The not-so-quick list of compatible LTTV and LTTng versions :
(please scroll to the bottom to see the latest versions)

LTTV	LTTng	LTT Control	LTTng modules	LTTng userspace tracer / markers-userspace	Genevent	Trace Major.Minor	Kernels-architectures	Comments	Kernel Regression ok	Regression fails/not tested
0.6.9	0.4.4		0.3		0.2	0.4	2.6.12-rc4-mm2-i386 (tarball) 2.6.12-rc4-i386 (git) 2.6.9-i386 (contribution) 2.6.9-x86_64 (contribution)			
0.7.0	0.4.5		0.3		0.2	0.5	2.6.12-rc4-i386 (git)	Traces can now be written/read between 32 and 64 bits arch.		
0.8.0	0.5.0		0.3		0.3	0.6	2.6.12-rc4-i386 (git) 2.6.12-i386 (git) 2.6.13-i386 (git)			
0.8.0	0.5.0		0.4		0.3	0.6	2.6.14-i386 (git)			
0.8.0	0.5.0a		0.4		0.3	0.6	2.6.14-i386 (tarball)			
0.8.1 0.8.2 0.8.3 0.8.4	0.5.1		0.4		0.4	0.6	2.6.14-i386 (git) 2.6.14-i386 (tarball) 2.6.15-i386 (git) 2.6.15-i386 (tarball)	Per architecture syscall enumeration		
0.8.1 0.8.2 0.8.3 0.8.4	0.5.3 0.5.4 0.5.5		0.4		0.4 0.5	0.6	2.6.15-i386 (git) 2.6.15-i386 (tarball)	APIC NMI watchdog can now be logged		
0.8.5	0.5.6		0.4		0.6	0.6	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Custom write function in genevent (for process stack dump) Use atomic_cmpxchg()		
0.8.6 0.8.7 0.8.8 0.8.9	0.5.7 0.5.8 0.5.9a 0.5.10 0.5.11 0.5.13 0.5.16		0.4		0.6 0.7 0.8	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Support for architectures without TSC. LTTV 0.8.7/genevent 0.7 fixes a bug in enum XML parsing.		
0.8.10 0.8.11 0.8.12	0.5.17		0.4		0.8	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Multithreaded lttd. Stack dump fix. LTTV 0.8.12 fixes timing problem in tracecontrol module.		

0.8.13 0.8.14 0.8.15 0.8.16 0.8.17	0.5.18a 0.5.19		0.5 0.6 0.7		0.8 0.9	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Kernel State Dump : get vmaps, process names, fd at the beginning of a trace.		
0.8.18 0.8.19 0.8.20 0.8.21 0.8.22 0.8.23 0.8.24 0.8.25	0.5.20 0.5.20a 0.5.22 0.5.23 0.5.24 0.5.25 0.5.27 0.5.28		0.6 0.7 0.8		0.10 0.11 0.12	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Add kernel stack dump instrumentation and facility. LTTV 0.8.21+genevent 0.11 : add support for network byte order data with the " network " tag in the XML file. LTTng 0.5.27+LTTV 0.8.24 introduces the heartbeat timer. LTTng 0.5.28 introduces the synthetic 64 bits TSC for archs with 32 bits TSC.		
0.8.26	0.5.29 0.5.29a		0.8	0.1	0.13	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Add user space tracing through system call.		
0.8.27	0.5.29 0.5.29a 0.5.30		0.8 0.9	0.2 0.3 0.4	0.14	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Add function instrumentation tracing (gcc -finstrument-functions)		
0.8.28	0.5.33 0.5.34		0.10	0.5	0.15 0.16	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Fast "Usertrace" Bugfixes. Network ip interfaces state.		
0.8.29 0.8.30	0.5.33 0.5.34		0.10	0.6	0.17	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	XML facilities description format changed. Now XML 1.0 : breaks compatibility with old XML files. LTTV 0.8.30 changes the statistics tree structure. It adds user functions statistics support.		
0.8.31 0.8.32 0.8.33 0.8.34	0.5.34 0.5.36	0.1	0.10 0.11	0.6	0.17	0.7	2.6.15-i386 (git) 2.6.15-i386 (tarball)	Separate the viewer from the tracing controller (userful for embedded tracing).		
0.8.34 0.8.35	0.5.37 0.5.38 0.5.39 0.5.40 0.5.41	0.1 0.2	0.12	0.7 0.8	0.17 0.18	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Kernel 2.6.16 support. LTTng 0.5.38 : Fix deadlock scenario involving deliver from an NMI handler. LTTng 0.5.40/ltt-usertrace 0.8 : Fix off-by-one which pushes the reader with small subbuffers (only in buffer full condition) genevent 0.18 fixes missing nested subtypes align/write functions.		
0.8.34 0.8.35	0.5.42 0.5.43	0.3 0.4	0.13 0.14	0.7 0.8	0.17 0.18	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Improvements in ltt-statedump process state. LTTng 0.5.43 : Add ARM IRQ statedump.		
0.8.34	0.5.44	0.5	0.13	0.7	0.17	0.7	2.6.16-i386	Add IRQ		

