Subject: Re: Re: [PATCH 4/5] Setup the control group
Posted by Paul Menage on Mon, 01 Oct 2007 15:50:04 GMT
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On 10/1/07, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:
>
> Yes, we need to do that. Paul Menage wanted to pull in resource counters
> into cgroups.

No, that's not what I wanted - I just wanted to try to cut down the boilerplate required to use resource counters. Ideally it would be as simple as including a call to some function such as "add_res_counter(...)" which would deal with setting up all the cgroup control files, provide handlers, etc. This also helps to keep all the APIs consistent.

See the patch that I sent last week entitled "Simplify memory controller and resource counter I/O" for a first step in that direction.

> Also, I'd like to be able to share res_counters between
> container groups or at-least support a hierarchy.

A hierarchy sounds like a good idea.

For the sharing, there are two approaches - any subsystem that wants sharing has to implement it itself, or else implement sharing at the control groups level and make it (mostly) transparent to the subsystems. I think I prefer the latter and have been playing with some ways to do this.

Paul