	Rejected	Normal	:q	Vadim Mutilin		
5102	Linux Driver Verification	Bug	New	Normal	sd_start handler not extracted for gspca_benq.ko, gspca_konica.ko	Vadim Mutilin	Ilja Zakharov	

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5048	Linux Driver Verification	Bug	Closed	Normal	ldv-upload-2 ignores problems with symbol ' inside regular expression	Vadim Mutilin	Vitaly Mordan	
5012	Linux Driver Verification	Bug	New	Normal	CIL adds const for the function parameter which is changed	Vadim Mutilin		
4952	C Instrumentation Framework	Bug	Closed	High	CIF prints incorrect local declarations	Vadim Mutilin	Evgeny Novikov	
4951	C Instrumentation Framework	Bug	Rejected	Normal	Printing zero dereference *0	Vadim Mutilin	Evgeny Novikov	
4950	C Instrumentation Framework	Bug	Rejected	High	Error: stray '#' in program	Vadim Mutilin	Evgeny Novikov	
4798	Linux Driver Verification	Bug	New	Normal	Duplicated global temps for array of structures initialization	Vadim Mutilin		
4789	C Instrumentation Framework	Bug	Open	High	Missing extern declarations for the arrays	Vadim Mutilin	Evgeny Novikov	
4706	Linux Driver Verification	Bug	Resolved	Normal	Unsupported error traces for the new version of CPAchecker (rev. 10561)	Vadim Mutilin	Vitaly Mordan	
4638	Linux Kernel Safety RuleDB	Feature	New	Normal	040: Urb initialization	Vadim Mutilin		
4637	Linux Kernel Safety RuleDB	Feature	New	Normal	027: Request queues init/cleanup	Vadim Mutilin		
4636	Linux Kernel Safety RuleDB	Feature	New	Normal	026: Gendisk alloc,del,add,put	Vadim Mutilin		
4610	Linux Kernel Safety RuleDB	Task	New	Normal	029: Leaving allocated memory units in the coherent-memory pool being freed	Vadim Mutilin		
4493	Linux Driver Verification	Bug	Closed	Normal	Unsupported error traces for the new version of CPAchecker (r8604)	Vadim Mutilin	Vitaly Mordan	
4475	Linux Driver Verification	Bug	New	High	LDV fails with gcc 4.7.3	Vadim Mutilin	Ilja Zakharov	
3832	Linux Kernel Safety RuleDB	Feature	Open	Normal	147: RCU update operations should not be used inside RCU read sections	Vadim Mutilin		
3831	Linux Kernel Safety RuleDB	Feature	Open	Normal	146: Mixing operations of RCU nested read sections of different types	Vadim Mutilin	Vladimir Gratinskiy	
3701	Linux Driver Verification	Bug	Open	Normal	CPAchecker degradation on drivers/staging/go7007/s2250.ko	Vadim Mutilin	Vadim Mutilin	
3351	Linux Driver Verification	Bug	Open	Normal	Handling error cases of callbacks in envgen for more than two structures	Vadim Mutilin	Vadim Mutilin	
3348	Linux Driver Verification	Bug	Closed	Normal	envgen does not find functions wrapped in macro in struct initializers	Vadim Mutilin	Ilja Zakharov	
3318	Linux Driver Verification	Feature	New	Normal	Support threaded irq handlers in envgen	Vadim Mutilin	Ilja Zakharov	
3300	Linux Driver Verification	Bug	Open	Normal	ldv-tools does not work with java-7	Vadim Mutilin	Vadim Mutilin	
3239	Linux Kernel Safety RuleDB	Feature	Resolved	Normal	008: Driver becomes not available for unloading permanently	Vadim Mutilin		
3220	Linux Kernel Safety RuleDB	Feature	Open	Normal	077: NOIO allocation under usb_lock	Vadim Mutilin	Vitaly Mordan	
2747	Linux Kernel Safety RuleDB	Feature	Open	Normal	110: Correct initialization of spin_lock	Vadim Mutilin	Marina Makienko	
2737	C Instrumentation Framework	Feature	Closed	High	Can't replace define with around aspect	Vadim Mutilin	Evgeny Novikov	
2361	Linux Driver Verification	Bug	Resolved	Normal	ldv-uploader does not work with activerecord-3.2.1	Vadim Mutilin	Vitaly Mordan	
2316	Linux Driver Verification	Feature	Closed	Urgent	Prevent too huge mysql binary logs	Vadim Mutilin	Evgeny Novikov	
