## Subject: Re: [RFC][PATCH 4/7] UBC: syscalls (user interface)
Posted by dev on Thu, 17 Aug 2006 12:03:43 GMT

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>>Add the following system calls for UB management:
>>  1. sys_getluid    - get current UB id
>>  2. sys_setluid    - changes exec_ and fork_ UBs on current
>>  3. sys_setublimit - set limits for resources consumtions
>>
>
>
> Why not have another system call for getting the current limits?
will add sys_getublimit().

> But as I said in previous mail, configfs seems like a better choice for
> user interface.  That way user has to go to one place to read/write
> limits, see the current usage and other stats.
Check another email about interfaces. I have arguments against it :/

>>Signed-Off-By: Pavel Emelianov <xemul@sw.ru>
>>Signed-Off-By: Kirill Korotaev <dev@sw.ru>
>
>
>  ...<snip>...
>
>>+
>>+/*
>>+ * The setbeanlimit syscall
>>+ */
>>+asmlinkage long sys_setublimit(uid_t uid, unsigned long resource,
>>+  unsigned long *limits)
>>+{
>
>
>>+ ub = beancounter_findcreate(uid, NULL, 0);
>>+ if (ub == NULL)
>>+  goto out;
>>+
>>+ spin_lock_irqsave(&ub->ub_lock, flags);
>>+ ub->ub_parms[resource].barrier = new_limits[0];
>>+ ub->ub_parms[resource].limit = new_limits[1];
>>+ spin_unlock_irqrestore(&ub->ub_lock, flags);
>>+
>
>
> I think there should be a check here for seeing if the new limits are
> lower than the current usage of a resource.  If so then take appropriate
> action.

any idea what exact action to add here?
Looks like can be added when needed, agree?

Thanks,
Kirill

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