0.8.35 0.8.36	0.5.45		0.14 0.15	0.8	0.18		(git) 2.6.16-i386 (tarball)	enable/disable/save/restore instrumentation under locking.xml. Various architecture specific fixes. LTTV : Add process names to textDump.		
0.8.37 0.8.38 0.8.39 0.8.40	0.5.46	0.6	0.15	0.8	0.18	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Add C2 Microsystems support in LTTV and ltt-control. Include fixes to instrumentation of MIPS and PPC from Yuri Frolov. Fix state dump states in LTTV. Fix interrupt and diskperformance views.		
0.8.37 0.8.38 0.8.39 0.8.40	0.5.47a	0.6	obsolete	0.8	0.18	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Merge ltt-modules into the kernel tree.		
0.8.41 0.8.42 0.8.43 0.8.44	0.5.48 0.5.49 0.5.51 0.5.52 0.5.52a 0.5.52b 0.5.52c 0.5.55 0.5.56 0.5.57	0.6 0.7	obsolete	0.8 0.9 0.10	0.19 0.20 0.21	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Fix LTTV for PowerPC. Integrate some fixes useful for other architectures. Basic PowerPC tracing (incomplete instrumentation). LTTng 0.5.51, 0.5.52, genevent 0.20 : code indentation fix. LTTV 0.4.42, LTTng 0.5.55, LTT control 0.7, genevent 0.21 : PowerPC 32 and 64 bits support. LTTng 0.5.56 : MIPS time frequency fix. LTTng 0.5.57 : add 32 bits compat execve tracing (for 64 bits architectures). LTTV 0.8.43 : fix trace start time, 0.8.44 : interrupt view fixes. ltt-usertrace : add a java tracing example.		
0.8.45 0.8.46 0.8.47	0.5.58 0.5.59 0.5.60 0.5.61 0.5.62 0.5.63 0.5.64 0.5.65 0.5.66 0.5.68a 0.5.69	0.8 0.9 0.10	obsolete	0.8 0.9 0.10 0.11 0.12	0.19 0.20 0.21 0.22	0.7	2.6.16-i386 (git) 2.6.16-i386 (tarball)	Add support for fs_data facility : get the first 32 bytes of data in read and write system calls. LTTng 0.5.59 : Fix usertrace facility registration : fork vs exec. LTTV 0.8.46 : fix end of process in state.c. LTTng 0.5.65 : Fix ltt-heartbeat. LTTng 0.5.69 : Fix ltt-usertrace blocking mode : causes OOPS on trace stop.		
0.8.45 0.8.46 0.8.47	0.5.70 0.5.71	0.11	obsolete	0.13	0.19 0.20 0.21	0.7	2.6.17 (git) 2.6.17 (tarball)	LTTng 0.5.71 : Fix a bug with ltt-usertrace blocking mode.		

					0.22					
0.8.48	0.5.72a 0.5.72b	0.12	obsolete	0.13	0.19 0.20 0.21 0.22	0.7	2.6.17 (git) 2.6.17 (tarball)	Add TGID. Merge Tim Bird fixes for compiling LTTV out of tree.		
0.8.49	0.5.73 0.5.74	0.13	obsolete	0.14 0.15	0.23	0.7	2.6.17 (git) 2.6.17 (tarball)	Add x86_64 support (Martin Bisson for Autodesk). Make LTTV control flow lines thicker (Tim Bird).		
0.8.49 0.8.50 0.8.51 0.8.52 0.8.53	0.5.75 0.5.75a 0.5.76 0.5.78	0.13	obsolete	0.14 0.15	0.24	0.7	2.6.17 (git) 2.6.17 (tarball)	Integrate transport abstraction from Richard Purdie. LTTV 0.8.52 : Add "stop" event handling to detailed event list (gui).		
0.8.49 0.8.50 0.8.51 0.8.52 0.8.53	0.5.79	0.14 0.15 0.16 0.17	obsolete	0.14 0.15	0.24	0.7	2.6.17 (git) 2.6.17 (tarball)	Separate the transport mechanism from the tracing (Richard Purdie).		
0.8.49 0.8.50 0.8.51 0.8.52 0.8.53 0.8.54 0.8.55 0.8.56 0.8.57 0.8.59	0.5.80 0.5.81 0.5.82 0.5.83 0.5.86 0.5.87 0.5.88 0.5.89 0.5.90 0.5.91 0.5.92 0.5.94 0.5.95 0.5.96 0.5.98 0.5.99 0.5.100 0.5.103	0.14 0.15 0.16 0.17 0.18	obsolete	0.15 0.16 0.17 0.18	0.24 0.25 0.26 0.27	0.7	2.6.17 (git) 2.6.17 (tarball)	Fix syscall enum on x86_64. Fix types in ltt-core.h. ltt-usertrace 0.16 makes headers completely kernel independant, which is sane. genevent 0.25, ltt-usertrace 0.18 and lttng 0.5.83 add support for g++. LTTV 0.8.55 fixes stats accounting for PID 0 at beginning of trace. LTTng 0.5.87 fixes x86 kernel and process stack dump and adds nice menu options for it. LTTV 0.8.57 fixes a bug recently introduced in event list scroll/page/move up. LTTng 0.5.88 fixes an important bug, present in all LTTng versions, which makes it discard silently every event nested on an already executing probe. genevent 0.27 and ltt-usertrace 0.18 fix a problem with alignment of the userspace printf event. LTTng 0.5.101 Adds sysenter/sysexit instrumentation. It also fixes i386 stack dump.		
0.8.49 0.8.50 0.8.51 0.8.52 0.8.53 0.8.54 0.8.55 0.8.56 0.8.57 0.8.59	0.5.104	0.19	obsolete	0.15 0.16 0.17 0.18	0.24 0.25 0.26 0.27	0.7	2.6.17 (git) 2.6.17 (tarball)	High, medium and low event rate channel size and number of subbuffers. Default : high 1MB, medium 256KB, low 64KB.		

0.8.49 0.8.50 0.8.51 0.8.52 0.8.53 0.8.54 0.8.55 0.8.56 0.8.57 0.8.59	0.5.105	0.20	obsolete	0.15 0.16 0.17 0.18	0.24 0.25 0.26 0.27	0.7	2.6.17 (git) 2.6.17 (tarball)	Add hybrid mode : High event rate channels are in flight recorder mode, low/medium rate channels in normal tracing mode.		
0.8.60	0.5.106 0.5.107	0.21	obsolete	0.19	0.28	0.7	2.6.17 (git) 2.6.17 (tarball)	Send statedump events to medium rate channels, thread branding is now "high_priority" : saved to the processes channel. LTTng 0.5.107 : fixes a potential oops when freeing the trace structure (use kref now).		
0.8.61 0.8.62	0.5.111 0.5.112 0.5.113	0.22 0.23 0.24	obsolete	0.19	0.28	0.7	2.6.17 (git) 2.6.17 (tarball)	Now use Relay+DebugFS. Add printk instrumentation.		
0.8.61 0.8.62	0.5.112	0.23	obsolete	0.19	0.28	0.7	2.6.17 (git) 2.6.17 (tarball)	Add printk instrumentation.		
0.8.61 0.8.62	0.5.113	0.24	obsolete	0.19	0.28	0.7	2.6.17 (git) 2.6.17 (tarball)	Add printk_locate instrumentation.		
0.8.61 0.8.62	0.6.0preX	0.24	obsolete	0.19	SVN head	0.7	2.6.17 (git) 2.6.17 (tarball)	Marker+Probe mechanism.		
0.8.61 0.8.62	0.6.0	0.25	obsolete	0.19	0.29	0.7	2.6.17 (git) 2.6.17 (tarball)	LTTng 0.6.0 with markers and probes.		
0.8.61 0.8.62	0.6.2	0.26	obsolete	0.20	0.29	0.7	2.6.18 (git) 2.6.18 (tarball)	2.6.18 kernel.		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70	0.6.3 0.6.4 0.6.5 0.6.6 0.6.7 0.6.8 0.6.9 0.6.10 0.6.11 0.6.13 0.6.14 0.6.15 0.6.16 0.6.17 0.6.18 0.6.19 0.6.20 0.6.21 0.6.22 0.6.23 0.6.24 0.6.25 0.6.26 0.6.27	0.27 0.28 0.29	obsolete	0.20 0.21	0.29 0.30	0.7	2.6.18 (git) 2.6.18 (tarball)	Locking, hardirq and softirq instrumentation. Coding style fixes. Round to count order for subbuffer size and number of subbuffers. Fix ltt-statedump with unnamed irq chips. LTTng 0.6.18 fixes an important bug in LTT statedump (semaphore on the stack). LTTng 0.6.23 implements optimisez per-cpu atomic operations for non shared variables. It provides cheap NMI protection.		
0.8.61	0.6.28	0.30	obsolete	0.20	0.29	0.7	2.6.18 (git)	Syscall facilities update for		

