
Subject: Re: Re: [PATCH 4/5] Setup the control group
Posted by [Balbir Singh](#) on Mon, 01 Oct 2007 15:53:54 GMT
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Paul Menage wrote:

> 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.
>

OK. I'll take a closer look

>> 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.
>

Excellent, I prefer the later as well, but it would mean overheads
for controllers not using the hierarchy. If we can come up with
a design such that parents<->children can effectively share resources,
track them and do so recursively, that would be really nice.

> Paul

--

Warm Regards,
Balbir Singh
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