

Issues

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
11854	Klever	Bug	Closed	High	Improve error handling in test cases intended for checking TTY environment model specification	Evgeny Novikov	Evgeny Novikov	3.7
11851	Klever	Bug	Closed	High	Fix issues revealed in TTY environment model specifications when checking tests using memory safety	Evgeny Novikov	Evgeny Novikov	3.7
11839	Klever	Feature	Closed	High	Get rid of implicit resources	Evgeny Novikov	Evgeny Novikov	3.7
11836	Klever	Feature	Closed	High	Model failures for calloc() and zalloc()	Evgeny Novikov	Evgeny Novikov	3.7
11833	Klever	Feature	Closed	High	Update CPAchecker	Evgeny Novikov	Evgeny Novikov	3.7
11828	Klever	Feature	Closed	High	Add models for dynamic debug printing API	Evgeny Novikov	Evgeny Novikov	3.7
11826	Klever	Feature	Closed	High	Do not generate return values implicitly in case of missed callbacks	Evgeny Novikov	Evgeny Novikov	3.7
11825	Klever	Feature	Closed	High	Allocate memory for tty_struct for tty_operations callbacks	Evgeny Novikov	Evgeny Novikov	3.7
11821	Klever	Bug	Closed	High	Allocate memory for inode for file_operations callbacks	Evgeny Novikov	Evgeny Novikov	3.7
11819	Klever	Feature	New	High	Try to enable cpa.smg.handleUnknownDereferenceAsSafe=false for CPAchecker SMG	Evgeny Novikov	Evgeny Novikov	
11816	Klever	Feature	Closed	High	Update CPAchecker	Evgeny Novikov	Evgeny Novikov	3.7
11815	Klever	Bug	Closed	High	Do not pass NULL at registration of callbacks	Evgeny Novikov	Evgeny Novikov	3.7
11810	Klever	Feature	New	High	Check whether the same resources are passed to various related callbacks	Evgeny Novikov	Evgeny Novikov	
11809	Klever	Bug	Closed	High	Pass the same resource to probe and remove for HID drivers	Evgeny Novikov	Evgeny Novikov	3.7
11808	Klever	Feature	Closed	High	Develop model and test for i2c_match_id()	Evgeny Novikov	Evgeny Novikov	3.7
11799	Klever	Feature	Closed	High	Develop models and tests for list API	Evgeny Novikov	Evgeny Novikov	3.7
11798	Klever	Feature	Closed	High	Add models and tests for dev_err_probe()	Evgeny Novikov	Evgeny Novikov	3.7
11793	Klever	Feature	Closed	High	Add models and tests for v4l2_device_(un)register()	Evgeny Novikov	Evgeny Novikov	3.7
11788	Klever	Feature	Closed	High	Add models and test cases for kref* API	Evgeny Novikov	Evgeny Novikov	3.7
11785	Klever	Bug	New	High	Filter by identifier is broken for a table of marks	Evgeny Novikov	Vladimir Gratsinskiy	
11782	Klever	Feature	Closed	High	Update CIF	Evgeny Novikov	Evgeny Novikov	3.7
11772	Klever	Feature	Closed	High	Update CPAchecker	Evgeny Novikov	Evgeny Novikov	3.7
11771	Klever	Feature	Closed	High	Fix model for struct_size()	Evgeny Novikov	Evgeny Novikov	3.7
11770	Klever	Bug	Closed	High	Fix off-by-one error when choosing a device from MODULE_DEVICE_TABLE	Evgeny Novikov	Evgeny Novikov	3.7
11742	Klever	Feature	Closed	High	Develop simple program sample and describe how to verify it with Klever	Evgeny Novikov	Evgeny Novikov	3.7
11738	Klever	Feature	Closed	High	Update CIF	Evgeny Novikov	Evgeny Novikov	3.7
11735	Klever	Bug	Closed	Immediate	Update CIF	Evgeny Novikov	Evgeny Novikov	3.7
11687	Klever	Feature	Closed	High	Update Python dependencies	Evgeny Novikov	Evgeny Novikov	3.7

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11632	Klever	Feature	Closed	High	Update CIF and Clade	Evgeny Novikov	Evgeny Novikov	3.6
11624	Klever	Feature	Closed	High	Develop model for struct_size()	Evgeny Novikov	Evgeny Novikov	3.6
11617	C Instrumentation Framework	Bug	Closed	High	GCC 12 fails to compile cif.c	Evgeny Novikov	Evgeny Novikov	
11601	Klever	Feature	Closed	High	Add new translations and fix existing ones	Evgeny Novikov	Evgeny Novikov	3.5
11599	Klever	Bug	Closed	Urgent	Update Clade to avoid hangups	Evgeny Novikov	Evgeny Novikov	3.5
11527	Klever	Feature	Closed	Urgent	Support generating build bases for test suite on Debian 9	Evgeny Novikov	Evgeny Novikov	3.5
11518	C Instrumentation Framework	Bug	Closed	High	C back-end incorrectly translate some strings	Evgeny Novikov	Evgeny Novikov	
11517	Klever	Feature	Closed	High	Switch Klever Tutorial to Linux 5.5	Evgeny Novikov	Evgeny Novikov	3.5
11514	Klever	Feature	Rejected	High	Describe how to support new functions for unsafe marks	Evgeny Novikov		3.5
11506	Klever	Feature	Closed	High	Update CIL	Evgeny Novikov	Evgeny Novikov	3.5
11505	Klever	Bug	New	High	Prompt does not fade away when selecting "Create the version anyway"	Evgeny Novikov	Vladimir Gratinskiy	
11487	Klever	Feature	Closed	High	Update OpenJDK	Evgeny Novikov	Evgeny Novikov	3.5
11486	Klever	Feature	Closed	High	Update Consul	Evgeny Novikov	Evgeny Novikov	3.5
11479	C Instrumentation Framework	Feature	Closed	High	Support ABSU_EXPR	Evgeny Novikov	Evgeny Novikov	
11477	Klever	Bug	Closed	Immediate	Repair source code highlighting	Evgeny Novikov	Evgeny Novikov	3.5
11465	Klever	Feature	Closed	High	Update CIF	Evgeny Novikov	Evgeny Novikov	3.5
11464	C Instrumentation Framework	Bug	Closed	High	C back-end incorrectly handles initialization of anonymous unions	Evgeny Novikov	Evgeny Novikov	
11463	Klever	Feature	Closed	High	Update Python packages used by Klever	Evgeny Novikov	Evgeny Novikov	3.5
11462	Klever	Feature	Closed	High	Update CPALockator	Evgeny Novikov	Evgeny Novikov	3.5
11461	Klever	Feature	Closed	High	Update BenchExec to 3.11	Evgeny Novikov	Evgeny Novikov	3.5
11460	Klever	Feature	Closed	High	Update Django from 3.0.6 to 4.0.3	Evgeny Novikov	Vladimir Gratinskiy	3.5
11459	Klever	Feature	Closed	High	Improve support for Linux 5.17	Evgeny Novikov	Evgeny Novikov	3.5
11458	Klever	Feature	Closed	High	Improve support for Linux 5.10	Evgeny Novikov	Evgeny Novikov	3.5
11444	Klever	Feature	Closed	High	Update CPAchecker SMG	Evgeny Novikov	Evgeny Novikov	3.5
11370	C Instrumentation Framework	Bug	Rejected	High	Refactor advice body patterns (special directives)	Evgeny Novikov		
11369	C Instrumentation Framework	Bug	Closed	High	Aspectator fails to weave in compound type declarations	Evgeny Novikov	Evgeny Novikov	
11295	C Instrumentation Framework	Bug	New	High	\$argi does not work for source code queries	Evgeny Novikov		