2287	BLAST	Bug	Open	Normal	cdc_eem.ko had correct unsafe verdict and became unknown in BLAST 2.7.1	Vadim Mutilin	Pavel Shved	2.7.1
1999	Linux Driver Verification	Bug	Rejected	Normal	xml tags inside build log	Vadim Mutilin		
1792	Linux Driver Verification	Task	New	High	RCV interface for Satabs	Vadim Mutilin		

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1625	C Instrumentation Framework	Bug	Rejected	High	Aspectator Quit on ata_piix	Vadim Mutilin	Evgeny Novikov	
1622	Linux Driver Verification	Bug	Closed	Normal	Rule instrumentor fails to find configuration file kconfig.h	Vadim Mutilin		
1619	Linux Driver Verification	Bug	New	Normal	Cloning in ldv-git does not work on my machine	Vadim Mutilin	Pavel Shved	
1580	C Instrumentation Framework	Bug	Open	High	Operator Precedence . and typecast	Vadim Mutilin	Evgeny Novikov	
1579	C Instrumentation Framework	Bug	Rejected	High	No \n before line directive	Vadim Mutilin	Evgeny Novikov	
1354	Linux Driver Verification	Bug	New	Normal	Local run loses drivers	Vadim Mutilin	Pavel Shved	
1334	Linux Driver Verification	Bug	New	Normal	CIL translates local label out into a global one	Vadim Mutilin		
1333	Linux Driver Verification	Bug	New	Normal	CIL misses fields in unions	Vadim Mutilin		
1332	Linux Driver Verification	Bug	Closed	Normal	wrapper for cpachecker loses preprocessed files	Vadim Mutilin	Pavel Shved	
1293	Linux Driver Verification	Bug	New	Normal	DEG error: storage size of some variables isn't known	Vadim Mutilin		
1291	Linux Driver Verification	Bug	Closed	Normal	ETV shows incorrect trace	Vadim Mutilin	Evgeny Novikov	
1287	Linux Driver Verification	Bug	Closed	High	Redeclaration of variables in DEG that lead to compile errors	Vadim Mutilin		
1195	Linux Driver Verification	Bug	Open	Normal	drv-env fails to generate ifdefs for interrupt handler in yellowfin.ko	Vadim Mutilin	Vadim Mutilin	
1188	Linux Driver Verification	Feature	Closed	High	Feedback form in ldv-online	Vadim Mutilin	Evgeny Novikov	
1168	Linux Driver Verification	Bug	Closed	Normal	Kernel rules are not installed with "make stats-visualizer"	Vadim Mutilin	Evgeny Novikov	
1127	Linux Driver Verification	Task	New	Normal	Check that ETV shows skipped function usb_free_urb for af9005-fe.ko	Vadim Mutilin	Vadim Mutilin	
1082	Linux Driver Verification	Bug	Closed	Normal	39_7: hard coded aspects in plain model should be implemented as aspect model	Vadim Mutilin	Evgeny Novikov	
1069	BLAST	Bug	New	Normal	BLAST goes to local label out instead of global one or vice versa	Vadim Mutilin		
1001	Linux Driver Verification	Bug	Closed	Immediate	Build process fails on linux-2.6.37 branch gen_interrupt	Vadim Mutilin	Pavel Shved	
980	Linux Driver Verification	Bug	Closed	Urgent	ldv-core hangs-up after WARNING: Fatal error	Vadim Mutilin	Pavel Shved	
976	Linux Driver Verification	Bug	Closed	Immediate	ldv-core fails on qa because of conflict on some address	Vadim Mutilin	Pavel Shved	
921	Linux Driver Verification	Bug	Open	Normal	Incorrect ifdefs for group parameters	Vadim Mutilin	Vadim Mutilin	
915	BLAST	Bug	Closed	Normal	may-aliases do not care of function calls with result assignment	Vadim Mutilin	Pavel Shved	2.6
839	Linux Driver Verification	Bug	New	Normal	Processing of build type check expressions	Vadim Mutilin		
823	Linux Driver Verification	Bug	New	Normal	Fail reported in BCE instead of DEG	Vadim Mutilin	Ilya Zakharov	
798	Linux Driver Verification	Bug	Open	Normal	Cut off trace	Vadim Mutilin	Evgeny Novikov	
754	Linux Driver Verification	Bug	Open	Normal	Rerouting does not work for static functions	Vadim Mutilin	Evgeny Novikov	
634	Linux Driver Verification	Bug	Closed	Normal	Races in blast timeout verdicts	Vadim Mutilin	Pavel Shved	
