
Subject: Re: [PATCH 11/13] BC: vmrss (preparations)

Posted by [dev](#) on Wed, 06 Sep 2006 13:56:03 GMT

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Thanks a lot!!!

> 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 */
>

```
