

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Target version
466	LTTng-tools	Bug	Resolved	Normal	add-context seems broken for UST		
528	Babeltrace	Feature	Invalid	Normal	Add git version information to project version		
526	LTTng-tools	Feature	Resolved	Normal	Add git version information to project version		
527	LTTng-UST	Feature	New	Normal	Add git version information to project version		
1410	Babeltrace	Feature	New	Normal	Add pretty-print sink options to override how to format floating point numbers		Babeltrace - 2.1
1238	LTTng-UST	Bug	Resolved	Normal	AddressSanitizer detects a global buffer overflow when we iterate over tracepoint sections	Mathieu Desnoyers	
519	LTTng-tools	Feature	Resolved	Normal	Add timestamps to sessiond/consumerd logs	David Goulet	2.5
962	LTTng-modules	Feature	New	Low	add x86 exceptions.h and irq_vectors.h instrumentation (and mpx.h)	Mathieu Desnoyers	Wishlist
100	LTTng-tools	Bug	Resolved	Normal	After sessiond major failure (e.g. segfault), new sessiond hangs on previous consumer	David Goulet	2.0 stable
521	LTTng-tools	Feature	Resolved	Normal	Allow override of /var/run directory		2.3
520	LTTng-UST	Feature	New	Normal	Allow override of /var/run directory		
696	LTTng-modules	Bug	Resolved	High	ARM gcc 4.8.0, 4.8.1, 4.8.2 produces clobbered frame accesses	Mathieu Desnoyers	
1300	Babeltrace	Feature	New	Normal	babeltrace2 lacks knowledge of bitwise enum produced by lttng-modules		Babeltrace - 2.1
1299	Babeltrace	Bug	Confirmed	Normal	babeltrace2 re-uses prior event string rather than expected empty string		Babeltrace - stable 2.0
1221	Babeltrace	Bug	New	Normal	Babeltrace 2 sometimes fail on live trace with lttng-clear feature		Babeltrace - stable 2.0
1047	Babeltrace	Bug	Invalid	Normal	babeltrace error reading trace on a NFS filesystem		
649	Babeltrace	Feature	Invalid	Normal	Babeltrace is limited by the OS max number of open files		
700	Babeltrace	Bug	Invalid	Low	Babeltrace is probably not able to read packets larger than available memory		
1376	Babeltrace	Bug	Resolved	Normal	Babeltrace master make install rebuilds objects		Babeltrace - 2.1
668	Babeltrace	Bug	Resolved	Normal	babeltrace mixes up packet size and content size when only one of those is missing		
745	LTTng-UST	Bug	Resolved	Critical	base address dump triggers deadlocks	Mathieu Desnoyers	2.6
786	Userspace RCU	Bug	Resolved	High	call_rcu threads should clear their PAUSED flag when they unpause	Mathieu Desnoyers	
498	LTTng-UST	Bug	Resolved	Critical	Can not successfully launch instrumented app (that are compiled with lttng 2.1) when latest lttng (origin/master) is loaded and a session is active		2.2
691	LTTng-UST	Bug	Resolved	Normal	Cast from pointer to different integer size warning in ust-tracepoint-event.h	Mathieu Desnoyers	2.4
1256	LTTng-tools	Bug	New	Low	Check babeltrace1 stderr output in tests		
101	LTTng-tools	Bug	Resolved	Low	comapt-freebsd branch: make -j10 fails	David Goulet	2.1 pre
1288	LTTng	Feature	New	Low	Combine all per-cpu shm areas for a channel into a single file		

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311	LTTng-UST	Bug	Resolved	High	Compatibility issue between libltng-ust stable-2.0 and master	Mathieu Desnoyers	2.1 pre
353	LTTng-UST	Bug	Resolved	Normal	content_size and packet_size fields limit to 256MB sub-buffers	Mathieu Desnoyers	2.1 stable
354	LTTng-modules	Bug	Resolved	Normal	content_size and packet_size fields limit to 256MB sub-buffers	Mathieu Desnoyers	2.1 stable
784	LTTng-modules	Bug	Resolved	Normal	crash dump support: incorrect argument on commit	Mathieu Desnoyers	2.4
785	LTTng-UST	Bug	Resolved	Normal	crash dump support: incorrect argument on commit	Mathieu Desnoyers	
738	LTTng-tools	Bug	Resolved	High	create --live needs sane defaults.	David Goulet	2.4
695	LTTng-UST	Bug	Resolved	Critical	deadlock with baddr and JUL tracing		2.4
