
Subject: Re: [RFC][PATCH 4/7] RSS accounting hooks over the code

Posted by [Cedric Le Goater](#) on Wed, 14 Mar 2007 15:37:59 GMT

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```
> --- linux-2.6.20.orig/mm/migrate.c 2007-02-04 21:44:54.000000000 +0300
> +++ linux-2.6.20-0/mm/migrate.c 2007-03-06 13:33:28.000000000 +0300
> @@ -134,6 +134,7 @@ static void remove_migration_pte(struct
> pte_t *ptep, pte;
> spinlock_t *ptl;
> unsigned long addr = page_address_in_vma(new, vma);
> + struct page_container *pcont;
>
> if (addr == -EFAULT)
> return;
> @@ -157,6 +158,11 @@ static void remove_migration_pte(struct
> return;
> }
>
> + if (container_rss_prepare(new, vma, &pcont)) {
> + pte_unmap(ptep);
> + return;
> + }
> +
> ptl = pte_lockptr(mm, pmd);
> spin_lock(ptl);
> pte = *ptep;
> @@ -175,16 +181,19 @@ static void remove_migration_pte(struct
> set_pte_at(mm, addr, ptep, pte);
>
> if (PageAnon(new))
> - page_add_anon_rmap(new, vma, addr);
> + page_add_anon_rmap(new, vma, addr, pcont);
> else
> - page_add_file_rmap(new);
> + page_add_file_rmap(new, pcont);
>
> /* No need to invalidate - it was non-present before */
> update_mmu_cache(vma, addr, pte);
> lazy_mmu_prot_update(pte);
> + pte_unmap_unlock(ptep, ptl);
> + return;
>
> out:
> pte_unmap_unlock(ptep, ptl);
> + container_rss_release(pcont);
> }
>
> /*
```

you missed out an include in mm/migrate.c

cheers,

C.

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

mm/migrate.c | 1 +
1 file changed, 1 insertion(+)

Index: 2.6.20/mm/migrate.c

=====

--- 2.6.20.orig/mm/migrate.c
+++ 2.6.20/mm/migrate.c
@@ -28,6 +28,7 @@
#include <linux/mempolicy.h>
#include <linux/vmalloc.h>
#include <linux/security.h>
+#include <linux/rss_container.h>

#include "internal.h"
