
Subject: Re: [RFC][PATCH 4/7] RSS accounting hooks over the code
Posted by [xemul](#) on Wed, 14 Mar 2007 15:43:37 GMT

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Cedric Le Goater wrote:

```
>> --- 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,

Thanks! :)

> 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"
>
> -
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>