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11274	C Instrumentation Framework	Feature	Closed	High	Describe several use cases and current vital limitations	Evgeny Novikov	Evgeny Novikov	
11273	C Instrumentation Framework	Feature	Closed	High	Describe syntax, semantics and constraints of aspect grammar	Evgeny Novikov	Evgeny Novikov	
11186	Klever	Feature	Closed	High	Update CIF	Evgeny Novikov	Evgeny Novikov	3.4
11126	Klever	Feature	New	High	Representing different environment models and processes in one graph	Evgeny Novikov		
11106	Klever	Feature	New	High	Define default environment model specifications	Evgeny Novikov		
11016	Klever	Bug	Rejected	High	On cancelling solutions of verification jobs scheduler does not terminate verification tasks	Evgeny Novikov		3.4
11015	Klever	Feature	Closed	Urgent	Describe new abilities in development of environment model specifications	Evgeny Novikov	Ilja Zakharov	3.4
11014	Klever	Feature	Closed	High	Avoid infinite loops in environment models	Evgeny Novikov	Evgeny Novikov	3.5
11012	Klever	Feature	Closed	High	Set up VS Code and describe how to use it	Evgeny Novikov	Evgeny Novikov	3.4
11010	Klever	Bug	Closed	Urgent	Take into account aspects when caching models	Evgeny Novikov	Evgeny Novikov	3.4
11007	Klever	Feature	Closed	Urgent	Support more SMG-friendly select of nondeterministic values from integer range	Evgeny Novikov	Evgeny Novikov	3.4
11002	Klever	Feature	Closed	High	Try to switch on LDV_PRINT_SIGNATURE_OF_MATCHED_BY_NAME in the development mode	Evgeny Novikov	Evgeny Novikov	3.4
10998	Klever	Feature	Closed	High	Update CPAChecker SMG	Evgeny Novikov	Evgeny Novikov	3.4
10997	Klever	Feature	Closed	High	Update CPALockator	Evgeny Novikov	Evgeny Novikov	3.4
10994	Klever	Bug	Closed	High	Ignore missed CIF auxiliary files	Evgeny Novikov	Evgeny Novikov	3.4
10993	Klever	Bug	Closed	High	Experts can not copy job versions of other users	Evgeny Novikov	Vladimir Gratsinskiy	3.4
10991	C Instrumentation Framework	Bug	Closed	Urgent	Using LDV_PRINT_SIGNATURE_OF_MATCHED_BY_NAME results in segmentation fault	Evgeny Novikov	Evgeny Novikov	
10990	Klever	Feature	Closed	Urgent	Describe configuration of verification tools	Evgeny Novikov	Ilja Zakharov	3.4
10982	Klever	Bug	Closed	Urgent	Fix typos in specifications	Evgeny Novikov	Evgeny Novikov	3.3
10975	Klever	Bug	Closed	Urgent	Fix typos in debug messages and exceptions	Evgeny Novikov	Evgeny Novikov	3.3
10974	Klever	Feature	Closed	High	Parse and merge debug data presented by CPAChecker	Evgeny Novikov	Evgeny Novikov	3.4
10957	Klever	Feature	Closed	High	Develop models for kmem_cache_create/alloc/destroy()	Evgeny Novikov	Evgeny Novikov	3.4
10956	Klever	Feature	Closed	High	Allow uploading images and captions for Core components	Evgeny Novikov	Vladimir Gratsinskiy	3.4
10955	Klever	Feature	Closed	Urgent	Describe program decomposition	Evgeny Novikov	Ilja Zakharov	3.4
10953	Klever	Feature	Rejected	High	Visualize savepoints in graphic representation of environment models	Evgeny Novikov		3.4
10952	Klever	Bug	Closed	High	Get rid of redundant parts in graphical representation of environment model processes	Evgeny Novikov	Evgeny Novikov	3.4
10946	Klever	Feature	Closed	High	Provide users with graphical representation of environment models	Evgeny Novikov	Evgeny Novikov	3.4
10945	Klever	Feature	Closed	Urgent	Allow to add savepoints for the main process	Evgeny Novikov	Ilja Zakharov	3.4

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10944	Klever	Feature	Closed	High	Allocate external data for platform_device.dev.platform_data	Evgeny Novikov	Evgeny Novikov	3.3
10943	Klever	Feature	Closed	High	Add ability to use current job decision configuration by default	Evgeny Novikov	Vladimir Gratinskiy	3.3
10940	Klever	Feature	Closed	High	Always specify specifications set in job.json	Evgeny Novikov	Evgeny Novikov	3.4
10937	Klever	Feature	Closed	High	Migrate Klever to Python 3.10	Evgeny Novikov	Evgeny Novikov	3.5
10935	Klever	Feature	Closed	High	Try to use Debian 10 (11) as a base Linux distribution for Klever OpenStack instances	Evgeny Novikov	Evgeny Novikov	3.5
10934	Klever	Feature	Closed	High	Test and fix if necessary deployment of Klever on Debian 10/11, Ubuntu 20.04 and openSUSE 15.3	Evgeny Novikov	Evgeny Novikov	3.5
10933	Klever	Feature	Closed	Urgent	Add configuration for CPAchecker SMG to disable uncertain environment behavior	Evgeny Novikov	Evgeny Novikov	3.3
10932	Klever	Feature	Closed	High	Output intermediate environment models in a more user-friendly way	Evgeny Novikov	Evgeny Novikov	3.4
10931	Klever	Bug	New	High	Fix entity names in intermediate environment model and EMG configuration	Evgeny Novikov	Ilya Zakharov	
10929	Klever	Feature	Closed	Urgent	Do not invoke callbacks infinitely and allow to configure the number of iterations	Evgeny Novikov	Ilya Zakharov	3.4
10928	C Instrumentation Framework	Feature	Closed	High	Update Aspectator to GCC 11	Evgeny Novikov	Ilya Shchepetkov	
10927	C Instrumentation Framework	Feature	Closed	Urgent	Do not generate missed function declarations	Evgeny Novikov	Evgeny Novikov	
10926	Klever	Feature	Rejected	High	Try to enable "-Wextra -Werror" at processing of all kinds of models	Evgeny Novikov		3.3
10925	Klever	Feature	Closed	High	Allow to create job directories with the same name in different job subtrees	Evgeny Novikov	Vladimir Gratinskiy	3.3
10924	Klever	Feature	Closed	High	Update Clade to do not filter out options enabling error messages about implicit function declarations	Evgeny Novikov	Evgeny Novikov	3.3
10923	Klever	Feature	Closed	High	Do not discard changes and reload job page during changing job version name	Evgeny Novikov	Vladimir Gratinskiy	3.3
10922	Klever	Feature	Closed	Urgent	Describe user environment model and how to develop it	Evgeny Novikov	Ilya Zakharov	3.3
10921	Klever	Feature	Closed	Urgent	Describe development of common API models	Evgeny Novikov	Evgeny Novikov	3.3
10920	Klever	Bug	Closed	Urgent	Reschedule verification tasks resulting to OOM	Evgeny Novikov	Ilya Zakharov	3.4
10918	Klever	Feature	Closed	High	Restrict length of attribute names and values	Evgeny Novikov	Evgeny Novikov	3.3
10912	Klever	Bug	New	High	EMG does not generate separate threads for manually specified functions	Evgeny Novikov	Ilya Zakharov	
10911	Klever	Bug	New	High	Do not return anything from void functions	Evgeny Novikov	Ilya Zakharov	
10910	Klever	Feature	New	High	Finalize support for verification of Harmony OS	Evgeny Novikov	Evgeny Novikov	
10904	Klever	Feature	Closed	High	Forbid empty aspects	Evgeny Novikov	Evgeny Novikov	3.3
10902	C Instrumentation Framework	Feature	Closed	High	Do not enable plugins for cross CIF for ARM	Evgeny Novikov	Evgeny Novikov	
10901	Klever	Feature	Closed	Urgent	Add preset unknown marks for invalid verification targets	Evgeny Novikov	Evgeny Novikov	3.3

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10900	Klever	Feature	Rejected	High	Investigate considerable memory consumption when collecting code coverage for models	Evgeny Novikov	Evgeny Novikov	3.3
10899	Klever	Feature	Closed	High	Specify meaningful reasons for job termination	Evgeny Novikov	Evgeny Novikov	3.4
10898	Klever	Feature	Closed	High	Try to enable LDV_C_BACKEND_OMIT_TYPE_QUALS by default	Evgeny Novikov	Evgeny Novikov	3.3
10897	C Instrumentation Framework	Feature	Closed	Urgent	Allow to suppress all type qualifiers in output	Evgeny Novikov	Evgeny Novikov	
10894	C Instrumentation Framework	Bug	Rejected	Urgent	C Back-end incorrectly handles type qualifiers for typedefs	Evgeny Novikov		
10892	C Instrumentation Framework	Feature	Closed	High	Support _Atomic type qualifier	Evgeny Novikov	Evgeny Novikov	
10891	Klever	Feature	Closed	High	Try to get rid of setting compiler specific directory for searching headers	Evgeny Novikov	Evgeny Novikov	3.3
10883	Klever	Feature	Closed	High	Support ldv_assert() for memory safety	Evgeny Novikov	Evgeny Novikov	3.2
10880	Klever	Bug	Closed	High	Try to set counterexample.export.allowImpreciseCounterexamples=false	Evgeny Novikov	Evgeny Novikov	3.2
10879	Klever	Feature	Closed	High	Support an option (environment variable) to provide specific places for build bases	Evgeny Novikov	Evgeny Novikov	3.3
10874	Klever	Bug	Rejected	Urgent	klever.core.components.launch_queue_workers does not propagate worker exceptions when fail_tolerant is set to True	Evgeny Novikov		3.2
10872	Klever	Feature	Closed	High	Update CPALockator	Evgeny Novikov	Evgeny Novikov	3.3
10865	Klever	Feature	Closed	Urgent	Add tests for memset() for CPAChecker SMG	Evgeny Novikov	Evgeny Novikov	3.2
10864	Klever	Feature	New	High	Allow to make other users experts to job experts	Evgeny Novikov	Vladimir Gratinskiy	
10863	Klever	Feature	Closed	Urgent	Remember location from which users pass using cross references	Evgeny Novikov	Vladimir Gratinskiy	3.2
10859	C Instrumentation Framework	Bug	Closed	Urgent	Incorrect transformation of bitfield accesses	Evgeny Novikov	Evgeny Novikov	
10855	Klever	Feature	Closed	High	Develop models for functions working with strings	Evgeny Novikov	Evgeny Novikov	3.2
10854	Klever	Feature	Closed	High	Develop models for bitmap API	Evgeny Novikov	Evgeny Novikov	3.2
10852	Klever	Feature	Closed	High	Support parallel execution of Weaver	Evgeny Novikov	Evgeny Novikov	3.2
10840	Klever	Feature	Closed	High	Develop unit tests for OpenStack deployment	Evgeny Novikov	Ilya Shchepetkov	3.3
10839	Klever	Bug	Closed	High	Can not ssh to OpenStack instances	Evgeny Novikov	Ilya Shchepetkov	3.2
10838	Klever	Bug	Closed	High	Properly show completely non-covered files of verification tasks	Evgeny Novikov	Vladimir Gratinskiy	3.3
10837	Klever	Feature	Closed	Urgent	Update Clade to reduce memory consumption	Evgeny Novikov	Ilya Shchepetkov	3.2
10829	Klever	Feature	New	High	Implement new access scheme	Evgeny Novikov	Vladimir Gratinskiy	
10828	Klever	Feature	New	High	Suggest new access scheme	Evgeny Novikov		
10827	Klever	Feature	New	High	Describe entities and actions on them	Evgeny Novikov	Vladimir Gratinskiy	
10820	Klever	Feature	New	High	Show code coverage status for locations where a given entity is referenced	Evgeny Novikov	Vladimir Gratinskiy	