524	LTTng-tools	Bug	Resolved	Normal	Decide an appropriate subbuffer size for per-uid UST buffers		2.2
522	LTTng-tools	Bug	Resolved	High	default channels should not be created when a channel has been explicitly created		2.3
1306	LTTng-UST	Bug	Resolved	Normal	Detect probe providers built against old ltng-ust (.so.0) in ltng-ust .so.1	Mathieu Desnoyers	2.13
408	LTTng-tools	Bug	Resolved	Low	disable-event -u -a disables _all_ events (not just wildcards)		2.2
664	LTTng-UST	Bug	Resolved	Normal	doc/example build fails for out of tree build when no tracepoint.h is installed in system	J�r�mie Galarneau	
569	Userspace RCU	Bug	Resolved	Normal	doc/examples: build fail on Ubuntu		
568	Userspace RCU	Bug	Resolved	Normal	doc/examples: cannot build in external VPATH		
817	LTTng-tools	Bug	Resolved	Normal	documentation of save/restore		2.5
1379	LTTng-tools	Bug	New	Normal	Document behavior of live mode with per-pid UST buffers	Philippe Proulx	
1340	LTTng-tools	Bug	New	Normal	Document behavior of per-uid UST buffers with respect to asynchronously killed traced applications	Philippe Proulx	
1378	LTTng-tools	Bug	New	Normal	Document behavior of snapshot mode with per-pid UST buffers	Philippe Proulx	
667	Babeltrace	Bug	Invalid	Normal	Empty enum should pass		
516	LTTng-tools	Bug	Resolved	High	enable-event --filter error reporting is misleading	David Goulet	2.2
625	Babeltrace	Bug	Resolved	Normal	events dropped count misses events since 2.3		2.3
975	LTTng-modules	Bug	Confirmed	Normal	execve compat syscall exit syscall value issue	Mathieu Desnoyers	
1191	LTTng-tools	Bug	Invalid	Normal	extras/ subdir excluded from dist tarball on ./configure --disable-extras		
1245	LTTng-modules	Bug	Resolved	Normal	file descriptor statedump should iterate over all processes/threads, not just processes		
666	LTTng-tools	Bug	Resolved	Normal	Fix test flakiness	David Goulet	
736	LTTng-tools	Bug	Resolved	Normal	Flaky tests based on gen event running in background	David Goulet	2.4
631	LTTng-modules	Bug	Resolved	Critical	hard lockup with ltng-modules and kernel 3.10 +	Mathieu Desnoyers	
411	LTTng-tools	Bug	Resolved	Normal	health check reporting should use TLS		2.2
491	Babeltrace	Feature	Resolved	Normal	Identify line number and token in babeltrace error messages (parser)		
327	LTTng-UST	Feature	On pause	Normal	Implement missing hostname context	Michael Jeanson	
964	LTTng-modules	Feature	New	High	Implement support for persistent memory buffers	Mathieu Desnoyers	Wishlist
963	LTTng-modules	Feature	New	High	Implement user-space stack dump context	Mathieu Desnoyers	Wishlist

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965	LTTng-UST	Feature	New	High	Implement UST statedump	Mathieu Desnoyers	Wishlist
1203	LTTng-UST	Bug	New	Normal	Improve documentation of lttng-ust with daemons	Philippe Proulx	
446	LTTng-UST	Feature	New	Normal	Improve process startup time with many events		
987	LTTng-tools	Bug	Confirmed	Normal	Incomplete string comparison pattern	J�r�mie Galarneau	2.9
777	LTTng-tools	Bug	Resolved	Normal	incorrect printf format	David Goulet	2.4
1368	Userspace RCU	Feature	New	Normal	Integrate RCU implementation from libside into liburcu		
360	Babeltrace	Bug	Resolved	Normal	intermediate representation is leaking	Julien Desfossez	Babeltrace 1.0
1341	LTTng-tools	Feature	New	Normal	Introduce "--shm-path-ust" to clarify use vs documentation	Olivier Dion	
1280	LTTng-modules	Bug	Resolved	Normal	_IOR should be _IOW for a few commands in lttng-modules ABI		
732	LTTng-UST	Bug	Resolved	Normal	JUL lttng agent does not connect to both root and per-user session daemons	David Goulet	2.4
493	LTTng-UST	Bug	Resolved	Normal	liblttng-ust-ctl .so version major should be bumped for 2.2	Mathieu Desnoyers	2.2
863	LTTng-tools	Bug	Resolved	Normal	Live tracing does not honor live timer after first tracefile with tracefile rotation	Mathieu Desnoyers	
