

[patch 00/23]

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We are pleased to announce the next version of our "high resolution timers" and "dynticks" patchset, which implements two important features that Linux lacked for many years.

The patchset is against 2.6.18-mm2. (Since our last release there were no big changes, other than bugfixes and internal releasification cleanups, and the merge to -mm. The queue is bisect-friendly.)

If review and feedback is positive we'd like this patchset to be added to the 2.6.19 kernel. It has been maintained ontop of ktimers initially (more than a year ago), and then ontop of hrtimers (after ktimers were renamed to hrtimers and the hrtimer subsystem went upstream in January). Various -hrt iterations have been announced on lkml numerous times in the past year.

Now that the hrtimers subsystem and most of John Stultz Generic Time Of Day work is upstream, this patchset is straightforward and carries little risks if high-res timers are turned off (which is the default).

This patchset has been tested on various i686 systems. (We have the x86_64 patches too, but we'd like to concentrate on this first wave initially.)

The patchset can also be found at:

<http://www.tglx.de/projects/hrtimers/2.6.18-mm2/patch-2.6.18-mm2-hrt-dyntick1.patches.tar.bz2>

Thomas, Ingo

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