Subject: Re: [PATCH 1/5] Revert recent removal of set_curr_task() Posted by Ingo Molnar on Mon, 24 Sep 2007 16:35:25 GMT

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- * Srivatsa Vaddagiri <vatsa@linux.vnet.ibm.com> wrote:
- >> (3) rework enqueue/dequeue_entity() to get rid of
- > > sched_class::set_curr_task()

>

Inac

- > Dmitry/Ingo,
- > I am sorry for not having reviewed this change properly, but I
- > think we need to revert this.

ah, i was wondering about that already. We can certainly skip that optimization.

- > In theory its possible to solve these problems w/o reintroducing
- > set_curr_task(). I tried doing so, but found it clutters
- > dequeue_entity and enqueue_entity a lot and makes it less readable. It
- > will duplicate what put_prev_entity() and set_next_entity() are
- > supposed to do. Moreoever it is slightly inefficient to do all these
- > in dequeue entity() if we consider that dequeue entity can be called
- > on current task for other reasons as well (like when it is abt to
- > sleep or change its nice value).

yeah, it's not worth it. I'd go for keeping the code unified even if adds a few instructions runtime overhead, as i'd expect most distros to enable fair-group-scheduling by default in the future. (once all the containers infrastructure and tools has trickled down to them)

ingo		
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