0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72	0.6.29 0.6.30 0.6.31 0.6.32			0.21	0.30		2.6.18 (tarball)	2.6.18. 0.8.29 fixes a typo in asm-generic/atomic-up.h.		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72	0.6.35 0.6.36 0.6.36a 0.6.37 0.6.38 0.6.39 0.6.40 0.6.41	0.30	obsolete	0.20 0.21	0.31	0.7	2.6.18 (git) 2.6.18 (tarball)	Add CPU hotplug support (hotplug events in Relay and inotify support in debugfs and lttd).		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72 0.8.73 0.8.74 0.8.75 0.8.76 0.8.77 0.8.78 0.8.79	0.6.42 0.6.42a 0.6.43 0.6.44 0.6.45 0.6.46 0.6.47 0.6.48	0.32	obsolete	0.22	0.31	0.7	2.6.19 (git) 2.6.19 (tarball)	2.6.19 support. LTTV 0.8.73 has important statistics fixes. LTTV 0.8.76 adds TASK_DEAD support, new task state from 2.6.19.		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72 0.8.73 0.8.74 0.8.75 0.8.76 0.8.77 0.8.78 0.8.79	0.6.51 0.6.52	0.33	obsolete	0.22	0.31	0.7	2.6.20-rc1-git7 (git) 2.6.20-rc1-git7 (tarball)	2.6.20-rc1-git7 support. LTTng 0.6.52 fixes the ltt-heartbeat synthetic TSC with cpu hotplug. LTTng 0.6.52 marks ltt-heartbeat pediodic events as EXPERIMENTAL, as it is problematic with cpu hotplug and trace stop/restart sequence.		
0.8.61 0.8.62 0.8.63	0.6.53 0.6.54 0.6.55	0.34	obsolete	0.23	0.31 0.32	0.7	2.6.20-rc4-git3 (git) 2.6.20-rc4-	2.6.20-rc4-git3 support. Change marker format to %p[type], %u[extended type],		

0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72 0.8.73 0.8.74 0.8.75 0.8.76 0.8.77 0.8.78 0.8.79	0.6.55a 0.6.56 0.6.58						git3 (tarball)	i.e. : %p[struct task_struct], %u[__be]. LTTng 0.6.56 and genevent 0.32 changes the preempt_enable_no_resched() calls for a preempt_enable() call. LTTng 0.6.58 fixes markers for i386 : optimized version correctly does XMC following Pentium III erratum 49.		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72 0.8.73 0.8.74 0.8.75 0.8.76 0.8.77 0.8.78 0.8.79	0.6.59 0.6.60 0.6.61	0.34	obsolete	0.23	0.31 0.32	0.7	2.6.20-rc5-git4 (git) 2.6.20-rc5-git4 (tarball)	2.6.20-rc5-git4 support. Use cpuid instruction in pIII XMC.		
0.8.61 0.8.62 0.8.63 0.8.64 0.8.65 0.8.66 0.8.67 0.8.68 0.8.69 0.8.70 0.8.71 0.8.72 0.8.73 0.8.74 0.8.75 0.8.76 0.8.77 0.8.78 0.8.79	0.6.62 0.6.63 0.6.64 0.6.68 0.6.69 0.6.70 0.6.71 0.6.72 0.6.73 0.6.74 0.6.75 0.6.76 0.6.77	0.34 0.35	obsolete	0.23 0.24 0.25 0.26 0.27	0.31 0.32	0.7	2.6.20-rc6 ARM, MIPS32/64, powerpc32, powerpc64, ppc, i386, x86_64 2.6.20 ARM, MIPS32/64, powerpc32, powerpc64, ppc, i386, x86_64	2.6.20-rc6 support. Use my own infrastructure to support intel pIII xmc instead of using kprobes. ltt-usertrace 0.25 fixes signal reentrancy in ltt-usertrace-fast. LTTng 0.6.64 adds 2.6.20 support. LTTng 0.6.68 fixes regression for MIPS, ARM, powerpc64. LTTng 0.6.69 fixes menus, regression for i686 ok, fixes an upstream bug for sparc64. LTTng 0.6.70 fixes regression for m68k. LTTng 0.6.71 fixes regression for ppc 405 and sparc (fixing alignment of .markers.c section). LTTng 0.6.71 fixes upstream error in ppc/powerpc. LTTng 0.6.72 fixes corrects .markers.c section declaration : fixes regression on sparc. LTTng 0.6.72 fixes regression on alpha. ltt-usertrace 0.27 fixes a signal race.	ARM, mips, mipsel, powerpc64, i386, sparc64, m68k, ia64, s390, sparc, alpha.	arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa.