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10811	Klever	Feature	Closed	Urgent	Update CIL to fix issues with line directives	Evgeny Novikov	Evgeny Novikov	3.2
10805	Klever	Feature	Closed	High	Suggest to save non-saved file and proceed	Evgeny Novikov	Vladimir Gratsinskiy	3.3
10804	Klever	Feature	New	High	Try to disable guessing allocated memory size	Evgeny Novikov	Anton Vasilyev	
10801	Klever	Feature	New	High	Support incomplete tuples of attributes for comparing verification reports	Evgeny Novikov	Vladimir Gratsinskiy	
10794	Klever	Feature	Closed	Urgent	Add notes from CPAchecker SMG to code coverage	Evgeny Novikov	Evgeny Novikov	3.2
10793	Klever	Bug	Closed	High	Do not recreate users when updating Bridge	Evgeny Novikov	Evgeny Novikov	3.2
10792	Klever	Feature	Closed	Urgent	Allow to navigate through covered lines of code	Evgeny Novikov	Vladimir Gratsinskiy	3.2
10791	Klever	Feature	Closed	High	Try to exclude "linux/user_namespace.h" from additional headers of EMG for checking memory safety	Evgeny Novikov	Evgeny Novikov	3.2
10788	Klever	Feature	Closed	Urgent	Launch klever-cgroup.service after klever-native-scheduler.service	Evgeny Novikov	Evgeny Novikov	3.2
10786	Klever	Feature	Closed	Urgent	Describe analysis of code coverage	Evgeny Novikov	Evgeny Novikov	3.2
10785	Klever	Feature	Closed	High	Allow to keep addons during uninstall	Evgeny Novikov	Ilya Shchepetkov	3.2
10777	Klever	Bug	Closed	High	Unescape HTML special characters when editing mark descriptions	Evgeny Novikov	Vladimir Gratsinskiy	3.2
10774	Klever	Feature	Closed	High	Properly handle failures during processing incorrect models	Evgeny Novikov	Evgeny Novikov	3.2
10773	Klever	Bug	Closed	High	Do not break field access within assumptions	Evgeny Novikov	Evgeny Novikov	3.2
10771	Klever	Bug	New	High	Fix support for module_platform_driver_probe()	Evgeny Novikov	Ilya Zakharov	
10768	Klever	Feature	Closed	High	Keep important data on volumes within OpenStack cloud	Evgeny Novikov	Ilya Shchepetkov	3.2
10767	Klever	Feature	Closed	High	Allow to resize instances	Evgeny Novikov	Ilya Shchepetkov	3.2
10763	Klever	Feature	Closed	High	Allow to configure resource limits for executed commands	Evgeny Novikov	Evgeny Novikov	3.2
10759	Klever	Feature	Closed	Urgent	Support describing various classes of interaction scenarios within different environment models	Evgeny Novikov	Ilya Zakharov	3.2
10758	Klever	Bug	New	High	Aspect for checking memory safety refers ldv_nonzero_alloc() without definition	Evgeny Novikov		
10755	Klever	Bug	Closed	Urgent	Double free for environment models	Evgeny Novikov	Ilya Zakharov	3.1
10754	Klever	Feature	Closed	Urgent	Update CPAchecker (SMG)	Evgeny Novikov	Evgeny Novikov	3.2
10753	Klever	Feature	Closed	High	Allow to show/hide comments of particular levels	Evgeny Novikov	Vladimir Gratsinskiy	3.3
10752	Klever	Feature	Closed	High	Add shortcut/button to open eyes	Evgeny Novikov	Vladimir Gratsinskiy	3.3
10751	Klever	Feature	Closed	High	Add comments of level 2 for rather important places and actions within environment models	Evgeny Novikov	Evgeny Novikov	3.2
10750	Klever	Feature	Closed	High	Update CPAchecker (SMG)	Evgeny Novikov	Anton Vasilyev	3.1
10749	Klever	Feature	Closed	High	Collapse simple calls of functions which return values are stored to variables	Evgeny Novikov	Evgeny Novikov	3.2
10748	Klever	Feature	Closed	Normal	Update CPALockator	Evgeny Novikov	Pavel Andrianov	3.1
10746	Klever	Feature	Closed	High	Develop models for vmalloc()/vfree()	Evgeny Novikov	Evgeny Novikov	3.1

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10744	Klever	Feature	Closed	High	Develop model for "current"	Evgeny Novikov	Evgeny Novikov	3.1
10742	Klever	Feature	Closed	Urgent	Allow to weave in models with their aspects	Evgeny Novikov	Evgeny Novikov	3.1
10741	Klever	Feature	Closed	Urgent	Develop means to deal with Bridge hang ups	Evgeny Novikov	Vladimir Gratinskiy	3.1
10737	Klever	Feature	Closed	Urgent	Update Frama-C (CIL) to overcome some failures on ARM	Evgeny Novikov	Evgeny Novikov	3.1
10735	Klever	Bug	Closed	Immediate	Could not update development OpenStack instances	Evgeny Novikov	Evgeny Novikov	3.1
10732	Klever	Feature	Closed	High	Support tokens of type "Token.Name.Class"	Evgeny Novikov	Evgeny Novikov	3.1
10716	Klever	Feature	Closed	Urgent	Allow excluding common models in job.json	Evgeny Novikov	Evgeny Novikov	3.1
10714	Klever	Feature	Closed	Urgent	Get model compiler input file from job.json optionally	Evgeny Novikov	Evgeny Novikov	3.1
10713	Klever	Bug	Closed	Urgent	Include working source trees as header search directories for models	Evgeny Novikov	Evgeny Novikov	3.1
10712	Klever	Bug	Closed	Urgent	Do not define functions in aspect file describing memory allocating functions	Evgeny Novikov	Evgeny Novikov	3.1
10710	Klever	Feature	Closed	Urgent	Support new ISP RAS OpenStack cloud	Evgeny Novikov	Ilya Shchepetkov	3.1
10707	Klever	Feature	New	High	Forbid incompatible request to Bridge through CLI	Evgeny Novikov	Vladimir Gratinskiy	
10706	Klever	Feature	Closed	Urgent	Automatically populate preset jobs in development mode	Evgeny Novikov	Vladimir Gratinskiy	3.1
10704	Klever	Feature	Closed	High	Improve documentation describing development deployments	Evgeny Novikov	Evgeny Novikov	3.1
10703	Klever	Bug	Closed	Immediate	get() returned more than one UnsafeConversionCache	Evgeny Novikov	Vladimir Gratinskiy	3.1
10692	Klever	Feature	Closed	High	Update to Frama-C 20.0	Evgeny Novikov	Evgeny Novikov	3.1
10691	Klever	Bug	Closed	High	Fix uploading large job archives	Evgeny Novikov	Vladimir Gratinskiy	3.3
10690	Klever	Feature	Closed	Urgent	Speed up switching of source files for large error traces	Evgeny Novikov	Vladimir Gratinskiy	3.1
10689	Klever	Bug	Closed	Urgent	Fix statistics filter	Evgeny Novikov	Vladimir Gratinskiy	3.1
10688	Klever	Bug	Closed	Urgent	Do not hide small blocks of global declarations	Evgeny Novikov	Vladimir Gratinskiy	3.1
10686	C Instrumentation Framework	Bug	Closed	Urgent	Do not get rid of type casting in pointer arithmetics	Evgeny Novikov	Evgeny Novikov	
10685	C Instrumentation Framework	Feature	Closed	High	Test cross CIF on ARM	Evgeny Novikov	Ilya Shchepetkov	
10681	Klever	Feature	New	High	Support developer installation of CPAchecker	Evgeny Novikov		
10680	Klever	Feature	Closed	Urgent	Describe development of requirement specifications	Evgeny Novikov	Evgeny Novikov	3.1
10677	Klever	Bug	Closed	High	Users can easily ruin Native Scheduler by removing tasks.json	Evgeny Novikov	Ilya Zakharov	3.2
10675	Klever	Bug	Closed	Immediate	Define architecture specific macro when generating build bases for testing and validation	Evgeny Novikov	Evgeny Novikov	3.1
10674	Klever	Bug	Closed	Urgent	Fix ARM support	Evgeny Novikov	Evgeny Novikov	3.1
10672	Klever	Feature	Closed	Urgent	Include ARM based sample job into CI tests	Evgeny Novikov	Evgeny Novikov	3.1
10671	Klever	Feature	Closed	Urgent	Create ARM based sample job for verification of Linux loadable kernel modules	Evgeny Novikov	Evgeny Novikov	3.1

