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Subject: Re: [ckrm-tech] [PATCH 3/9] Containers (V9): Add tasks file interface  
Posted by [Paul Menage](#) on Wed, 02 May 2007 03:25:35 GMT

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On 5/1/07, Srivatsa Vaddagiri <vatsa@in.ibm.com> wrote:

>  
> For the CPU controller I was working on, (a fast access to) such a list would  
> have been valuable. Basically each task has a weight associated with it  
> (p->load\_weight) which is made to depend upon its class limit. Whenever  
> the class limit changes, we need to go and change all its member task's  
> ->load\_weight value.  
>  
> If you don't maintain the per-container task list, I guess I could still  
> work around it, by either:  
>  
> - Walk the task table and find relevant members

That doesn't seem like a terrible solution to me, unless you expect  
the class limit to be changing incredibly frequently.

If we had multiple subsystems that needed to walk the container member  
list on a fast-path operation (e.g. to make a scheduling decision)  
that would be a good reason to maintain such a list.

> perhaps  
> - Move p->load\_weight to a class structure

Sounds like a good idea if you can do it - but if it's per-process,  
how would it fit in the class structure?

Paul

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