
Subject: Re: [PATCH 11/13] BC: vmrss (preparations)
Posted by [Cedric Le Goater](#) on Tue, 05 Sep 2006 22:09:41 GMT
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Kirill Korotaev wrote:

<snip>

```
> --- ./include/bc/beancounter.h.bcvmrssprep 2006-09-05
> 13:17:50.000000000 +0400
> +++ ./include/bc/beancounter.h 2006-09-05 13:44:33.000000000 +0400
> @@ -45,6 +45,13 @@ struct bc_resource_parm {
> #define BC_MAXVALUE LONG_MAX
>
> /*
> + * This magic is used to distinguish user beancounter and pages beancounter
> + * in struct page. page_ub and page_bc are placed in union and MAGIC
> + * ensures us that we don't use pbc as ubc in bc_page_uncharge().
> + */
> +#define BC_MAGIC 0x62756275UL
> +
> +/*
> + * Resource management structures
> + * Serialization issues:
> + * beancounter list management is protected via bc_hash_lock
> @@ -54,11 +61,13 @@ struct bc_resource_parm {
> */
>
> struct beancounter {
> + unsigned long bc_magic;
> atomic_t bc_refcount;
> spinlock_t bc_lock;
> bcid_t bc_id;
> struct hlist_node hash;
>
> + unsigned long unused_privvmpages;
> /* resources statistics and settings */
> struct bc_resource_parm bc_params[BC_RESOURCES];
> };
> @@ -74,6 +83,8 @@ enum bc_severity { BC_BARRIER, BC_LIMIT,
>
> #ifdef CONFIG_BEANCOUNTERS
>
> +extern unsigned int nr_beancounters = 1;
> +
```

my gcc doesn't like this one ...

regards,

C.

Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>

```
include/bc/beancounter.h | 2 +-  
kernel/bc/beancounter.c | 2 +-  
2 files changed, 2 insertions(+), 2 deletions(-)
```

Index: 2.6.18-rc5-mm1/include/bc/beancounter.h

=====

```
--- 2.6.18-rc5-mm1.orig/include/bc/beancounter.h  
+++ 2.6.18-rc5-mm1/include/bc/beancounter.h  
@@ -86,7 +86,7 @@ enum bc_severity { BC_BARRIER, BC_LIMIT,
```

```
#ifdef CONFIG_BEANCOUNTERS
```

```
-extern unsigned int nr_beancounters = 1;  
+extern unsigned int nr_beancounters;
```

```
/*
```

```
 * These functions tune minheld and maxheld values for a given
```

Index: 2.6.18-rc5-mm1/kernel/bc/beancounter.c

=====

```
--- 2.6.18-rc5-mm1.orig/kernel/bc/beancounter.c  
+++ 2.6.18-rc5-mm1/kernel/bc/beancounter.c  
@@ -20,7 +20,7 @@ static void init_beancounter_struct(stru
```

```
struct beancounter init_bc;
```

```
-unsigned int nr_beancounters;  
+unsigned int nr_beancounters = 1;
```

```
const char *bc_rnames[] = {  
    "kmemsize", /* 0 */
```