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10670	Klever	Bug	Closed	High	Invalid CIF is used for getting cross references	Evgeny Novikov	Evgeny Novikov	3.1
10669	Klever	Feature	Closed	High	Forbid actions with irrelevant types of Klever deployments	Evgeny Novikov	Ilya Shchepetkov	3.1
10663	Klever	Feature	New	High	Fix Bridge tests	Evgeny Novikov	Vladimir Gratinskiy	
10659	Klever	Feature	Closed	High	Show Klever version in Bridge	Evgeny Novikov	Ilya Shchepetkov	3.1
10658	Klever	Feature	Closed	High	Suggest working source trees automatically	Evgeny Novikov	Evgeny Novikov	3.1
10637	Klever	Feature	New	High	Do not update Klever and restart services when it does not necessary	Evgeny Novikov		
10636	Klever	Feature	New	High	Fail job referencing non-existing original sources	Evgeny Novikov	Vladimir Gratinskiy	
10634	Klever	Feature	New	High	Use transactions to update Klever addons and build bases	Evgeny Novikov		
10633	Klever	Feature	Closed	High	Use more robust identifier for Clade build bases	Evgeny Novikov	Evgeny Novikov	3.1
10628	Klever	Bug	Closed	Immediate	Catch and fix VTG-VRP hang ups	Evgeny Novikov	Ilya Zakharov	3.0
10622	Klever	Feature	Closed	Urgent	Develop preset tags for EMG	Evgeny Novikov	Ilya Zakharov	3.0
10599	Klever	Feature	New	High	Forbid modifications of present entities and simplify their synchronization	Evgeny Novikov	Vladimir Gratinskiy	
10598	Klever	Feature	New	High	Do not allow to compare solving verification jobs	Evgeny Novikov	Vladimir Gratinskiy	
10597	Klever	Feature	New	High	Show more important data first at the job page	Evgeny Novikov	Vladimir Gratinskiy	
10596	Klever	Bug	Closed	Immediate	Use of uninitialized CPU cores number	Evgeny Novikov	Ilya Zakharov	3.0
10592	Klever	Feature	Closed	High	Try to get rid of ZIP error workaround	Evgeny Novikov	Vladimir Gratinskiy	3.1
10585	Klever	Bug	Rejected	High	Do not fail when there is not appropriate Java for CPAchecker	Evgeny Novikov	Ilya Zakharov	
10579	Klever	Bug	Closed	Immediate	Do not reuse requests session between Core components (separate processes)	Evgeny Novikov	Evgeny Novikov	3.0
10578	Klever	Bug	Closed	Immediate	Native Scheduler reserves memory but does not use it completely	Evgeny Novikov	Ilya Zakharov	3.0
10577	Klever	Feature	Closed	Urgent	Place all addon archives to forge.ispras.ru	Evgeny Novikov	Evgeny Novikov	3.0
10561	Klever	Feature	Closed	Urgent	Klever Python package is not updated when updating Klever instances locally	Evgeny Novikov	Ilya Shchepetkov	3.0
10560	Klever	Feature	New	High	Highlight changes in files and directories of jobs regarding preset jobs	Evgeny Novikov	Vladimir Gratinskiy	
10554	Klever	Feature	Rejected	Urgent	Visualize declarations and advanced notes	Evgeny Novikov	Vladimir Gratinskiy	3.0
10551	Klever	Feature	Closed	Urgent	Develop preset tags for CPAlockator	Evgeny Novikov	Pavel Andrianov	3.0
10550	Klever	Feature	Closed	Urgent	Develop preset tags for CPAchecker BAM	Evgeny Novikov	Pavel Andrianov	3.0
10549	Klever	Feature	Closed	Urgent	Develop preset tags for CPAchecker SMG	Evgeny Novikov	Anton Vasilyev	3.0
10547	C Instrumentation Framework	Bug	Closed	Urgent	Skip artificial function call expressions for "__attribute__((__fallthrough__))";"	Evgeny Novikov	Evgeny Novikov	
10546	Klever	Feature	Closed	Urgent	Cause Weaver to output preprocessed source files and models	Evgeny Novikov	Evgeny Novikov	3.0
10531	Klever	Feature	Closed	Urgent	Report attributes and their flags according to the new scheme	Evgeny Novikov	Evgeny Novikov	3.0
10530	Klever	Feature	Closed	Urgent	Improve representation of leaf reports and enhance capabilities for providing their attributes	Evgeny Novikov	Vladimir Gratinskiy	3.0

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10526	Klever	Feature	Rejected	Urgent	Do not specify "associate" for unknown reports of VRP	Evgeny Novikov	Evgeny Novikov	3.0
10525	Klever	Bug	Closed	Immediate	Consider program fragment and requiremens specification as attribute for comparison	Evgeny Novikov	Evgeny Novikov	3.0
10498	Klever	Feature	Closed	Urgent	Develop model for v4l2_i2c_subdev_init()	Evgeny Novikov	Evgeny Novikov	3.0
10496	Klever	Feature	Closed	Urgent	Speed up loading of source files and related data	Evgeny Novikov	Vladimir Gratinskiy	3.0
10493	Klever	Feature	Closed	Urgent	Clean up directories when deploying new instances of Bridge	Evgeny Novikov	Vladimir Gratinskiy	3.0
10491	Klever	Feature	Closed	Urgent	Avoid numerous warnings about missed sources and code coverage	Evgeny Novikov	Vladimir Gratinskiy	3.0
10490	Klever	Bug	Closed	Urgent	Fix messages and their translation	Evgeny Novikov	Evgeny Novikov	3.0
10489	Klever	Feature	Closed	Urgent	Fix order of child jobs at the job page	Evgeny Novikov	Vladimir Gratinskiy	3.0
10488	Klever	Feature	Closed	Urgent	Develop models for devm memory allocating functions	Evgeny Novikov	Evgeny Novikov	3.0
10486	Klever	Feature	Closed	High	Develop environment model specification for inode_operations	Evgeny Novikov	Ilya Zakharov	3.3
10485	Klever	Feature	Closed	High	Improve and develop environment model specifications for file_system_type	Evgeny Novikov	Evgeny Novikov	
10484	Klever	Feature	Closed	Normal	Improve and develop filesystem environment model specifications	Evgeny Novikov	Ilya Zakharov	3.3
10478	C Instrumentation Framework	Bug	Closed	Urgent	Respect intermixes of declarations and statements	Evgeny Novikov	Evgeny Novikov	
10477	Klever	Bug	Closed	Urgent	Do not fail with errors "Archive ... was not attached"	Evgeny Novikov	Vladimir Gratinskiy	3.0
10476	Klever	Bug	Closed	Immediate	Distinguish models by their absolute paths rather than their contents	Evgeny Novikov	Evgeny Novikov	3.0
10472	Klever	Feature	Closed	Urgent	Support lightweight configuration of verification tools for target architecture	Evgeny Novikov	Ilya Zakharov	3.0
10471	Deductive Verification Tools for Linux Kernel	Feature	Closed	Normal	Support ARM architecture	Evgeny Novikov	Mikhail Mandrykin	
10465	Klever	Feature	Closed	Urgent	Update Klever tutorial	Evgeny Novikov	Evgeny Novikov	3.0
10464	Klever	Bug	Closed	Immediate	Missing assumptions when converting violation witnesses to error traces	Evgeny Novikov	Evgeny Novikov	3.0
10461	Klever	Feature	Closed	Normal	Support verification of Linux kernel modules on the ARM architecture	Evgeny Novikov	Evgeny Novikov	3.0
10460	Klever	Feature	Closed	Urgent	Get rid of unclear parentheses when representing Safes, Unsafes and Unknowns	Evgeny Novikov	Vladimir Gratinskiy	3.0
10458	Klever	Feature	Closed	Urgent	Update CPALockator	Evgeny Novikov	Evgeny Novikov	3.0
10431	Klever	Bug	Closed	Immediate	Missing verifier input files for lightweight verification results	Evgeny Novikov	Vladimir Gratinskiy	3.0
10420	Klever	Bug	Closed	Urgent	Incorrect upload of versions of the same job	Evgeny Novikov	Vladimir Gratinskiy	3.0
10418	Klever	Feature	Closed	Urgent	Download archives immediately to OpenStack instances	Evgeny Novikov	Ilya Shchepetkov	3.0
10363	Deductive Verification Tools for Linux Kernel	Bug	Closed	Normal	Invalid implicit conversion from void to int	Evgeny Novikov	Mikhail Mandrykin	

