
Subject: [PATCH, v6 0/3] Introduce timer slack controller
Posted by [Kirill A. Shutemov](#) 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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