Subject: [PATCH, v6 0/3] Introduce timer slack controller
Posted by Kirill A. Shutsemov on Mon, 14 Feb 2011 13:06:24 GMT
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Changelog:

v6:
 - add documentation
 - use notifier_call_chain() instead of check hook
 - fix validate_change()
 - cleanup
v5:
 - -EBUSY on writing to timer_slack.min_slack_ns/max_slack_ns if a child has
   wider min-max range
v4:
 - hierarchy support
 - drop dummy_timer_slack_check()
 - workaround lockdep false (?) positive
 - allow 0 as timer slack value
v3:
 - rework interface
 - s/EXPORT_SYMBOL/EXPORT_SYMBOL_GPL/
v2:
 - fixed with CONFIG_CGROUP_TIMER_SLACK=y
v1:
 - initial revision

Kirill A. Shutemov (3):
  cgroups: export cgroup_iter_{start,next,end}
  Implement timer slack notifier chain
  cgroups: introduce timer slack controller

 Documentation/cgroups/timer_slack.txt | 93 ++++++++++
 include/linux/cgroup_subsys.h | 6 +
 include/linux/sched.h | 5 +
 init/Kconfig | 10 ++
 kernel/Makefile | 3 +-
 kernel/cgroup.c | 3 +
 kernel/cgroup_timer_slack.c | 285 ++++++++++++++++++++++++++++++++++
 kernel/sys.c | 9 +-
 kernel/timer_slack.c | 57 +++++++
 9 files changed, 463 insertions(+), 8 deletions(-)
 create mode 100644 Documentation/cgroups/timer_slack.txt
 create mode 100644 kernel/cgroup_timer_slack.c
 create mode 100644 kernel/timer_slack.c

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1.7.4

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