								LTTng 0.6.77 puts all process events in medium rate process channel. ltt-control 0.35 adds the Xen facility. Matches LTTng for xen-unstable up to changeset: 14390.		
0.8.80 0.8.81	0.6.78 0.6.80	0.36	obsolete	0.28	0.33	0.8	2.6.20 ARM, MIPS32/64, powerpc32, powerpc64, ppc, i386, x86_64	Add compact channel. Fix start of trace get full timestamp. Caused problems with time gap between trace create/start and 32 bits (or less) TSC in events. Ok for xen-unstable changeset starting at 14391. Adds TSC testing in kernel. Adds monotonic logical clock based on highest TSC count for x86 and x86_64 with async TSCs. Fix missing compat_fs_exec event : rename to fs_exec.		ARM, mips, mipsel, powerpc64, i386, sparc64, m68k, ia64, s390, sparc, alpha. arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa.
0.8.82	0.9.0	0.37	obsolete	0.29	0.34	0.8	2.6.20 ARM, MIPS32/64, powerpc32, powerpc64, ppc, i386, x86_64	Introduces the LTT serialization library. Cuts the kernel patch size from 2M to 500k. Deprecates genevent for kernel instrumentation, but keeps backward compatibility with genevent generated code (still used for user space tracing). Slightly longer execution time at instrumentation site (270ns vs 200ns for 4 bytes write on P4 3GHz), but the global advantage of using less memory, and therefore less cache, should overweight this cost in cycles. Note : In this version, the ltt-probe-* kernel modules and the XML definitions must be kept in sync by hand, otherwise, LTTV will detect a size mismatch between the kernel trace and the expected event size..	arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa.
0.8.82	0.9.1 0.9.2 0.9.3 0.9.4 0.9.5 0.9.6	0.38 0.39 0.40 0.43	obsolete	0.30 0.31 0.32	0.34	0.8	2.6.21-rc6-mm1 2.6.21 2.6.21-mm2 ARM, MIPS32/64, powerpc32, powerpc64, ppc, i386, x86_64 2.6.22-rc2-mm1	Ported to Andrew Morton's tree. LTTng 0.9.3 and ltt-usertrace 0.32 fixes a syscall parameter size mismatch between 64 bits kernel and 32 bits user-space processes for user-space tracing. LTTng 0.9.5 adds support for kernel 2.6.21. LTTng 0.9.6 supports kernel 2.6.21-mm2.		alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

0.8.83 0.8.84	0.9.7 0.9.8 0.9.9 0.9.10	0.41 0.42 0.43	obsolete	0.33	0.35	0.8	2.6.22-rc2-mm1 2.6.22-rc4-mm2	LTTng 0.9.7 supports kernel 2.6.22-rc2-mm1. automake updates in LTTV and ltt-control. format="" format strings support for XML descriptions. LTTng 0.9.9 adds support for kernel 2.6.22-rc4-mm2. LTTng 0.9.10 fixes a bug in i386 optimized immediate values. ltt-control 0.43 fixes a bug with LTTng lseek event.		alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.8.83	0.9.10	0.41 0.42 0.43 0.44	obsolete	Not available (syscall IDs not updated)	obsolete	0.8	2.6.22.1-rt4	LTTng 0.9.10 port to 2.6.22.1-rt4. LTT control 0.44 fixes facilities makefile.	Tested on x86_32.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre1	0.10.0-pre5 0.10.0-pre6 0.10.0-pre7 0.10.0-pre8 0.10.0-pre9 0.10.0-pre10 0.10.0-pre11 0.10.0-pre12 0.10.0-pre13 0.10.0-pre14 0.10.0-pre15 0.10.0-pre16	0.45	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.23-mm1 2.6.23.1 2.6.24-rc1-git11 2.6.24-rc1-git13	Simplified trace_mark(). Remove XML. Per marker activation through /proc/ltt. Crash dump trace extraction. LTTV --edebug for raw binary even debugging, hexedit style. LTTng is now mostly arch-agnostic, using a non precise logical clock fallback. LTTng 0.10.0-pre6 is a compile fix. LTTng 0.10.0-pre7 adds the upstream 2.6.23.1 sata_mv fix. LTTng 0.10.0-pre7-port to 2.6.23.1. LTTng 0.10.0-pre8 fixes x86_64 segfault due to thread flags and fixes ltt-serialize x86_64 va_list argument passing array nonsense. LTTng 0.10.0-pre9 fixes SH and polishes the menus. LTTng 0.10.0-pre9 fixes s390 instrumentation mistake. LTTng 0.10.0-pre12 checkpatch coding style fixes. LTTng 0.10.0-pre16 Change LTT menu location : now in general setup.	Tested on x86_32.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

								LTTng 0.10.0-pre17 LTTng 0.10.0-pre18 : supports 2.6.24-rc1-git13, add markers support for multiple probes. Immediate values updates.		
0.10.0-pre2	0.10.0-pre20 0.10.0-pre21 0.10.0-pre22 0.10.0-pre23 0.10.0-pre24 0.10.0-pre25 0.10.0-pre26 0.10.0-pre27 0.10.0-pre28	0.46	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.24-rc2 2.6.24-rc2-git3 2.6.24-rc2-git5 2.6.24-rc3-git1	Fix multi-probes markers. LTTng 0.10.0-pre22 fixes multi-probes markers, fixes markers mutex usage at module load. LTTng 0.10.0-pre22 fixes a multi-probes pointer bug. LTTng 0.10.0-pre24, announcement to LKML.	Tested on x86_32.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre3 0.10.0-pre4	0.10.0-pre30 0.10.0-pre31 0.10.0-pre32 0.10.0-pre33 0.10.0-pre34 0.10.0-pre35 0.10.0-pre36	0.46	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.24-rc3-git1 2.6.24-rc3-git3	Fix process release in LTTV. Add missing APIC interrupts on x86 and x86_64. lttng pre31, pre32, pre33 fixes x86_64 instrumentation. lttng pre36 adds listing of syscalls, interrupts and softirqs. KALLSYMS is useful to get the symbol names. lttng pre36 fixes the missing ltt-test-tsc. in Kconfig options.	Tested on x86_32.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre5 0.10.0-pre6 0.10.0-pre7 0.10.0-pre8 0.10.0-pre9 0.10.0-pre10 0.10.0-pre11	0.10.0-pre37 0.10.0-pre38 0.10.0-pre39 0.10.0-pre40 0.10.0-pre41 0.10.0-pre42	0.46	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.24-rc4 2.6.24-rc4-git3 2.6.24-rc5-git7 2.6.24-rc8-git3	Fix process end of life (LTTng/LTTV). Fix endianness (LTTV). LTTV 0.10.0-pre6 shows system call and softirq names. (depends on KALLSYMS) LTTV 0.10.0-pre7 fixes large irq tables. LTTng 0.10 pre10 fixes a segfault in state.c	Tested on x86_32. Tested on x86_64.	alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre5 0.10.0-pre6 0.10.0-pre7 0.10.0-pre8	0.10.0-pre43	0.47	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.24	LTTng 0.10.0-pre43 supports kernel 2.6.24		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa.

