
Subject: Re: [PATCH 4/6] BC: user interface (syscalls)
Posted by [Alexey Dobriyan](#) on Wed, 23 Aug 2006 13:41:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Wed, Aug 23, 2006 at 03:06:05PM +0400, Kirill Korotaev wrote:

```
> --- ./kernel/bc/sys.c.ve3
> +++ ./kernel/bc/sys.c

> +asmlinkage long sys_set_bclimit(uid_t id, unsigned long resource,
> + unsigned long *limits)
```

```
    unsigned long __user *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;

> +int sys_get_bcstat(uid_t id, unsigned long resource,
> + struct bc_resource_parm *uparm)
```

```
    __user *uparm
> +{
> + int error;
> + unsigned long flags;
> + struct beancounter *bc;
> + struct bc_resource_parm parm;
> +
> + error = -EINVAL;
> + if (resource > BC_RESOURCES)
> + goto out;
> +
> + error = -ENOENT;
> + bc = beancounter_findcreate(id, 0);
> + if (bc == NULL)
```

```
> + goto out;
> +
> + spin_lock_irqsave(&bc->bc_lock, flags);
> + parm = bc->bc_parms[resource];
> + spin_unlock_irqrestore(&bc->bc_lock, flags);
> + put_beancounter(bc);
> +
> + error = 0;
> + if (copy_to_user(uparm, &parm, sizeof(parm)))
> + error = -EFAULT;
```
