
Subject: Re: [RFC][PATCH 0/4] Object creation with a specified id
Posted by [Oren Laadan](#) on Tue, 15 Apr 2008 18:52:33 GMT
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Nadia Derby wrote:

> 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!

[I too managed to miss that message].

>

> 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...

That /proc/self links to /proc/TGID slipped my mind. Definitely must be done on a per-thread basis (and /proc/<TGID>/task/<PID>/next_id will do the trick).

Oren.

>

> Regards,

> Nadia

Containers mailing list

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