0.10.0-pre9 0.10.0-pre10 0.10.0-pre11										arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre5 0.10.0-pre6 0.10.0-pre7 0.10.0-pre8 0.10.0-pre9 0.10.0-pre10 0.10.0-pre11 0.10.0-pre12 0.10.0-pre13	0.10.0-pre44 0.10.0-pre45 0.10.0-pre47 0.10.0-pre49 0.10.0-pre50 0.10.0-pre51 0.10.0-pre52 0.10.0-pre53 0.10.0-pre54 0.10.0-pre56	0.48	obsolete	Not available (syscall IDs not updated)	obsolete	1.0	2.6.25-rc3 2.6.25-rc6-git8 2.6.25-rc7-git6 2.6.25-rc9-git1 2.6.25 2.6.25.4 2.6.26-rc8 2.6.26-rc9	LTTng 0.10.0-pre44 supports kernel 2.6.25-rc3 and includes various fixes. LTTng 0.10.0-pre50 fixes x86 NMIs instrumentation, includes workaround for RCU preempt for markers (in mainline rc9). LTTng 0.10.0-pre51 fixes the buffer switch in active mode. LTTng 0.10.0-pre52 adds nop/jump optimization to immediate values and fix NMI in the Linux kernel. LTTng 0.10.0-pre52 supports 2.6.25. LTTng 0.10.0-pre55 supports 2.6.25.4, includes bugfixes. LTTV 0.10-pre12 fixes control flow view interaction with newer GTK versions. LTTV 0.10-pre13 fixes ressource view interaction with newer GTK versions. LTTng 0.10-pre56 supports kernel 2.6.26-rc8. LTTng 0.10-pre57 starts using Tracepoints and re-introduces userspace tracing through a userspace marker infrastructure, only for x86 for now. LTTng 0.10-pre58 fixes tracepoint probe build in some configurations and x86 arch-specific irq instrumentation. LTTng 0.11 has an immediate values bugfix which could case a kernel OOPS when enabling tracepoints or markers.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre5 0.10.0-pre6 0.10.0-pre7 0.10.0-pre8 0.10.0-pre9 0.10.0-pre10 0.10.0-pre11 0.10.0-	0.10 0.11 0.12 0.13 0.14 0.15	0.49 0.50	obsolete	0.5	obsolete	1.0	2.6.26 2.6.26.1	LTTng 0.10 support kernel 2.6.26 and adds markers support for userspace on x86 32 and 64 bits. ltt-control 0.49 contains sample scripts to enable all userspace markers visible in /proc at script execution. ltt-control 0.50 fixes lttd mutex usage in when multithreaded (-N x). lttv 0.10.0-pre14 fixes support of traces where CPU are hotplugged. LTTng 0.14 includes a fix to		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc,

pre12 0.10.0-pre13 0.10.0-pre14								the LTTng buffering scheme, found by running a Spin model through Promela. LTTng 0.15 has whitespace cleanups.		sparc64.
0.10.0-pre15	0.16 0.17 0.18 0.19 0.20 0.21 0.22 0.23 0.24 0.25 0.26	0.51 0.52	obsolete	0.6	obsolete	1.0	2.6.27-rc2 2.6.27-rc3 2.6.27-rc6 2.6.27-rc7	LTTng 0.16 supports 2.6.27-rc2, including ftrace and "taps". LTTV 0.10.0-pre15 includes some fixes in state.c (uninitialized variables). lttctl 0.51 adds support for taps. markers-userspace 0.6 supports kernel 2.6.27-rc2. LTTng 0.17 uses per-cpu variables to keep ltt_nesting. LTTng 0.18 reverts the formal-verif fix patch, which was broken since LTTng 0.14. LTTng 0.19 really just fixes the "author" in the lttng git tree. LTTng 0.23 contains a build fix for psrwlock on x86_32. LTTng 0.24 fixes the git tree. LTTng 0.25 fixes x86_64 compilation. LTTng 0.26 supports kernel 2.6.27-rc7. lttctl 0.52 fixes the ltt-armall script.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.10.0-pre15	0.27 0.28 0.29 0.30 0.31 0.32 0.33 0.34 0.35 0.36	0.53	obsolete	0.6	obsolete	1.0	2.6.27-rc7 2.6.27-rc8 2.6.27-rc9	LTTng 0.27 and lttd (ltt-control) 0.53 implement a vmap-less buffering scheme using splice(). LTTng 0.28 includes a small build fix. LTTng 0.29 supports 2.6.27-rc8. LTTng 0.32 supports 2.6.27-rc9 and adds a spinlock/irqoff buffering scheme (can be used with lttctl -T relay-locked). LTTng 0.33, 0.34 : checkpatch.pl coding style fixes. 0.35, 0.36 : size_t cast.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.11.0	0.38	0.53 0.54	obsolete	0.6	obsolete	2.0	2.6.27	LTTng 0.38 and LTTV 0.11.0 I just cleaned up the LTTng trace format heavily, got rid of the heartbeat timer (by checking for overflow at the tracing site), got rid of the "special" compact channel; it removed about 5 FIXMEs in LTTng (cpu hotplug and compact channel related). Everything is compact now : This is much more compact than the previous format, and		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

