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

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 cpuusage 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