515	LTTng-tools	Bug	Invalid	Normal	lttng_consumer_cleanup has no caller		
49	LTTng-tools	Bug	Invalid	Normal	lttng destroy: sendmsg: Bad file descriptor	David Goulet	2.0 stable
772	LTTng-UST	Bug	Resolved	High	LTTng JUL Agent should clear state when sessiond disconnects	David Goulet	2.4
773	LTTng-tools	Bug	Resolved	High	LTTng JUL JNI handler does not distinguish between sessions	David Goulet	2.4
1009	Babeltrace	Bug	Invalid	Low	lttng-live plugin does not honor the --output argument		
818	LTTng-tools	Bug	Resolved	Normal	lttng load does not set current session		2.5
622	LTTng-modules	Bug	Resolved	Normal	lttng-modules 2.3-rc triggers kernel OOPS (null pointer)	Mathieu Desnoyers	2.3
968	LTTng	Feature	Feedback	High	lttng-modules kernel and user callstack context	Mathieu Desnoyers	
1313	LTTng-tools	Bug	Resolved	Normal	lttng-modules warnings and test hang in tools/clear/test_kernel		
746	LTTng-tools	Bug	Resolved	High	lttng-relayd should listen to 127.0.0.1 rather than 0.0.0.0 by default	David Goulet	2.4
1117	LTTng-tools	Bug	New	Normal	lttng-relayd should use specific major.minor versions for relay-consumer and relay-viewer protocols		
316	LTTng-tools	Bug	Resolved	Normal	lttng-sessiond and lttng-relayd file descriptor leak upon error		2.1 stable
582	LTTng-tools	Bug	Resolved	Critical	lttng-sessiond asserts on multi-channel UST for pid-uid channels		
560	LTTng-tools	Bug	Resolved	High	lttng-sessiond asserts on stress-test load	David Goulet	
878	LTTng-tools	Bug	Resolved	Normal	lttng-sessiond cannot unload lttng-modules when live session exists	Jonathan Rajotte Julien	2.7
844	LTTng-tools	Bug	Resolved	Normal	lttng-sessiond error on syscall list when unable to load kernel tracer	David Goulet	
234	LTTng-tools	Bug	Invalid	High	lttng-sessiond from master branch fails with lttng-ust	David Goulet	
1115	LTTng-tools	Bug	New	Normal	LTTng sessiond should accept different agent minor version number		
1035	LTTng-UST	Bug	Resolved	Normal	lttng-ust 2.8 does not dump base address of lib dependencies of dlopen'd libs	Mathieu Desnoyers	2.8

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1183	LTTng	Bug	Resolved	Normal	LTTng-UST and modules ring buffers timestamp_end value may not include last events in the packet (LTTng 2.2+)	Mathieu Desnoyers	2.9
252	LTTng-UST	Bug	Resolved	Normal	ltnng-ust does not override daemon() glibc call		2.1 pre
1089	LTTng-UST	Bug	Resolved	Normal	ltnng-ust examples build fail when invoking make more than once	Michael Jeanson	2.9
253	LTTng-UST	Bug	Resolved	Normal	ltnng-ust file descriptors can be closed by "misbehaving" daemon apps		
9	LTTng-UST	Bug	Resolved	Low	LTTng-UST java jni wrapper does not build with OpenJDK	Mathieu Desnoyers	
867	LTTng-UST	Bug	Resolved	Normal	LTTng-UST mishandles context alignment	Mathieu Desnoyers	
729	LTTng-tools	Bug	Resolved	High	ltnng-ust vs modules timestamp correlation is sensitive to load at trace start	Mathieu Desnoyers	
537	LTTng-UST	Bug	Resolved	High	make CFLAGS=-g breaks examples build	J�r�mie Galarneau	2.2
613	LTTng-tools	Bug	Resolved	Normal	make check fails in VPATH build		2.2
331	LTTng-UST	Bug	Resolved	Normal	make dist issue with java tracing lib		2.1 stable
833	LTTng-tools	Bug	Confirmed	Normal	memcpy of non-packed struct into packed struct (possible layout mismatch)		2.14
966	LTTng	Feature	Resolved	High	Merge Java early filtering feature	Mathieu Desnoyers	2.8
682	Babeltrace	Bug	Invalid	Normal	metadata parser should fail if variant tag refers to a floating point or string		
685	Babeltrace	Bug	Resolved	Normal	metadata parser should fail (not letting stream parser loop indefinitely) when encountering a 0-byte event		
675	Babeltrace	Bug	Invalid	Normal	metadata parser should fail on 0 alignment		
671	Babeltrace	Bug	Invalid	Normal	metadata parser should fail on sequence size using string		