								permits a "tracer debug mode" in menuconfig which enables the "event size" field, which helps cross-checking the size expected by the userspace tool and the size written by the kernel. Note that this "event size" field can eventually be enabled on a per-event or per-channel basis. This will probably be useful to encode "binary blobs"... I also cleanup up the subbuffer header to make is much smaller than the previous one by removing unneeded information. I renamed the "facilities" channel to a better name : "metadata". It contains marker descriptions. The trace major number is bumped to "2" and is completely incompatible with old LTTV.		
0.11.1 0.11.2 0.11.3	0.39 0.40 0.41 0.42 0.43 0.44 0.45 0.46	0.53 0.54 0.55 0.56	obsolete	0.6	obsolete	2.1	2.6.27 2.6.27.2	LTTng 0.39 and LTTV 0.11.1 fixes 32-64 bits subbuffer header portability. LTTng 0.41 reintroduces the formal verification fix, which solves the case where the reader thinks the uncommitted subbuffer is fully committed. Unlikely to happen, but could, with small buffers especially.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.11.4 0.11.5 0.11.6	0.47 0.48 0.49 0.50 0.51 0.52 0.53 0.54 0.55 0.56 0.57	0.53 0.54 0.55 0.56	obsolete	0.6	obsolete	2.2	2.6.27.4 2.6.27.6	LTTng 0.47 and LTTV 0.11.4 now saves the event lost count in the subbuffer header. It's printed as a lttv warning when encountered. LTTng 0.47 also implemented specialized trap probes. LTTng 0.49 is a compile fix for userspace markers. LTTng 0.50 fixes immediate values by reverting the "jump patching" version of immediate values. They were always on, and therefore broken. It also reimplements tracepoint, marker and imv mutexes. LTTng 0.51 implements		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

								timestamping updates. LTTng 0.53 implements a timer-based generic tracing clock, also includes various fixes. LTTng 0.54 fixes the MIPS get_cycles_rate() and also change the freq_scale variable from a multiplier to a divisor. LTTng 0.57 fixes the modification done to offset and commit count counters following formal verification so the overflow is dealt with correctly. It was causing problems on 32-bits machines after 4GB worth of data going through a buffer.		
0.11.4 0.11.5 0.11.6	0.58 0.59 0.60 0.61 0.62 0.63 0.64	0.58 0.59	obsolete	0.6	obsolete	2.2	2.6.27.7 2.6.27.8	LTTng 0.58 implements debugfs-based trace control which will gradually replace the netlink-based control. ltt-control 0.58 expects the netlink negative error values. LTTng 0.59 implements an exclusive wait poll to fix thundering herd problem and help scalability.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.12.0 0.12.1 0.12.2 0.12.3 0.12.4 0.12.5 0.12.6 0.12.7	0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75 0.76 0.77 0.78 0.79 0.80 0.81 0.82 0.83 0.84 0.85 0.86	0.60 0.61 0.62 0.63 0.64	obsolete	0.6	obsolete	2.3	2.6.27.8 2.6.27.9 2.6.27.10 2.6.28 2.6.28.1	Channels are now dynamically allocated at runtime by LTTng. Marker IDs are now per channel. ltt-control 0.61 changes the command line arguments. See updated QUICKSTART. LTTng 0.68 implements /mnt/debugfs/ltt/write_event for basic userspace tracing. LTTV 0.12.3 updates the filter for channel_name.event_name, adds channel.name= support and event.subname= support. LTTV 0.12.4 fixes marker support so it handles disabled channels. ltt-control 0.62 fixes ash newline support in ltt-armall/ltt-disarmall. This is expecially useful for busybox. LTTV 0.12.5 fixes the syscall and softirq names in print.c. LTTng 0.73 supports the 2.6.28 kernel. LTTng 0.74 fixes network probe build and adds		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

								ext4/jbd2 tracepoints. LTTng 0.75 adds ext4 tracing support. LTTng 0.76 adds ext4 and jbd2 filtering on inode/device. See /mnt/debugfs/ltt/filter/ ltt-control 0.64 automatically mounts debugfs and loads ltt-trace-control.ko. LTTng 0.80 fixes regression in entry_64.S where a tbench slowdown occured when SYSCALL AUDIT or secure computing was enabled. LTTng 0.81 fixes userspace marker ABI x86_32 build error. LTTng 0.82 fixes x86_32 entry_32.S syscall tracing missing event due to thread flag being moved to bit 9 in 2.6.28. The testb has to be changed for a testw. LTTng 0.83 fixes kerneldoc. LTTng 0.84 adds block layer tracing. LTTng 0.85 fixes function tracer support. LTTV 0.12.7 updates LTTV to the new lttctl and ltt-armall commands. LTTng 0.86 fixes entry_64.S irq off tracer support.		
0.12.8 0.12.9 0.12.10 0.12.11	0.87 0.88 0.89 0.90 0.91	0.60 0.61 0.62 0.63 0.64	obsolete	0.6	obsolete	2.3	2.6.28.2 2.6.28.3 2.6.28.4 2.6.29-rc3	LTTng 0.87 combines 4 page fault events into 2. This is a very high-speed tracing path. LTTV 0.12.8 supports LTTng 0.87. LTTng 0.88 and LTTV 0.12.9 now supports dynamic kernel instrumentation with kprobes through a simple /mnt/debugfs/ltt/kprobes/ interface. LTTng 0.89 supports kernel 2.6.29-rc3, adds tree RCU tracing. LTTng 0.91 optimizes the write to page function (data copy to the buffers). LTTV 0.12.11 fixes a nasty event id/timestamp bug for event IDs 29, 30, 31.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.12.8 0.12.9 0.12.10 0.12.11 0.12.12 0.12.13 0.12.14 0.12.15 0.12.16 0.12.17 0.12.18	0.92 0.93 0.94 0.95 0.96 0.97 0.98 0.99 0.100 0.101 0.102	0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75	obsolete	0.6	obsolete	2.3	2.6.29-rc4 2.6.29-rc6 2.6.29-rc7 2.6.29-rc8 2.6.29 2.6.29.1 2.6.30-rc1 2.6.30-rc2 2.6.30-rc5 2.6.30 2.6.30.9	LTTng 0.92 reorders the LTTng patchset and drops the /proc/ltt interface. lttctl 0.65 updates ltt-armall to the new debugfs interface. lttv 0.12.10 fixes 32-bits host support for kprobes hash table. LTTng 0.94 adds ARM OMAP3 uniprocessor support, no power		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel,