633	Linux Driver Verification	Bug	Closed	Normal	Permission denied while creating reports	Vadim Mutilin	Pavel Shved	
617	Linux Driver Verification	Bug	Feedback	Low	open should be called before close in struct cpia_camera_ops	Vadim Mutilin	Vadim Mutilin	
616	C Instrumentation Framework	Bug	Closed	Normal	module_put is not instrumented in rule model 08_1	Vadim Mutilin	Evgeny Novikov	
594	Linux Driver Verification	Bug	Closed	Normal	Mysql::Error: Got a packet bigger than 'max_allowed_packet' bytes	Vadim Mutilin	Pavel Shved	

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554	Linux Driver Verification	Bug	New	Normal	CIL errors	Vadim Mutilin		
553	Linux Driver Verification	Bug	New	Normal	envgen generates incorrect return type for jedec_probe	Vadim Mutilin		
509	Linux Driver Verification	Bug	Closed	Urgent	Precondition for sd_desc:stop0 is not generated for seq_infinite_stateful(st5)	Vadim Mutilin		
507	BLAST	Bug	New	Low	SMT sovler could not parse the request (Error: Undefined name)	Vadim Mutilin		
506	Linux Driver Verification	Bug	Closed	Low	Exception in BLAST: "sanity check: mem_temp recycled?"	Vadim Mutilin	Pavel Shved	
486	Linux Driver Verification	Bug	Closed	Immediate	Source not loaded for unsafe driver usb-storage	Vadim Mutilin	Pavel Shved	
485	BLAST	Bug	Open	Low	Non-linear SMT solver queries in BLAST	Vadim Mutilin	Mikhail Mandrykin	
484	Linux Driver Verification	Bug	Closed	High	Exceptions in convertCilExp	Vadim Mutilin		
475	Linux Driver Verification	Bug	Closed	Urgent	cc,ld disappeared after build-cmd-extractor	Vadim Mutilin		
473	Linux Driver Verification	Bug	Closed	Normal	ldv-upload fails with: Mysql::Error: Column 'main' cannot be null: INSERT INTO `scenarios`	Vadim Mutilin	Pavel Shved	
471	Linux Driver Verification	Bug	Closed	Urgent	ldv-upload:201: Driver name is empty for ld	Vadim Mutilin	Vadim Mutilin	
466	Linux Driver Verification	Task	Open	Normal	32_7: Several errors from KB not found	Vadim Mutilin		
465	Linux Driver Verification	Bug	Closed	Urgent	32_7: Function mutex_unlock_TEMPLATE not found!	Vadim Mutilin	Pavel Shved	
456	CTESK	Bug	Closed	Normal	Readme файл содержит некорректное описание зависимости	Vadim Mutilin	Alexey Demakov	
444	Linux Driver Verification	Bug	Closed	Normal	Error trace viewer in statistics loads files from all the traces in the run	Vadim Mutilin	Pavel Shved	
437	Linux Driver Verification	Bug	Closed	Urgent	Zero size driver archive reported as "File size too long"	Vadim Mutilin	Alexandr Strakh	
416	Linux Driver Verification	Bug	Closed	Immediate	BLAST fails on the example in which the LDV_ERROR label and ldv_main are defined in different files	Vadim Mutilin	Pavel Shved	
413	Linux Driver Verification	Bug	Closed	Urgent	RCV reports frontc error as unsafe	Vadim Mutilin	Pavel Shved	
408	Linux Driver Verification	Bug	Rejected	Low	blast compilation fails after submodule update	Vadim Mutilin	Pavel Shved	
407	Linux Driver Verification	Bug	Closed	Immediate	QA server fails if the same commit is pushed from different branches	Vadim Mutilin	Pavel Shved	
405	Linux Driver Verification	Bug	Open	Normal	Unsafe drivers reported as safe on kb0032	Vadim Mutilin		
403	Linux Driver Verification	Bug	Closed	High	Different declarations of _raw_spin_lock in tests-envgen--test-twomains	Vadim Mutilin	Evgeny Novikov	
391	Linux Driver Verification	Bug	Closed	Normal	TMP_DIR not set during make install-all TMP_DIR	Vadim Mutilin	Alexandr Strakh	
385	Linux Driver Verification	Bug	Closed	Normal	quickcam_messenger: qcm_probe not generated	Vadim Mutilin	Alexandr Strakh	
276	Linux Driver Verification	Bug	Closed	High	Could not load results for tests-envgen--test-order.tar.bz2	Vadim Mutilin	Pavel Shved	