
Subject: Re: [DRAFT] Container mini-summit notes v0.01
Posted by [Cedric Le Goater](#) on Thu, 06 Sep 2007 11:22:11 GMT
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>>   . checkpoint/restart syscalls
>>   . C/R file systems
>>   solves the set id issue
>>   elegant but exposes too much the ABI
>
> I vote for the filesystem :) I'd add more details as we did on mini-summit.
>
> tasks
>  ` - <pid1>
>  ` - <tid1>
>  ...
>  <tidN>
>  files
>  ` - 1 -> /* made as a symlink */
>      2 -> /* if socket point to net/ objects */
>  memory
>  ` - <vma1> -> /* symlink to mm objects */
>  <pid2>
>  ...
>  <pidN>
> mm
> ipc
> network
>
> and so on and so forth.
```

We need to dig on this idea. RFC ?

C.

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

Subject: Re: [DRAFT] Container mini-summit notes v0.01
Posted by [dev](#) on Thu, 06 Sep 2007 12:00:47 GMT
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Cedric Le Goater wrote:

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1. resource interrelationships are much more complicated then a tree.
e.g. pid can be owned by a number of processes, threads, terminals, etc.
So I'm not a fan of the idea.
2. exposing such a low-level information to the user-space can be undesirable:
 - a) it allows to create non-GPL checkpointing
 - b) significantly hits the performance of checkpoint/restore
 - c) BTW, how do you plan to restore via filesystem? mkdir? create? :)

Thanks,
Kirill

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