0.12.19 0.12.20	0.103 0.104 0.105 0.106 0.108 0.109 0.110 0.111 0.112 0.113 0.114 0.115 0.116 0.117 0.118 0.119 0.120 0.121 0.122 0.123 0.124 0.125 0.126 0.127 0.128 0.129 0.130 0.131 0.132 0.133 0.134 0.135 0.136 0.137 0.138 0.139 0.140 0.141 0.142 0.143 0.144 0.145 0.146 0.147 0.148 0.149 0.150 0.151 0.152 0.153 0.154 0.155 0.156 0.157 0.158 0.159 0.160 0.161 0.162 0.163 0.164 0.165 0.166 0.167 0.168						2.6.31.3 2.6.31.5 2.6.31.6	management support yet. LTTng 0.99 fixes ARM syscall exit tracing. LTTng 0.101 supports Linux kernel 2.6.29-rc6. LTTng 0.103 integrates a patch to cache the page_address lookup. LTTng 0.104 includes the basics for future text output support (ltt-ascii is still work in progress) and a lot of patch folding has been done in preparation for LKML post. It supports kernel 2.6.29-rc7. LTTng 0.108 boosts performances. Fixes a false-sharing problem, divides the buffer management code into slow and fast paths for better locality. LTTng 0.110 moves to a pointer array instead of a linked list to manage the buffer pages. LTTng 0.111 adds commit count prefetch, removes rcu list prefetch (slows down small lists) and fixes powerpc64 build. LTTng 0.114 fixes LTTng vmcore (crash dump) support. LTTng 0.115 support kernel 2.6.29. LTTng 0.116 adds irq_next_handler event to tell which irq handler is being called. LTTng 0.117 fixes napi dev instrumentation. LTTng 0.120 fixes irq instrumentation bug introduced in 0.118. LTTng 0.121 adds performance enhancements (lighter atomic primitives) and adds NFS support for splice write (can save traces to NFS mounts again). LTTng 0.123 supports kernel 2.6.29.1. LTTng 0.124 fixes a mutex circular dependency in ltt-trace-control. LTTng 0.125 supports kernel 2.6.30-rc1. LTTng 0.126 supports kernel 2.6.30-rc2. LTTng 0.129 finally gets merge with event tracer right. LTTng 0.130 fixes issues when building LTTng as modules (in ltt kprobes support, Kconfig for ltt-relay-		x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

	0.169 0.170							*.c and exporting vmalloc_sync_all symbol appropriately). LTTng 0.133 fixes a irq handler instrumentation regression introduced in the 2.6.30-rc LTTng versions. LTTng 0.134 includes ARM OMAP3 trace clock fixes, idle support, PM tracepoints and LTTng async timer running as deferrable timer to save power. LTTng 0.135 support kernel 2.6.30-rc5. LTTV 0.12.13 fixes a bug in resourceview trap exit handling when occurs before any trap entry at the beginning of the trace. LTTV 0.12.14 fixes irq and softirq handling of resourceview for exit event at the beginning of the trace. LTTng 0.137 moves trace_clock generic variable to trace_clock_var. Conflict with ftrace. LTTng 0.139 modifies the memory barrier IPIs (at sub-subber switch) to give them a good deal of paranoia : don't trust the Linux IPI mechanism to ensure that memory is presented in program order when the remote ipi handler runs. Use our own smp_mb()s to ensure memory ordering. It's a slow path anyway, we don't care. LTTng 0.140 supports kernel 2.6.30. LTTV 0.12.15 contains some fixes for the resource view. ltt-control 0.68 fixes a memory leak in liblttctl. lttv 0.12.16 fixes file/quit menu. lttv 0.12.17 changes g_warning for missing events/fields for a g_info. Activate with -v on the command line. LTTng 0.143 fixes LTTng build with kernels having module config options disabled. LTTng 0.144 includes a fix for network event byte ordering. LTTng 0.145 fixes the flight recorder lockless fast path. Need to push reader there too. Also fixes the maximum splice() size: fixed to 1			

								subbuffer. Also simplified the flight recorder wrap around handling. LTTng 0.146 adds extra read-side sub-buffer for flight recorder. LTTng 0.147 fixes a race in the commit path for flight recorder extra sub-buffer exchange. LTTng 0.148 correctly rounds the subbuffer size to at least one page. LTTng 0.149 has working experimental ascii output. LTTng 0.150 fixes UP build for cpufreq driver. ltt-control 0.69 fixes lttd append mode. LTTng 0.151 fixes softirq instrumentation, caused by switch to mainline TRACE_EVENT with different name assignment. LTTng 0.152 few SH build fixes. LTTng 0.153 updates trace clock (minor fix). LTTng 0.156 adds a required compiler barrier to the trace-clock-32-to-64 update-side. LTTng 0.157 fixes the trace-clock-32-to-64 mutex to spinlock transition patch. ltt-control 0.71 fixes uClibc support. LTTng 0.158 fixes a memory size allocation problem, triggered with large number of subbuffers in lockless mode. Also adds a per-subbuffer event counter in lockless buffers shown in dmesg when buffers are destroyed. LTTng 0.159 fixes trace-clock for mips and x86: use spinlock in cpu hotplug notifier instead of mutex. LTTng 0.160 supports kernel 2.6.30.9. Using CONFIG_TREE_RCU with kernel 2.6.30.x is recommended due to problems encountered with mainline PREEMPT and CLASSIC RCU. LTTng 0.161 fixes immediate values interaction with !CONFIG_KPROBES. LTTV 0.12.18 fixes a name table resizing problem (memory leak). LTTV 0.12.19 fixes packaging issue with headers.		

								LTTng 0.162 supports Linux 2.6.31.3. LTTng 0.163 for Linux 2.6.31.5 adds support for network synchronization markers. ltt-control 0.72 adds support for network synchronization markers. LTTng 0.164 relicenses most tracer C files and headers, as well as immediate values C files to dual LGPL v2.1 / GPL v2 license, and most immediate values headers to dual BSD / GPL v2 license (phase 1). LTTng 0.165 does a large refactoring/cleanup. It relicenses all the missing LTTng files that can be shared with the UST tracer. All code imported from relay.c is now in ltt-relay-splice.c, which is kept under the GPL license (and only useful within the kernel anyway). LTTng 0.166 fixes trace teardown error for 32-bit machines introduced in 0.165. LTTng 0.167 supports kernel 2.6.31.6. ltt-control 0.73 adds per-channel parameter "switch_timer" (periodic buffer flush timer interval). LTTV 0.12.20 fixes a dependency on non-standard __SIZEOF_LONG__. Uses __WORDSIZE instead. Should fix some 32-bit builds. ltt-control 0.74 fixes a missing return value from liblttctl. LTTng 0.168 makes periodic flush energy-efficient, adds cpu idle notifiers for x86_32, x86_64 to deal with periodic flush vs idle interaction (other architectures are todo). Also fix a ltt-relay-vfs file close bug, increase default vm_state channel subbuffer size, fix ltt-ascii so it compiles after cleanup (ltt-ascii is still experimental, will need to be adapted to new periodic flush scheme). LTTng 0.169 fixes trace teardown. LTTng 0.170 fixes kref issues (since refactoring) and			

