Subject: Re: [PATCH v3 3/6] expose fine-grained per-cpu data for cpuacct stats

Posted by Peter Zijlstra on Wed, 30 May 2012 10:43:48 GMT

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On Wed, 2012-05-30 at 14:34 +0400, Glauber Costa wrote:
> On 05/30/2012 02:34 PM, Peter Zijlstra wrote:
> > On Wed, 2012-05-30 at 13:48 +0400, Glauber Costa wrote:
> >
> >> +static int cpuacct_stats_percpu_show(struct cgroup *cgrp, struct cftype *cft,
> >> +   struct cgroup_map_cb *cb)
> >> +{
> >> + struct cpuacct *ca = cgroup_ca(cgrp);
> >> + int cpu;
> >> +
> >> + for_each_online_cpu(cpu) {
> >> + do_fill_cb(cb, ca, "user", cpu, CPUTIME_USER);
> >> + do_fill_cb(cb, ca, "nice", cpu, CPUTIME_NICE);
> >> + do_fill_cb(cb, ca, "system", cpu, CPUTIME_SYSTEM);
> >> + do_fill_cb(cb, ca, "irq", cpu, CPUTIME_IRQ);
> >> + do_fill_cb(cb, ca, "softirq", cpu, CPUTIME_SOFTIRQ);
> >> + do_fill_cb(cb, ca, "guest", cpu, CPUTIME_GUEST);
> >> + do_fill_cb(cb, ca, "guest_nice", cpu, CPUTIME_GUEST_NICE);
> >> + }
> >> +
> >> + return 0;
> >> +}
> >
> > Uhm, hotplug anyone?
> What's with hotplug ?

Who's to say all cpus are online at this point? If you don't want to
make the files come and go with hotplug, one should use
for_each_possible_cpu().