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10361	Deductive Verification Tools for Linux Kernel	Feature	New	High	Static initialization of flexible array members is an unsupported GNU extension	Evgeny Novikov	Mikhail Mandrykin	
10354	C Instrumentation Framework	Bug	Closed	Immediate	C Backend hangs up	Evgeny Novikov	Evgeny Novikov	
10351	Klever	Feature	New	High	Try more safe process creation method	Evgeny Novikov		
10319	C Instrumentation Framework	Bug	Closed	Urgent	C Backend incorrectly prints LLONG_MIN	Evgeny Novikov	Evgeny Novikov	
10271	Klever	Bug	Closed	Immediate	Bridge can not upload large job archives	Evgeny Novikov	Vladimir Gratinskiy	3.0
10219	C Instrumentation Framework	Bug	Closed	Urgent	Support attribute "aligned"	Evgeny Novikov	Evgeny Novikov	
10211	C Instrumentation Framework	Feature	Closed	Urgent	Support attribute "packed"	Evgeny Novikov	Evgeny Novikov	
10198	Deductive Verification Tools for Linux Kernel	Bug	Closed	Normal	Invalid serialization of post-decrement operation	Evgeny Novikov	Mikhail Mandrykin	
10192	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Frama-C (CIL) issues invalid error "lvalue of type void: tmp"	Evgeny Novikov	Mikhail Mandrykin	
10182	Klever	Feature	Closed	Urgent	Update Clade to 3.2.6	Evgeny Novikov	Evgeny Novikov	3.0
10151	Klever	Feature	New	High	Add shortcuts for most popular events	Evgeny Novikov	Vladimir Gratinskiy	
10148	Klever	Feature	New	High	Keep modification time for entities and sort them by it	Evgeny Novikov	Vladimir Gratinskiy	
10138	Klever	Feature	Closed	Urgent	Develop environment model specifications for Linux 5.5	Evgeny Novikov	Ilya Zakharov	3.0
10132	C Instrumentation Framework	Feature	Closed	Urgent	Add gnu_inline attribute to auxiliary function declarations	Evgeny Novikov	Evgeny Novikov	
10127	Klever	Bug	Closed	Urgent	Declare ldv_inline_asm() before usage	Evgeny Novikov	Evgeny Novikov	3.0
10126	Klever	Feature	Closed	Urgent	Rearrange requirement specifications	Evgeny Novikov	Evgeny Novikov	3.0
10120	Klever	Bug	Closed	Urgent	Do not include stddef.h for kernel space	Evgeny Novikov	Ilya Zakharov	3.0
10101	Klever	Feature	New	High	Deploy addons and build bases within base images	Evgeny Novikov		
10087	Klever	Feature	Closed	High	Get rid of cheats in Scheduler service	Evgeny Novikov	Evgeny Novikov	3.2
10086	Klever	Feature	Closed	High	Do not fail on start up during Controller initialization	Evgeny Novikov	Ilya Zakharov	3.2
10080	Klever	Feature	Closed	Urgent	Do not preprocess source code outputted by CIF	Evgeny Novikov	Evgeny Novikov	3.0
10079	Klever	Feature	Closed	Urgent	Do not make absolute paths for line directives	Evgeny Novikov	Evgeny Novikov	3.0
10078	C Instrumentation Framework	Feature	Closed	Urgent	Output preprocessed source code	Evgeny Novikov	Evgeny Novikov	
10077	C Instrumentation Framework	Feature	Closed	Urgent	Output absolute paths within line directives	Evgeny Novikov	Evgeny Novikov	

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10072	Klever	Feature	New	High	Support navigation for unsafes	Evgeny Novikov	Vladimir Gratinskiy	
10062	C Instrumentation Framework	Feature	Closed	Urgent	Allow to install CIF to the system	Evgeny Novikov	Evgeny Novikov	
10043	Klever	Feature	Closed	Urgent	Update CPAchecker	Evgeny Novikov	Evgeny Novikov	3.0
10042	Klever	Feature	Closed	Urgent	Simplify the job tree	Evgeny Novikov	Vladimir Gratinskiy	3.0
9989	Klever	Feature	Closed	Urgent	Distinguish important environment models	Evgeny Novikov	Vladimir Gratinskiy	3.0
9988	Klever	Feature	Closed	Urgent	Name environment model functions in a more user friendly way	Evgeny Novikov	Ilja Zakharov	3.0
9985	Deductive Verification Tools for Linux Kernel	Feature	Closed	High	Fold temporary variables back	Evgeny Novikov	Mikhail Mandrykin	
9973	Klever	Feature	Closed	Urgent	Visualize data reports according to top-level configuration attributes	Evgeny Novikov	Evgeny Novikov	3.0
9935	C Instrumentation Framework	Feature	Closed	Urgent	Get rid of auxiliary function duplicates	Evgeny Novikov	Evgeny Novikov	
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
9927	Klever	Feature	Closed	High	Allow to check for preset verification job changes	Evgeny Novikov	Vladimir Gratinskiy	3.0
9926	Klever	Feature	Closed	Urgent	Do not wait for ~10 seconds before finishing job solution	Evgeny Novikov	Ilja Zakharov	3.0
9906	Klever	Feature	Closed	Urgent	Update CIL	Evgeny Novikov	Evgeny Novikov	3.0
9905	Klever	Feature	Closed	Urgent	Allow to select code coverage kind when launching verification job solutions	Evgeny Novikov	Evgeny Novikov	3.0
9900	Klever	Feature	Rejected	Urgent	Support includes for requirements base	Evgeny Novikov		3.0
9897	Klever	Feature	Closed	Urgent	Develop tutorial	Evgeny Novikov	Evgeny Novikov	3.0
9895	Deductive Verification Tools for Linux Kernel	Feature	Closed	High	Disabling single exit point	Evgeny Novikov	Mikhail Mandrykin	
9866	Klever	Feature	Closed	High	Show warning when users will reach source files without code coverage	Evgeny Novikov	Vladimir Gratinskiy	3.0
9858	Klever	Feature	Closed	Urgent	Support new verification jobs base	Evgeny Novikov	Vladimir Gratinskiy	3.0
9857	Klever	Feature	Closed	Urgent	Rearrange verification jobs within presets	Evgeny Novikov	Vladimir Gratinskiy	3.0
9850	Klever	Feature	Closed	Urgent	Specify exact versions for Python and its packages	Evgeny Novikov	Evgeny Novikov	3.0
9836	Klever	Feature	Closed	Urgent	Collapse migrations	Evgeny Novikov	Vladimir Gratinskiy	3.0
9831	Klever	Feature	Closed	Urgent	Do not indent internal JSON files in production mode	Evgeny Novikov	Evgeny Novikov	3.0
9830	Klever	Feature	New	High	Update page after changes in safes/unsafes/unknowns	Evgeny Novikov	Vladimir Gratinskiy	
9825	Klever	Feature	Closed	Urgent	Get rid of temporary variables and their removing	Evgeny Novikov	Evgeny Novikov	3.0
9824	Klever	Feature	Closed	Urgent	Get rid of auxiliary functions and their removing	Evgeny Novikov	Evgeny Novikov	3.0

