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Subject: [PATCH 0/4] cpuacct cleanup  
Posted by [Glauber Costa](#) on Fri, 25 Nov 2011 01:33:22 GMT  
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Hi,

Leaving aside all the hierarchy walk discussion, I tried to come up with a series that concentrates only the basic points of it all. I think we benefit from having it independently of the rest of the work: in general (comments on the specifics welcome) cpuacct is made more naturally integrated with the scheduler, and the statistics it collects are now exactly the same as the system-wide ones for the root cgroup case. I think quite similar can be done with cpusage by associating the root cgroup with the main runqueues, but this here is just me scratching my own itches - we can do it later.

Please let me know if this is acceptable.

Glauber Costa (4):

- Change cpustat fields to an array.

- Reuse cgroup's parent pointer

- Move part of cpuacct code

- cpuacct.stat: re-use scheduler statistics for the root cgroup

```
arch/s390/appldata/appldata_os.c    | 16 +-
arch/x86/include/asm/i387.h          |  2 +-
drivers/cpufreq/cpufreq_conservative.c | 38 +----
drivers/cpufreq/cpufreq_ondemand.c   | 38 +----
drivers/macintosh/rack-meter.c        |  8 +-
fs/proc/stat.c                       | 63 +++++---
fs/proc/uptime.c                     |  4 +-
include/linux/kernel_stat.h           | 36 +++--
kernel/sched.c                       | 270 ++++++-----
9 files changed, 252 insertions(+), 223 deletions(-)
```

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1.7.6.4

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