672	Babeltrace	Bug	Invalid	Normal	metadata parser should fail on sequence size using type		
669	Babeltrace	Bug	Invalid	Normal	metadata parser should fail on unknown sequence size identifier		
670	Babeltrace	Bug	Invalid	Normal	metadata parser should fail on unknown sequence size using reserved keyword		
677	Babeltrace	Bug	Invalid	Normal	metadata parser should fail when a structure contains itself		
676	Babeltrace	Bug	Invalid	Normal	metadata parser should fail when a yet undefined structure is used		
678	Babeltrace	Bug	Invalid	Normal	metadata parser should fail when integer size is 0		
679	Babeltrace	Bug	Invalid	Normal	metadata parser should fail when signed attribute is a string		
681	Babeltrace	Bug	Invalid	Normal	metadata parser should fail when variant refers to enum with non-matching string entries		
674	Babeltrace	Bug	Invalid	Normal	metadata parser should (probably) fail on huge alignment, and should fail on non-power of 2 alignments		
680	Babeltrace	Bug	Invalid	Normal	metadata parser should (probably) fail when a variant has missing selector		
673	Babeltrace	Bug	Invalid	Normal	metadata parser should validate enum range		
352	LTTng-tools	Bug	Resolved	High	metadata partly missing with large subbuffers and stress-test		2.1 stable
288	Userspace RCU	Bug	Resolved	Normal	missing config/ax_tls.m4 link-time __thread tests	Mathieu Desnoyers	
1116	LTTng-tools	Bug	New	Normal	MI XSD minor version should have been bumped once or twice (?) between tools 2.8 and 2.10		

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805	LTTng-UST	Bug	Resolved	Normal	Multiple providers within same C file don't work as expected	Mathieu Desnoyers	
740	LTTng-tools	Bug	Resolved	Normal	multiple sessiond in the system triggers bind error (unclear to user)	David Goulet	2.4
82	Babeltrace	Bug	Resolved	Normal	Need to generically print tracer version info in verbose mode	Mathieu Desnoyers	2.0 RC1
80	LTTng-UST	Bug	Resolved	Normal	Need to standardize versioning across toolchain	Mathieu Desnoyers	2.0 RC1
79	LTTng-tools	Bug	Resolved	Normal	Need to standardize versioning across toolchain	Mathieu Desnoyers	2.0 RC1
81	LTTng-modules	Bug	Resolved	Normal	Need to standardize versioning across toolchain	Mathieu Desnoyers	2.0 RC1
1061	LTTng-modules	Feature	New	Normal	New btrfs events should be added to lttng-modules instrumentation		
1292	LTTng-tools	Bug	Resolved	Normal	new lttng_pgrep utils.sh test helper introduces errors in normal test output		
525	LTTng-UST	Bug	Confirmed	Low	new "notifications" from UST do not strictly respect LTTNG_UST_REGISTER_TIMEOUT		
1264	LTTng-modules	Feature	New	Low	NOHZ support for lib ring buffer		
699	Babeltrace	Bug	Resolved	Normal	out of bound aligned event with aligned struct		
703	LTTng-UST	Bug	Resolved	Normal	out of tree build fails for examples	Jérémie Galarneau	
704	Userspace RCU	Bug	Resolved	Normal	out of tree build fails for examples	Jérémie Galarneau	
355	LTTng-tools	Bug	Resolved	High	PERROR: sendmsg: Socket operation on non-socket	David Goulet	2.1 stable
412	Userspace RCU	Bug	Resolved	Normal	Programs using call_rcu, then fork without following exec, may hang		
64	Babeltrace	Bug	Resolved	High	Properly separate libctf and libbabeltrace	Julien Desfossez	2.0 RC1
11	LTTng-UST	Bug	Resolved	Normal	Python sometimes registers to sessiond as lttng-ust application	Mathieu Desnoyers	
781	LTTng-modules	Bug	Resolved	High	Racy string input from userspace can yield to unreadable traces	Mathieu Desnoyers	2.4
787	Userspace RCU	Bug	Resolved	High	rcu_barrier(): uninitialized futex field	Mathieu Desnoyers	
387	LTTng-tools	Bug	Resolved	Low	README should document that bash is needed to run make check		
1263	LTTng-modules	Feature	New	Low	Re-integrate sample modules from libringbuffer into lttng-modules		
