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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```
>>   * possible direction for C/R user api
>>        . 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
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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 interrelashionships 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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