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Subject: Re: [ckrm-tech] [PATCH 3/7] Containers (V8): Add generic multi-subsystem API to containers

Posted by [Paul Menage](#) on Tue, 10 Apr 2007 15:45:13 GMT

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On 4/10/07, Srivatsa Vaddagiri <vatsa@in.ibm.com> wrote:

>

> Is the first argument into all the callbacks, struct container\_subsys \*ss,  
> necessary?

I added it to support library-like abstractions - where one subsystem can have its container callbacks and file accesses all handled by a library which converts to a higher-level abstraction. See the res\_group example patch to see how it can be used.

>

```
> > +struct container_subsys cpuset_subsys = {  
> > + .name = "cpuset",  
> > + .create = cpuset_create,  
> > + .destroy = cpuset_destroy,  
> > + .can_attach = cpuset_can_attach,  
> > + .attach = cpuset_attach,  
> > + .populate = cpuset_populate,  
> > + .subsys_id = cpuset_subsys_id,  
> > + .early_init = 1,  
> > +};
```

>

> We seem to be missing a register call here as well ..

Registration is done at compile time in the new patch set, thanks to the static declaration of subsystems and subsystem ids.

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