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Subject: Re: [PATCH 2/2] Make res\_counter hierarchical  
Posted by [Balbir Singh](#) on Tue, 11 Mar 2008 15:59:38 GMT  
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Paul Menage wrote:

> 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.

>

Yes, I was referring to Virtual address limits (along the lines of RLIMIT\_AS). I guess it's just confusing terminology. I have patches for Virtual address limits. I should send them out soon.

--

Warm Regards,  
Balbir Singh  
Linux Technology Center  
IBM, ISTL

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Containers mailing list  
[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)  
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