Subject: Re: [RFC][PATCH 0/4] Object creation with a specified id
Posted by Nadia Derbey on Tue, 15 Apr 2008 10:30:26 GMT
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Nick Andrew wrote:
> On Fri, Apr 04, 2008 at 04:51:29PM +0200, Nadia.Derbey@bull.net wrote:
>
>> . echo "LONG XX" > /proc/self/next_id
>>   next object to be created will have an id set to XX
>> . echo "LONG<n> X0 ... X<n-1>" > /proc/self/next_id
>>   next object to be created will have its ids set to XX0, ... X<n-1>
>>   This is particularly useful for processes that may have several ids if
>>   they belong to nested namespaces.
>
>
> How do you handle race conditions, i.e. you specify the ID for the
> next object to be created, and then some other thread goes and creates
> an object before your thread creates one?
>
> Nick.

Sorry for not answering earlier, I just saw your e-mail!

It's true that the way I've done things, the "create_with_id" doesn't
take into account multi-threaded apps, since "self" is related to the
thread group leader.

May be using something like /proc/self/task/<my_tid>/next_id would be
better, but I have to think more about it...

Regards,
Nadia

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