## Subject: Re: [RFC][PATCH 0/4] Object creation with a specified id Posted by Oren Laadan on Fri, 14 Mar 2008 16:02:46 GMT

View Forum Message <> Reply to Message

```
Pavel Emelyanov wrote:
> Oren Laadan wrote:
>> Nadia Derbey wrote:
>>> Oren Laadan wrote:
>>> Nadia.Derbey@bull.net wrote:
>>>>
>>>> A couple of weeks ago, a discussion has started after Pierre's
>>>> proposal for
>>>> a new syscall to change an ipc id (see thread
>>>> http://lkml.org/lkml/2008/1/29/209).
>>>>
>>>> Oren's suggestion was to force an object's id during its creation.
>>>> rather
>>>> than 1. create it, 2. change its id.
>>>> So here is an implementation of what Oren has suggested.
>>>>
>>>> 2 new files are defined under /proc/self:
>>>> . next ipcid --> next id to use for ipc object creation
>>>> . next_pids --> next upid nr(s) to use for next task to be forked
                  (see patch #2 for more details).
>>>> Generally looks good. One meta-comment, though:
>>>> I wonder why you use separate files for separate resources,
>>> That would be needed in a situation wheere we don't care about next,
>>> say, ipc id to be created but we need a predefined pid. But I must admit
>>> I don't see any pratical application to it.
>> exactly; why set the next-ipc value so far in advance? I think it's
>> better (and less confusing) if we require that setting the next-id value
>> be done right before the respective syscall.
> And race with some other syscall caller? This will only work if the next-ipc-id
> and the next-pid are on a task struct. Are they (at least supposed to be such)?
yes. that's the first detail I looked for in the patch :)
Containers mailing list
Containers@lists.linux-foundation.org
https://lists.linux-foundation.org/mailman/listinfo/containers
```