
Subject: Re: [PATCH 2/2] Make res_counter hierarchical
Posted by [Paul Menage](#) on Tue, 11 Mar 2008 15:56:08 GMT
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On Tue, Mar 11, 2008 at 2:16 AM, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

>
> Paul Menage wrote:
> > On Tue, Mar 11, 2008 at 2:13 AM, KAMEZAWA Hiroyuki
> > <kamezawa.hiroyu@jp.fujitsu.com> wrote:
> >> or remove all relationship among counters of *different* type of resources.
> >> user-land-daemon will do enough jobs.
> >>
> >
> > Yes, that would be my preferred choice, if people agree that
> > hierarchically limiting overall virtual memory isn't useful. (I don't
> > think I have a use for it myself).
> >
>
> Virtual limits are very useful. I have a patch ready to send out.
> They limit the amount of paging a cgroup can do (virtual limit - RSS limit).

Ah, from this should I assume that you're talking about virtual address space limits, not virtual memory limits?

My comment above was referring to Pavel's proposal to limit total virtual memory (RAM + swap) for a cgroup, and then limit swap as a subset of that, which basically makes it impossible to limit the RAM usage of cgroups properly if you also want to allow swap usage.

Virtual address space limits are somewhat orthogonal to that.

Paul

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
