
Subject: Re: [PATCH] task containersv11 add tasks file interface fix for cpusets
Posted by [ebiederm](#) on Thu, 11 Oct 2007 23:20:43 GMT

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Stupid question.

Would it help at all if we structured this as:

- Take the control group off of the cpus and runqueues.
- Modify the tasks in the control group.
- Place the control group back on the runqueues.

Essentially this is what ptrace does (except for one task at a time).

Since we know that the tasks are not running, and that we have exclusive access to the tasks in the control group we can take action as if we were the actual tasks themselves. Which should simplify locking.

So I think with just a touch of care we can significantly simplify the locking by being much more coarse grained, at the expense of this kind of control group operation being more expensive. Plus we would have an operation that was reusable.

I think the stop everything. modify everything, start everything could also be used instead of an array of task structures.

Eric

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