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
9796	Klever	Bug	Closed	Immediate	Deployment of Klever itself from directory is broken	Evgeny Novikov	Evgeny Novikov	3.0
9795	Klever	Feature	Closed	High	Highlight all occurrences of pointed identifiers	Evgeny Novikov	Vladimir Gratsinskiy	3.3
9768	Klever	Feature	Closed	High	Use built-in means for checking Clade directory	Evgeny Novikov	Ilya Shchepetkov	3.0
9740	Klever	Feature	New	High	Do not lose changes in files at opening other files for editing	Evgeny Novikov	Vladimir Gratsinskiy	
9703	Klever	Feature	Closed	Urgent	Update BenchExec	Evgeny Novikov	Ilya Zakharov	3.0
9694	Klever	Feature	New	High	Initiate discussion on results for Juliet test suite with its developers	Evgeny Novikov	Evgeny Novikov	
9693	Klever	Feature	Open	High	Develop a new algorithm for generating fragments for Juliet test cases	Evgeny Novikov	Ilya Zakharov	
9692	Klever	Feature	Closed	Urgent	Investigate whether Juliet license permits to include test cases into Klever preset validation job	Evgeny Novikov	Anton Vasilyev	
9691	Klever	Feature	New	High	Integrate Juliet test suite as one more validation job	Evgeny Novikov	Evgeny Novikov	
9653	Deductive Verification Tools for Linux Kernel	Bug	Closed	High	Frama-C (CIL) incorrectly outputs wide character literals	Evgeny Novikov	Mikhail Mandrykin	
9652	Klever	Bug	New	High	Schedulers initialize themselves 3 times	Evgeny Novikov	Ilya Zakharov	
9648	Klever	Feature	Closed	Urgent	Update CPAchecker one more time	Evgeny Novikov	Evgeny Novikov	3.0
9610	Klever	Feature	Closed	Urgent	Show actual Frama-C (CIL) failures	Evgeny Novikov	Evgeny Novikov	3.0
9609	Klever	Feature	Closed	Urgent	Avoid recursion in simple tests	Evgeny Novikov	Evgeny Novikov	3.0
9604	Klever	Feature	Closed	High	Develop new test suite for CPAchecker on base of Klever integration tests	Evgeny Novikov	Evgeny Novikov	
9599	Klever	Feature	New	High	Support basic verification of drivers of Linux 3.14.79, 3.16.65, 4.4.178, 4.9.168, 4.14.111, 4.19.34, 5.0.7	Evgeny Novikov	Evgeny Novikov	
9597	Klever	Feature	New	High	Evaluate how much space on disk is necessary at most for verification of all Linux 3.14 kernel loadable modules against 3 requirements	Evgeny Novikov		
9589	Klever	Bug	Closed	Urgent	Fix obtaining compiler options for building models	Evgeny Novikov	Ilya Zakharov	3.0
9584	Klever	Feature	Closed	High	Handle one more warning from BenchExec	Evgeny Novikov	Ilya Zakharov	3.1
9583	Klever	Feature	Closed	Urgent	Update CPAchecker	Evgeny Novikov	Evgeny Novikov	3.0
9581	Klever	Bug	Closed	Immediate	Fix population of preset jobs in production mode	Evgeny Novikov	Evgeny Novikov	3.0
9577	C Instrumentation Framework	Feature	Rejected	High	Disable C++ support	Evgeny Novikov		
9573	Klever	Feature	Closed	Urgent	Include deployment of build base intended for preset verification job Linux 3.14	Evgeny Novikov	Evgeny Novikov	3.0
9567	Klever	Feature	Closed	Urgent	Update BenchExec	Evgeny Novikov	Evgeny Novikov	3.0
9563	Deductive Verification Tools for Linux Kernel	Feature	New	Normal	Investigate less efficient code generation	Evgeny Novikov	Mikhail Mandrykin	
9561	C Instrumentation Framework	Feature	Closed	Urgent	C back-end should support __floatn type specifiers	Evgeny Novikov	Evgeny Novikov	

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
9560	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Frama-C (CIL) does not support initialization of wide character arrays with wide character literals like GCC	Evgeny Novikov	Mikhail Mandrykin	
9559	C Instrumentation Framework	Bug	Closed	Urgent	C back-end incorrectly prints wide character strings	Evgeny Novikov	Evgeny Novikov	
9558	Klever	Feature	Closed	Urgent	Install entities properly	Evgeny Novikov	Evgeny Novikov	3.0
9550	C Instrumentation Framework	Bug	Rejected	Urgent	Invalid signatures for functions with function pointers as arguments	Evgeny Novikov		
9549	C Instrumentation Framework	Bug	Rejected	Urgent	C back-end provides invalid function prototypes	Evgeny Novikov		
9546	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Frama-C (CIL) for GCC does not behave like GCC when casting ternary operators	Evgeny Novikov	Mikhail Mandrykin	
9545	Klever	Feature	Closed	Urgent	Increase automatic update period for job pages	Evgeny Novikov	Vladimir Gratinskiy	3.0
9544	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Better support of fields declared using flexible array members	Evgeny Novikov	Mikhail Mandrykin	
9543	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Frama-C (CIL) dislikes large enumerators	Evgeny Novikov	Mikhail Mandrykin	
9539	C Instrumentation Framework	Feature	Closed	Urgent	Print stub for inline Assembler	Evgeny Novikov	Evgeny Novikov	
9538	Deductive Verification Tools for Linux Kernel	Feature	Closed	High	Reduce memory consumption by Frama-C (CIL)	Evgeny Novikov	Mikhail Mandrykin	
9537	Deductive Verification Tools for Linux Kernel	Bug	Closed	Urgent	Frama-C (CIL) reports strange error about type redefinition	Evgeny Novikov	Mikhail Mandrykin	
9536	Klever	Feature	Closed	Urgent	Update CIF	Evgeny Novikov	Evgeny Novikov	3.0
9535	Klever	Feature	Closed	Urgent	Increase memory limit for Frama-C (CIL)	Evgeny Novikov	Evgeny Novikov	3.0
9534	C Instrumentation Framework	Bug	Rejected	Urgent	Incorrect printing of Linux BUILD_BUG_ON	Evgeny Novikov		
9533	C Instrumentation Framework	Bug	Closed	Urgent	Can't find array size	Evgeny Novikov	Evgeny Novikov	
9532	Klever	Feature	Closed	Urgent	Update CPAChecker	Evgeny Novikov	Evgeny Novikov	3.0
9531	Klever	Bug	Closed	Urgent	Environment models for void functions should not return any values	Evgeny Novikov	Evgeny Novikov	3.0
9530	Klever	Feature	New	High	Investigate cons and pros of Frama-C (CIL) slicing	Evgeny Novikov		
9520	C Instrumentation Framework	Feature	Closed	Urgent	Optimize code querying and avoid considerable memory leaks during it	Evgeny Novikov	Evgeny Novikov	

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
9519	Deductive Verification Tools for Linux Kernel	Feature	Closed	Urgent	Frama-C CIL is too inefficient	Evgeny Novikov	Mikhail Mandrykin	
9515	C Instrumentation Framework	Feature	Closed	Urgent	Properly evaluate integer aspect patterns	Evgeny Novikov	Evgeny Novikov	
9509	C Instrumentation Framework	Feature	Closed	Urgent	Make aspect pattern parameters more user-friendly	Evgeny Novikov	Evgeny Novikov	
9500	Klever	Feature	Closed	Urgent	Finish support of MySQL/MariaDB	Evgeny Novikov	Vladimir Gratinskiy	3.0
9499	Klever	Feature	Closed	Urgent	Switch to new Clade API	Evgeny Novikov	Ilya Shchepetkov	3.0
9461	Klever	Feature	Closed	Urgent	Generate new reports with sources	Evgeny Novikov	Evgeny Novikov	3.0
9460	Klever	Feature	Closed	Urgent	Support new reports with sources	Evgeny Novikov	Vladimir Gratinskiy	3.0
9459	Klever	Feature	Closed	Urgent	Generate error traces in a new format	Evgeny Novikov	Evgeny Novikov	3.0
9458	Klever	Feature	Closed	Urgent	Visualize a new format of error traces	Evgeny Novikov	Vladimir Gratinskiy	3.0
9454	Klever	Feature	Closed	Urgent	Visualize code coverage in a new format	Evgeny Novikov	Vladimir Gratinskiy	3.0
9453	Klever	Feature	Closed	Urgent	Generate code coverage in a new format	Evgeny Novikov	Evgeny Novikov	3.0
9449	Klever	Feature	Closed	Urgent	Make lightweight verification results more lightweight	Evgeny Novikov	Vladimir Gratinskiy	3.0
9445	Klever	Feature	Closed	Urgent	Support build bases provided in form of archives and placed at standard locations	Evgeny Novikov	Evgeny Novikov	3.0
9444	Klever	Feature	Closed	Urgent	Support cross referencing	Evgeny Novikov	Vladimir Gratinskiy	3.0
9443	C Instrumentation Framework	Feature	Rejected	Urgent	Allow obtaining data necessary for cross referencing	Evgeny Novikov	Evgeny Novikov	
9433	Klever	Bug	New	High	Incorrect error processing and misleading error message when there is not proper Java for CPAChecker	Evgeny Novikov	Ilya Zakharov	
9394	Klever	Feature	Open	High	Support verification of built-in Linux kernel modules	Evgeny Novikov	Ilya Zakharov	
9391	Klever	Feature	Closed	Urgent	Make production marks intended for Linux 3.14	Evgeny Novikov	Evgeny Novikov	
9381	Klever	Feature	Closed	Urgent	Return back program fragment sizes	Evgeny Novikov	Ilya Zakharov	3.0
9355	Klever	Feature	Closed	Urgent	Suggest more user friendly configuration for program fragments and requirements	Evgeny Novikov	Evgeny Novikov	3.0
9349	Klever	Feature	New	High	Support regular expressions for providing ideal verdicts	Evgeny Novikov		
9348	Klever	Feature	Closed	Urgent	Request for changes in jobs and tasks just after receiving corresponding notifications	Evgeny Novikov	Ilya Zakharov	3.0
9347	Klever	Feature	Closed	Urgent	Notify schedulers about changes in jobs and tasks	Evgeny Novikov	Vladimir Gratinskiy	3.0
9346	C Instrumentation Framework	Bug	Closed	Urgent	Remove "-include" options after second stage	Evgeny Novikov	Evgeny Novikov	
9345	Klever	Bug	Closed	Urgent	Do not compare verification objects for unknown marks by default	Evgeny Novikov	Vladimir Gratinskiy	3.0
9340	Klever	Bug	Closed	Urgent	Use LDV functions for allocating memory	Evgeny Novikov	Ilya Zakharov	2.0

