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Subject: Re: [PATCH 1/7] small cleanup for memcontrol.c  
Posted by [KAMEZAWA Hiroyuki](#) on Wed, 22 Feb 2012 00:46:19 GMT  
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On Tue, 21 Feb 2012 15:34:33 +0400  
Glauber Costa <[glommer@parallels.com](mailto:glommer@parallels.com)> wrote:

> Move some hardcoded definitions to an enum type.  
>  
> Signed-off-by: Glauber Costa <[glommer@parallels.com](mailto:glommer@parallels.com)>  
> CC: Kirill A. Shutemov <[kirill@shutemov.name](mailto:kirill@shutemov.name)>  
> CC: Greg Thelen <[gthelen@google.com](mailto:gthelen@google.com)>  
> CC: Johannes Weiner <[jweiner@redhat.com](mailto:jweiner@redhat.com)>  
> CC: Michal Hocko <[mhocko@suse.cz](mailto:mhocko@suse.cz)>  
> CC: Hiroyuki Kamezawa <[kamezawa.hiroyu@jp.fujitsu.com](mailto:kamezawa.hiroyu@jp.fujitsu.com)>  
> CC: Paul Turner <[pjt@google.com](mailto:pjt@google.com)>  
> CC: Frederic Weisbecker <[fweisbec@gmail.com](mailto:fweisbec@gmail.com)>

seems ok to me.

Acked-by: KAMEZAWA Hiroyuki <[kamezawa.hiroyu@jp.fujitsu.com](mailto:kamezawa.hiroyu@jp.fujitsu.com)>

a nitpick..

> ---  
> mm/memcontrol.c | 10 ++++++---  
> 1 files changed, 7 insertions(+), 3 deletions(-)  
>  
> diff --git a/mm/memcontrol.c b/mm/memcontrol.c  
> index 6728a7a..b15a693 100644  
> --- a/mm/memcontrol.c  
> +++ b/mm/memcontrol.c  
> @@ -351,9 +351,13 @@ enum charge\_type {  
> };  
>  
> /\* for encoding cft->private value on file \*/  
> #define \_MEM (0)  
> #define \_MEMSWAP (1)  
> #define \_OOM\_TYPE (2)  
> +  
> +enum mem\_type {  
> + \_MEM = 0,  
  
> =0 is required ?  
  
> + \_MEMSWAP,  
> + \_OOM\_TYPE,  
> +};

```
> +
> #define MEMFILE_PRIVATE(x, val) (((x) << 16) | (val))
> #define MEMFILE_TYPE(val) (((val) >> 16) & 0xffff)
> #define MEMFILE_ATTR(val) ((val) & 0xffff)
> --
> 1.7.7.6
>
>
```

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