
Subject: Re: [ckrm-tech] [RFC][PATCH] UBC: user resource beancounters
Posted by [Alan Cox](#) on Thu, 24 Aug 2006 10:49:06 GMT

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Ar Mer, 2006-08-23 am 19:04 -0700, ysgrifennodd Chandra Seetharaman:

> > A single centralized structure that has fields that are mostly used by
> > every one should be okay I think.
>
> You mean to say definition like
>
> struct user_beancounter {
> fields; /* fields that exists now */
>
> int kmemsize_ctlr_info1;
> char *kmemsize_ctlr_info2;
>
> char *oomguar_ctlr_info1;
> char *oomguar_ctlr_info2;
>
> /* and so on */
> }
>
> is the right thing to do ? even though oomguar controller doesn't care
> about kmemsize_ctlr_info* etc.,

All you need is

```
struct wombat_controller
{
    struct user_beancounter counter;
    void (*wombat_pest_control)(struct wombat *w);
    atomic_t wombat_population;
    int (*wombat_destructor)(struct wombat *w);
};
```

and just embed the counter in whatever you are controlling. The point of the beancounters themselves is to be **SIMPLE**. It's unfortunate that some folk seem obsessed with extending them for a million theoretical projects rather than getting them in and working and then extending them for real projects. Please lets not have another EVMS.

Alan