#	Project	Tracker	Status	Priority	Subject	Author	Assignee	Target version
9339	Klever	Bug	Closed	Urgent	Incorrect progress report	Evgeny Novikov	Ilja Zakharov	3.0
9313	Klever	Feature	Closed	Urgent	Introduce top level configuration options for processing verification results	Evgeny Novikov	Evgeny Novikov	3.0
9293	Klever	Feature	Rejected	High	Install Python3 packages locally for users	Evgeny Novikov		
9290	Klever	Feature	New	High	Respect warnings issued by Clade	Evgeny Novikov		
9289	Klever	Bug	Closed	Urgent	Native Scheduler does not properly handle errors with tasks.json	Evgeny Novikov	Ilja Zakharov	2.0
9246	Klever	Feature	Closed	Urgent	Get ready rule specifications for verification of C programs	Evgeny Novikov	Evgeny Novikov	2.0
9244	Klever	Feature	New	High	Refactor models and rule specifications related both with EMG and requirements	Evgeny Novikov	Evgeny Novikov	
9243	Klever	Feature	New	High	Add more tests for models related both with EMG and requirements	Evgeny Novikov	Evgeny Novikov	
9236	Klever	Feature	New	High	Get rid of option duplicates within rule specifications base	Evgeny Novikov	Ilja Zakharov	
9193	Klever	Feature	New	High	Continue sorting out sync:race tests	Evgeny Novikov	Pavel Andrianov	
9186	Klever	Feature	Closed	Urgent	Get rid of VTG plugin callbacks	Evgeny Novikov	Evgeny Novikov	3.0
9167	Klever	Feature	New	High	Track speculative wall and CPU time	Evgeny Novikov		
9164	Klever	Feature	Closed	Urgent	Do not fail tasks and jobs if BenchExec detects CPU throttling	Evgeny Novikov	Ilja Zakharov	1.1
9159	Klever	Feature	New	High	Split schedulersutils/__init__.py	Evgeny Novikov	Ilja Zakharov	
9158	Klever	Feature	New	High	Wait for apt unlocking	Evgeny Novikov	Evgeny Novikov	
9145	Klever	Feature	Rejected	High	Do not restart Native Scheduler when changing Job Worker configuration	Evgeny Novikov		
9144	Klever	Feature	Rejected	High	Reread Native Scheduler Job Worker configuration	Evgeny Novikov		
9143	Klever	Feature	Closed	Urgent	Install Klever for testing in semidevelopment mode	Evgeny Novikov	Evgeny Novikov	1.1
9141	Klever	Feature	New	High	Do not start up graphical interface for Klever OpenStack instances	Evgeny Novikov	Evgeny Novikov	
9129	Klever	Feature	Closed	Urgent	Specify production preset jobs and marks	Evgeny Novikov	Evgeny Novikov	2.0
9128	Klever	Feature	Closed	Urgent	Distinguish production and non-production preset jobs and marks	Evgeny Novikov	Vladimir Gratinskiy	2.0
9113	Klever	Feature	Closed	Urgent	Support updating Klever experimental instances	Evgeny Novikov	Evgeny Novikov	1.1
9108	Klever	Feature	Closed	Urgent	Log more noticable errors	Evgeny Novikov	Evgeny Novikov	1.1
9107	Klever	Feature	Closed	Urgent	Disable debug for production mode	Evgeny Novikov	Evgeny Novikov	1.1
9106	Klever	Feature	Closed	Urgent	Allow all hosts	Evgeny Novikov	Evgeny Novikov	1.1
9099	Klever	Feature	Closed	Urgent	Update CPALockator	Evgeny Novikov	Pavel Andrianov	1.1
9095	Klever	Feature	Closed	Urgent	Fail earlier if some Klever experimental instances exist	Evgeny Novikov	Evgeny Novikov	1.1
9094	Klever	Feature	Closed	Urgent	Optimize creature of single Klever experimental instance	Evgeny Novikov	Evgeny Novikov	1.1
9093	Klever	Bug	New	High	Stop services before updates	Evgeny Novikov	Evgeny Novikov	
9090	Klever	Bug	Closed	Urgent	Create production instances of Klever locally if necessary	Evgeny Novikov	Evgeny Novikov	1.1
9089	Klever	Feature	Closed	Urgent	Investigate whether disabling safe marks matter	Evgeny Novikov	Vladimir Gratinskiy	2.0
9088	Klever	Feature	Closed	Urgent	Enable safe marks by default	Evgeny Novikov	Vladimir Gratinskiy	2.0

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9087	Klever	Bug	Closed	Urgent	IndexError: pop from empty list	Evgeny Novikov	Vladimir Gratinskiy	2.0
9081	Klever	Bug	Closed	High	Uploading unsafe marks fail with unknown error	Evgeny Novikov	Vladimir Gratinskiy	3.0
9077	Klever	Feature	Closed	High	Automatically change uploaded job titles if they already exist	Evgeny Novikov	Vladimir Gratinskiy	3.0
9064	Klever	Bug	Closed	Urgent	Klever developer instances are not developer ones	Evgeny Novikov	Evgeny Novikov	1.1
9059	Klever	Bug	New	High	Absence of log files can result to job error	Evgeny Novikov	Ilya Zakharov	
9053	Klever	Feature	Closed	High	Remove redundant statuses for preset marks	Evgeny Novikov	Vladimir Gratinskiy	3.0
9052	Klever	Feature	Closed	High	Allow mark status just for verdict "bug"	Evgeny Novikov	Vladimir Gratinskiy	3.0
9048	Klever	Bug	Closed	Immediate	Analyze and fix some preset marks for validation job	Evgeny Novikov	Evgeny Novikov	1.0
9045	Klever	Feature	Closed	High	Remove attributes without true "is_compare" in preset marks	Evgeny Novikov	Vladimir Gratinskiy	3.0
9044	Klever	Feature	Closed	High	Do not include attributes without true "is_compare" when downloading marks in preset format	Evgeny Novikov	Vladimir Gratinskiy	3.0
9042	Klever	Feature	Closed	Urgent	Enable automatic start ups of Klever services	Evgeny Novikov	Ilya Shchepetkov	3.0
9037	Klever	Feature	Closed	High	Do not show all (sub)components for unmatched results in comparison	Evgeny Novikov	Vladimir Gratinskiy	3.0
9036	Klever	Feature	Closed	Urgent	Open job.json for editing when changind job versions	Evgeny Novikov	Vladimir Gratinskiy	1.1
9035	Klever	Feature	Closed	Urgent	Change the way to identify sub-jobs	Evgeny Novikov	Evgeny Novikov	1.1
9034	Klever	Feature	Closed	High	Allow to clear comparison cache	Evgeny Novikov	Vladimir Gratinskiy	3.0
9028	Klever	Bug	Closed	Urgent	Using production decision configuration file does not work	Evgeny Novikov	Vladimir Gratinskiy	1.1
9027	Klever	Bug	Closed	Urgent	Fix Bridge unit tests	Evgeny Novikov	Vladimir Gratinskiy	2.0
9013	Klever	Feature	Closed	Urgent	Get rid of redundant caches	Evgeny Novikov	Vladimir Gratinskiy	1.1
9007	Klever	Bug	Closed	Immediate	Can not open table with unknowns for particular rule specification	Evgeny Novikov	Vladimir Gratinskiy	1.0
9005	Klever	Bug	New	Normal	Controller does not support directories with spaces	Evgeny Novikov		
9003	Klever	Feature	Closed	Urgent	Fail to start job decision if scheduler "Klever" is not working	Evgeny Novikov	Vladimir Gratinskiy	1.1
9002	Klever	Feature	Closed	Urgent	Switch to systemd scripts from init.d ones	Evgeny Novikov	Ilya Shchepetkov	3.0
9001	Klever	Feature	Closed	Urgent	Dump similarities for associated unsafe marks	Evgeny Novikov	Vladimir Gratinskiy	1.1
8989	Klever	Feature	Closed	High	Allow to populate just jobs/marks/tags	Evgeny Novikov	Vladimir Gratinskiy	3.0
8987	Klever	Feature	Closed	Urgent	Support remote sources	Evgeny Novikov	Evgeny Novikov	1.1
8981	Klever	Bug	Closed	Immediate	Visualization of error traces for generic:memory is broken	Evgeny Novikov	Vladimir Gratinskiy	1.0
8977	Klever	Bug	Closed	High	Can not specify zero rows for tables	Evgeny Novikov	Vladimir Gratinskiy	3.0
8965	Klever	Bug	New	High	Get unknown error when opening page after dropping database	Evgeny Novikov	Vladimir Gratinskiy	
8962	Klever	Bug	Closed	High	Bridge says that components finish in statistics while they are in progress	Evgeny Novikov	Vladimir Gratinskiy	3.0
8950	Klever	Bug	Closed	Urgent	Remove redundant preset marks	Evgeny Novikov	Evgeny Novikov	1.0
8949	Klever	Bug	Closed	Urgent	Broken comparison of undecided jobs	Evgeny Novikov	Vladimir Gratinskiy	1.0
8948	Klever	Feature	Closed	Urgent	Inherit job titles when copying jobs	Evgeny Novikov	Vladimir Gratinskiy	1.1