								cpu hotplug vs trace teardown issues. Simplification of trace creation/remove locking scheme. Passes test of concurrent CPU hotplug, markers arm/disarm and trace create/delete in loops for minutes.		
0.12.21	0.171 0.172	0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75	obsolete	0.6	obsolete	2.4	2.6.31.6	LTTng 0.170 and LTTV 0.12.21 fixes gcc structure trace format compatibility. LTTng 0.172 adds credits to Steven Rostedt for the extra subbuffer for reader in flight recorder mode.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
0.12.22 0.12.23 0.12.24 0.12.25 0.12.26 0.12.27 0.12.28 0.12.29	0.173 0.174 0.175 0.176 0.177 0.178 0.179 0.180 0.181 0.182 0.182o 0.183 0.183o 0.184 0.185 0.185o 0.186 0.186o 0.187 0.188 0.189 0.189o 0.190	0.76 0.77 0.78 0.79	obsolete	0.6	obsolete	2.5	2.6.31.6 2.6.32-rc8 2.6.32 2.6.32.2 2.6.32.4	LTTng 0.173, ltt-control 0.76, lttv 0.12.22, trace format 2.5 add support for variable-sized subbuffer transfers. Useful for network trace streaming with a periodic timer to flush the buffers periodically: only the actual payload (aligned to the next page) will be sent. LTTng 0.174 adds missing del_timer to switch_timer, and fixes buggy mips32 trace clock. LTTng 0.175 fixes event ID compaction. Caused problems when doing a second (and more) trace session. ltt-control 0.77 integrates new more flexible ltt-armall/ltt-disarmall scripts (which can now take options). LTTng 0.176 fixes a reverse locking issue in marker disable from trace control module. lttv 0.12.23 fixes polling in the trace control plugin. LTTng 0.177 fixes mips32 and mips64 trace clock. LTTng 0.178 reverts MIPS trace clock to assume synchronized TSCs. LTTng 0.179 supports kernel 2.6.32-rc8. LTTV 0.12.24 deals with try_wake_up by appropriately setting the target thread to "wake for cpu" state.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686, ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.

								LTTng 0.180 fixes SH trace clock definition. LTTng 0.181 supports kernel 2.6.32. ltt-control update ltt-armall script to stop using deprecated head -1. LTTng 0.182 fixes powerpc 440 support and adds trace clock support for PM and DVFS on ARM OMAP3. LTTng 0.182o is based on the omap/pm tree 2.6.32-rc8 kernel. It has the DVFS/PM trace clock support found in lttng 0.182. LTTV 0.12.25 changes the size of default irq table to work around a bug in state.c (experienced on a ARM trace). LTTng 0.185 coexists peacefully with trace event. LTTng 0.186 and 0.186o fixes !CPUFREQ config for arm omap3 tracing. LTTng 0.187 and 0.188, for kernel 2.6.32.4, fixes x86-32 apm cpu idle instrumentation. LTTV 0.12.26 fixes a backward position seek wrap-around (time underflow) issue with the detailed event list. LTTV 0.12.27, 0.12.28 temporarily disables the new network sync module, which causes a build failure on 64-bit. ltt-control 0.79 ensures /bin/sh (busybox) script compatibilty. LTTV 0.12.29 re-enables the network time alignment (sync/). It's fixed now. LTTng 0.189: tree reorganisation in subdirectories, phase 1. Add ARM cpufreq trace clock fix. LTTng 0.189o: lttng-omap tree, add arm cpufreq trace clock fix. LTTng 0.190 fixes net-extended instrumentation alignment on 32-bit architectures.		
0.12.30	0.191 0.192 0.193 0.194 0.195 0.196 0.197 0.198 0.199	0.76 0.77 0.78 0.79	obsolete	0.6	obsolete	2.6	2.6.32.4 2.6.32.9 2.6.33 2.6.33.1	LTTng 0.191, LTTV 0.12.30 coming with trace format 2.6 revert to the pre-2.4 behavior for alignment of 64-bit fields on 32-bit architectures. It aligns them on 32-bit (maximum alignment is the architecture size). This follows gcc behavior.		x86, alpha, arm26, avr32, cris, frv, h8300, m32r, m68knommu, parisc, sh, sh64, um, v850, xtensa. arm, i686,

	0.200 0.201 0.202							LTTng 0.192 fixes a crash with immediate values on x86 for kernel configured without modules. It was caused by a mainline commit which restricted the liveness of the "nop" table to init time in this configuration. LTTng 0.193 modifies timers to support RT kernels again, and modifies omap3 trace clock spinlock taken with irqs off, turning it into a raw spinlock (needed for RT kernel). LTTng 0.194 uses mod_timer_pinned with add_timer_on to support NO_HZ SMP configs. Fixes incorrect API use introduced in 0.193. LTTng 0.195 supports kernel 2.6.32.9. LTTng 0.196 fixes a declaration omission in ARM omap3 trace clock, introduced in 0.194. LTTng 0.197 adds compiler barriers within nesting count. Eliminates possible false-negative caused by heavy compiler optimization. This only affects self-detection of internal LTTng problems (e.g. detecting trap recursion within the tracer), so it is not crucially important to update. LTTng 0.198 fixes a periodic flush timer bug introduced in LTTng 0.194. LTTng 0.199 supports Linux kernel 2.6.33. LTTng 0.200 supports Linux kernel 2.6.33.1. LTTng 0.201 fixes omap3 trace clock build: header moved from mach/ to plat/. LTTng 0.202 fixes the ARM omap3 build.		ia64, m68k, mips, mipsel, x86_64, powerpc 405, powerpc64, s390, sparc, sparc64.
LTTV	**LTTng**	**LTT Control**	**LTTng modules**	**LTTng userspace tracer**	**Genevent**	**Trace Major.Minor**	**Kernels-architectures**	**Comments**	**Kernel Regression ok**	**Regression fails/not tested**