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Subject: Re: [ckrm-tech] [PATCH 0/2] resource control file system - aka containers on top of nsproxy!

Posted by [Herbert Poetzel](#) on Fri, 09 Mar 2007 21:52:18 GMT

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On Fri, Mar 09, 2007 at 11:49:08PM +0530, Srivatsa Vaddagiri wrote:

> On Fri, Mar 09, 2007 at 01:53:57AM +0100, Herbert Poetzel wrote:

>>> The real trick is that I believe these groupings are designed to

>>> be something you can setup on login and then not be able to switch

>>> out of. Which means we can't use sessions and process groups as the

>>> grouping entities as those have different semantics.

>>

>> precisely, once you are inside a resource container, you

>> must not have the ability to modify its limits, and to

>> some degree, you should not know about the actual available

>> resources, but only about the artificial limits

the emphasis here is on 'from inside' which basically boils down to the following:

if you create a 'resource container' to limit the usage of a set of resources for the processes belonging to this container, it would be kind of defeating the purpose, if you'd allow the processes to manipulate their limits, no?

> From non-container workload management perspective, we do desire

> dynamic manipulation of limits associated with a group and also the

> ability to move tasks across resource-classes/groups.

the above doesn't mean that there aren't processes

\_outside\_ the resource container which have the

necessary capabilities to manipulate the container

in any way (changing limits dynamically, moving

tasks in and out of the container, etc ...)

best,

Herbert

> --

> Regards,

> vatsa

>

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> Containers mailing list

> Containers@lists.osdl.org

> <https://lists.osdl.org/mailman/listinfo/containers>

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