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8947	Klever	Feature	Closed	Urgent	Eventually get rid of picture buttons in menus	Evgeny Novikov	Vladimir Gratinskiy	1.0
8942	Klever	Bug	Closed	Urgent	Fix uploading verification job reports	Evgeny Novikov	Vladimir Gratinskiy	1.0
8941	Klever	Bug	Closed	Urgent	Native Scheduler has a race when cancelling job decisions	Evgeny Novikov	Ilya Zakharov	1.0
8940	Klever	Bug	Closed	Immediate	Command-line requests to Bridge are broken	Evgeny Novikov	Vladimir Gratinskiy	1.0
8938	Klever	Feature	New	High	Use browser notifications for reporting job status changes	Evgeny Novikov	Vladimir Gratinskiy	
8935	Klever	Bug	Closed	Immediate	Bridge hangs during cancelling job decisions	Evgeny Novikov	Vladimir Gratinskiy	1.0
8934	Klever	Bug	Closed	Immediate	Incorrect processing of decision configuration file	Evgeny Novikov	Vladimir Gratinskiy	1.0
8933	Klever	Bug	Closed	Immediate	Can not change decision mode	Evgeny Novikov	Vladimir Gratinskiy	1.0
8926	Klever	Feature	Closed	Urgent	Check for verification job archive format ASAP	Evgeny Novikov	Vladimir Gratinskiy	1.0
8925	Klever	Feature	New	High	Process error traces with timeout	Evgeny Novikov	Vladimir Gratinskiy	
8922	Klever	Feature	Closed	Urgent	Remember necessary post update actions if something goes wrong	Evgeny Novikov	Evgeny Novikov	1.1
8921	Klever	Feature	Closed	Urgent	Support more powerful SSH connection to OpenStack instances	Evgeny Novikov	Ilya Shchepetkov	1.1
8905	Klever	Bug	Closed	Immediate	Take into account that Django development server is not powerful	Evgeny Novikov	Ilya Zakharov	1.0
8897	Klever	Feature	Closed	Urgent	Update CPAChecker	Evgeny Novikov	Ilya Zakharov	1.0
8889	Klever	Feature	Closed	Urgent	Support verification job formats properly	Evgeny Novikov	Vladimir Gratinskiy	3.0
8888	Klever	Feature	Closed	High	Allow to edit last job decision configuration	Evgeny Novikov	Vladimir Gratinskiy	3.0
8840	Klever	Feature	Closed	Urgent	Add support for several private SSH keys for OpenStack instances	Evgeny Novikov	Ilya Shchepetkov	1.0
8835	Klever	Bug	Closed	Immediate	FileExistsError during coverage processing	Evgeny Novikov	Alexey Polushkin	1.0
8757	Klever	Feature	Closed	High	Keep job titles in history	Evgeny Novikov	Vladimir Gratinskiy	3.0
8754	Klever	Feature	Closed	Urgent	Require unique job names	Evgeny Novikov	Vladimir Gratinskiy	1.0
8732	Klever	Feature	Closed	Urgent	Allow to edit verification job meta information during their solution	Evgeny Novikov	Vladimir Gratinskiy	3.0
8722	Klever	Feature	Closed	Urgent	Prepare scripts for automatic deployment on Debian 9	Evgeny Novikov	Evgeny Novikov	1.0
8705	Klever	Feature	Closed	Urgent	Change the way of reporting unsafe reports	Evgeny Novikov	Evgeny Novikov	1.0
8666	Klever	Bug	Closed	Urgent	Acquire locks when dealing when build commands cache	Evgeny Novikov	Alexey Polushkin	1.0
8664	Klever	Feature	Rejected	Urgent	Refactor relating build commands	Evgeny Novikov		2.0
8663	Klever	Feature	Closed	Urgent	Treat stopping Core (sub)components as normal executions	Evgeny Novikov	Ilya Zakharov	1.1
8662	Klever	Feature	Closed	Immediate	Workaround authentication issues	Evgeny Novikov	Ilya Zakharov	1.0
8661	Klever	Feature	Closed	Urgent	Do not consider bad zip archives as errors	Evgeny Novikov	Vladimir Gratinskiy	1.0
8653	Klever	Bug	Closed	Immediate	Confirmed unsafe marks cache is not consistent	Evgeny Novikov	Vladimir Gratinskiy	1.0
8652	Klever	Feature	Closed	Urgent	Rename all existing preset marks using file names consisting of 32 hexadecimal symbols	Evgeny Novikov	Vladimir Gratinskiy	1.0
8651	Klever	Feature	Closed	Urgent	Consider preset mark file names as mark identifiers	Evgeny Novikov	Vladimir Gratinskiy	1.0
8650	Klever	Feature	Closed	Urgent	Allow to download marks in preset format	Evgeny Novikov	Vladimir Gratinskiy	1.0

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8648	Klever	Feature	Closed	Urgent	Allow to download/upload job subtrees	Evgeny Novikov	Vladimir Gratinskiy	1.0
8647	Klever	Feature	Closed	Urgent	Allow to share/hide OpenStask instances from outside world	Evgeny Novikov	Ilya Shchepetkov	1.0
8646	Klever	Feature	Closed	Urgent	Optimize total coverage calculation	Evgeny Novikov	Ilya Zakharov	1.1
8631	Klever	Feature	Closed	Urgent	Users need instructions how to deploy Klever within OpenStack clouds	Evgeny Novikov	Evgeny Novikov	1.0
8629	Klever	Feature	New	High	Allow to upload multiple files at once	Evgeny Novikov	Vladimir Gratinskiy	
8628	Klever	Bug	Closed	Urgent	Properly restrict job name length	Evgeny Novikov	Vladimir Gratinskiy	3.0
8627	Klever	Feature	Closed	Urgent	Allow forbidding checking final state	Evgeny Novikov	Ilya Zakharov	2.0
8626	Klever	Bug	Closed	Urgent	Can not compare verification results	Evgeny Novikov	Vladimir Gratinskiy	1.0
8625	Klever	Bug	Closed	Urgent	VTG consumes too much CPU time	Evgeny Novikov	Ilya Zakharov	1.0
8624	Klever	Feature	New	High	Add tests with forbidding callback invocations	Evgeny Novikov	Ilya Zakharov	
8623	Klever	Bug	New	High	EMG does not relate registration of statically combined containers	Evgeny Novikov	Ilya Zakharov	
8622	Klever	Feature	Closed	Urgent	Support function coverage navigation	Evgeny Novikov	Vladimir Gratinskiy	1.1
8621	Klever	Feature	Closed	Urgent	Develop environment model specification for category tty_idisc_ops	Evgeny Novikov	Ilya Zakharov	2.0
8614	Klever	Feature	New	High	Verify Linux kernel modules in alphabetical order	Evgeny Novikov	Ilya Zakharov	
8613	Klever	Bug	Closed	Urgent	Inaccurate specification for category tty_operations	Evgeny Novikov	Ilya Zakharov	2.0
8612	Klever	Bug	Closed	Urgent	Incorrect replacements for spaces in downloaded file names	Evgeny Novikov	Vladimir Gratinskiy	1.0
8611	Klever	Feature	Rejected	High	Allow to choose details for code coverage when starting job decision	Evgeny Novikov		
8610	Klever	Feature	Closed	Urgent	Do not show previously opened file when opening a new one	Evgeny Novikov	Vladimir Gratinskiy	1.1
8606	Klever	Bug	Closed	Urgent	Could not find build command description for drivers/extcon/extcon-core.o of Linux 4.9.65	Evgeny Novikov	Alexey Polushkin	1.0
8602	Klever	Bug	Closed	Immediate	OSError: [Errno 39] Directory not empty	Evgeny Novikov	Ilya Zakharov	1.0
8601	Klever	Feature	New	High	Add more tests for correctness rules specification sync:race	Evgeny Novikov	Pavel Andrianov	
8599	Klever	Feature	Closed	High	Specify parent directories when uploading new files	Evgeny Novikov	Vladimir Gratinskiy	3.0
8598	Klever	Feature	Closed	Urgent	Support partially threaded environment models	Evgeny Novikov	Ilya Zakharov	2.0
8597	Klever	Feature	Closed	Urgent	Remember history of opened files with coverage	Evgeny Novikov	Vladimir Gratinskiy	3.0
8596	Klever	Feature	Closed	Urgent	Allow to enumerate kernel files to be analyzed with modules using directories	Evgeny Novikov	Ilya Zakharov	2.0
8589	Klever	Feature	New	High	Reduce the number of request for getting job data	Evgeny Novikov	Vladimir Gratinskiy	
8588	Klever	Feature	Closed	High	Support initialization of Linux kernel	Evgeny Novikov	Ilya Zakharov	
8586	Klever	Feature	Closed	Urgent	Support comparing entity versions	Evgeny Novikov	Vladimir Gratinskiy	1.0
8580	Klever	Feature	Rejected	High	Redundant data is stored in job archives for progress	Evgeny Novikov		
8579	Klever	Bug	Closed	Immediate	Progress is not evaluated as 100% for large number of tasks	Evgeny Novikov	Ilya Zakharov	1.0
8568	Klever	Feature	Closed	Urgent	Optimize weaving	Evgeny Novikov	Evgeny Novikov	3.0