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Subject: Re: [PATCH 2/3] memcggroup: fix typo in VM\_BUG\_ON()

Posted by [Li Zefan](#) on Mon, 18 Feb 2008 06:47:10 GMT

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Balbir Singh wrote:

> YAMAMOTO Takashi wrote:

>>> Li Zefan wrote:

>>>> No need for VM\_BUG\_ON(pc), since 'pc' is the list entry. This should

>>>> be VM\_BUG\_ON(page).

>>>>

>>>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

>>>> Acked-by: KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>

>>> pc is of type page\_cgroup and we use list\_for\_each\_entry\_safe\_reverse. Not sure

>>> why we can't bug on pc.

>> pc is dereferenced before this VM\_BUG\_ON.

>>

>> YAMAMOTO Takashi

>>

>

> OK, so the VM\_BUG\_ON needs to move to an earlier location. Agreed.

>

No, 'pc' has been dereferenced in list\_for\_each\_entry\_safe\_reverse().

```
#define list_for_each_entry_safe_reverse(pos, n, head, member) \
for (pos = list_entry((head)->prev, typeof(*pos), member), \
    n = list_entry(pos->member.prev, typeof(*pos), member); \
    ^^^^^^^^^^
    &pos->member != (head); \
    ^^^^^^^^^^
    pos = n, n = list_entry(n->member.prev, typeof(*n), member))
```

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