1182	LTTng-tools	Bug	New	Normal	relayd mishandles channels configured with tracefile-count == 0 and tracefile-size != 0		2.9
58	LTTng-UST	Bug	Won't fix	High	sched_getcpu triggers a system call on glibc older than 2.14	Mathieu Desnoyers	2.0 stable
819	LTTng-tools	Bug	Resolved	Normal	session "auto load" is not documented in manpage ?	David Goulet	2.5
1286	LTTng-UST	Bug	Resolved	High	session daemon should validate credentials received from application (lttng-ust)	Mathieu Desnoyers	
89	LTTng-tools	Bug	Resolved	High	sessiond does not handle channel creation errors for UST	David Goulet	2.0 stable
665	LTTng-UST	Bug	Resolved	Normal	Should skip lttng-gen-tp example build if python is missing	Jérémie Galarneau	2.4
1382	Babeltrace	Bug	Resolved	Normal	stable-2.0 branch fails to build	Jérémie Galarneau	Babeltrace - stable 2.0
482	LTTng-UST	Bug	Resolved	Normal	stable-2.1 make check fails on UST - Wildcard overlap tests	Mathieu Desnoyers	2.1 stable
684	Babeltrace	Bug	Resolved	Normal	stream parser should fail when a string crosses a packet boundary		
686	Babeltrace	Bug	Resolved	Normal	stream parser should have a clearer error message when encountering cross-packet fields		
683	Babeltrace	Bug	Resolved	Normal	stream parser should see only one packet with multi-packet trace missing packet size		

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447	LTTng-UST	Feature	New	Normal	Support dlopen/dlclose of probe providers		
939	LTTng-tools	Bug	Resolved	Normal	Test lttng-modules clock plugin	Mathieu Desnoyers	2.8
1270	LTTng-tools	Bug	Resolved	Normal	testsuite should use babeltrace2 binary if found		
1271	LTTng-tools	Bug	Resolved	Normal	testsuite should use bt2 python imports		
1311	Userspace RCU	Bug	Invalid	Normal	test_urcu hang in CI armhf		
1383	LTTng-tools	Bug	New	Normal	The "cpu_id" context (available for filters) is not discoverable by end users		
10	LTTng-UST	Bug	Resolved	Critical	tor instrumentation only works partly	Mathieu Desnoyers	
1069	LTTng-UST	Bug	Resolved	Normal	TRACELOG_LOGLEVEL not observed when using g++	Mathieu Desnoyers	
1265	LTTng-modules	Feature	New	Low	Turn lttng-probes.c probe_list into a hash table		
535	LTTng-tools	Bug	Resolved	Normal	update lttng.1 and lttng-sessiond.8 manpage version	David Goulet	2.2
565	Userspace RCU	Bug	Resolved	Normal	urcu examples don't build on freebsd 9	J�r�mie Galarneau	
941	Userspace RCU	Feature	New	Normal	URCU flavor which can be used across processes using shared memory		Wishlist
1287	LTTng-tools	Feature	New	Low	Use abstract sockets for lttng-consumerd UST shared memory files	Olivier Dion	
788	Userspace RCU	Bug	Resolved	Normal	Use after free in rcu_barrier()	Mathieu Desnoyers	
820	LTTng-tools	Bug	Resolved	Normal	Use of /var/run weird for saving sessions ?	David Goulet	2.5
1197	LTTng-tools	Feature	New	Low	Use renameat2() to atomically exchange metadata on metadata regenerate		
877	LTTng-UST	Bug	Resolved	Normal	Use secure_getenv (or equivalent) when getting env. vars. involving paths	Mathieu Desnoyers	2.5
502	LTTng-UST	Bug	Resolved	High	UST compatibility issue: 2.1 probe provider with 2.0 liblttng-ust may access beyond structure allocation size	Mathieu Desnoyers	2.2
1284	LTTng	Bug	Resolved	Normal	UST consumer daemon should handle SIGBUS	Mathieu Desnoyers	
465	LTTng-tools	Bug	Resolved	High	UST enable channel not working as expected with respect to already running apps	David Goulet	2.2
861	LTTng-tools	Bug	Resolved	Critical	UST subbuffers silently dropped on moderate trace traffic	Mathieu Desnoyers	2.4
1192	LTTng	Bug	New	Normal	Web documentation improvement: describe use of CREATE_TRACE_POINTS for lttng-ust instrumentation		
1045	Babeltrace	Feature	New	Normal	Wire up debug info on lttng_ust_cyg_profile event fields		
940	Userspace RCU	Feature	New	Normal	Wire up sys_membarrier on each architecture	Mathieu Desnoyers	