
Subject: Re: [ckrm-tech] [RFC][PATCH 4/7] UBC: syscalls (user interface)
Posted by [Chandra Seetharaman](#) on Fri, 18 Aug 2006 20:13:34 GMT
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On Wed, 2006-08-16 at 19:39 +0400, Kirill Korotaev wrote:

<snip>

```
> +/*
> + * The setbeanlimit syscall
> + */
> +asmlinkage long sys_setublimit(uid_t uid, unsigned long resource,
> + unsigned long *limits)
> +{
> + int error;
> + unsigned long flags;
> + struct user_beancounter *ub;
> + unsigned long new_limits[2];
> +
> + error = -EPERM;
> + if(!capable(CAP_SYS_RESOURCE))
> + goto out;
> +
> + error = -EINVAL;
> + if (resource >= UB_RESOURCES)
> + goto out;
> +
> + error = -EFAULT;
> + if (copy_from_user(&new_limits, limits, sizeof(new_limits)))
> + goto out;
> +
> + error = -EINVAL;
> + if (new_limits[0] > UB_MAXVALUE || new_limits[1] > UB_MAXVALUE)
> + goto out;
> +
> + error = -ENOENT;
> + 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];
```

>From my understanding it appear that barrier <= limit. But, the check is missing here.

```
> + spin_unlock_irqrestore(&ub->ub_lock, flags);
> +
```

```
> + put_beancounter(ub);
> + error = 0;
> +out:
> + return error;
> +}
> +#endif
>
> -----
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>
> -----
> ckrm-tech mailing list
> https://lists.sourceforge.net/lists/listinfo/ckrm-tech
--
```

```
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Chandra Seetharaman      | Be careful what you choose....
    - sekharan@us.ibm.com | .....you may get it.
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```
