
Subject: Re: [PATCH 4/6] BC: user interface (syscalls)
Posted by [Chandra Seetharaman](#) on Thu, 24 Aug 2006 00:30:56 GMT
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On Wed, 2006-08-23 at 15:06 +0400, Kirill Korotaev wrote:

<snip>

```
> +asmlinkage long sys_set_bclimit(uid_t id, unsigned long resource,
> + unsigned long *limits)
> +{
> + int error;
> + unsigned long flags;
> + struct beancounter *bc;
> + unsigned long new_limits[2];
> +
> + error = -EPERM;
> + if(!capable(CAP_SYS_RESOURCE))
> + goto out;
> +
> + error = -EINVAL;
> + if (resource >= BC_RESOURCES)
> + goto out;
> +
> + error = -EFAULT;
> + if (copy_from_user(&new_limits, limits, sizeof(new_limits)))
> + goto out;
> +
> + error = -EINVAL;
> + if (new_limits[0] > BC_MAXVALUE || new_limits[1] > BC_MAXVALUE)
> + goto out;
> +
> + error = -ENOENT;
> + bc = beancounter_findcreate(id, 0);
> + if (bc == NULL)
> + goto out;
> +
> + spin_lock_irqsave(&bc->bc_lock, flags);
> + bc->bc_parms[resource].barrier = new_limits[0];
> + bc->bc_parms[resource].limit = new_limits[1];
```

No check for barrier <= limit

```
> + spin_unlock_irqrestore(&bc->bc_lock, flags);
> +
> + put_beancounter(bc);
> + error = 0;
> +out:
> + return error;
> +}
```

<snip>

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