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Subject: Re: [PATCH 04/10] memcg: Introduce \_\_GFP\_NOACCOUNT.  
Posted by [KAMEZAWA Hiroyuki](#) on Wed, 29 Feb 2012 06:00:41 GMT  
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On Mon, 27 Feb 2012 14:58:47 -0800  
Suleiman Souhlal <[ssouhlal@FreeBSD.org](mailto:ssouhlal@FreeBSD.org)> wrote:

> This is used to indicate that we don't want an allocation to be accounted  
> to the current cgroup.  
>  
> Signed-off-by: Suleiman Souhlal <[suleiman@google.com](mailto:suleiman@google.com)>

I don't like this.

Please add

\_\_\_GFP\_ACCOUNT "account this allocation to memcg"

Or make this as slab's flag if this work is for slab allocation.

Thanks,  
-Kame

> ---  
> include/linux/gfp.h | 2 ++  
> 1 files changed, 2 insertions(+), 0 deletions(-)  
>  
> diff --git a/include/linux/gfp.h b/include/linux/gfp.h  
> index 581e74b..765c20f 100644  
> --- a/include/linux/gfp.h  
> +++ b/include/linux/gfp.h  
> @@ -23,6 +23,7 @@ struct vm\_area\_struct;  
> #define \_\_GFP\_REPEAT 0x400u  
> #define \_\_GFP\_NOFAIL 0x800u  
> #define \_\_GFP\_NORETRY 0x1000u  
> +#define \_\_GFP\_NOACCOUNT 0x2000u  
> #define \_\_GFP\_COMP 0x4000u  
> #define \_\_GFP\_ZERO 0x8000u  
> #define \_\_GFP\_NOMEMALLOC 0x10000u  
> @@ -76,6 +77,7 @@ struct vm\_area\_struct;  
> #define \_\_GFP\_REPEAT ((\_\_force gfp\_t) \_\_GFP\_REPEAT) /\* See above \*/  
> #define \_\_GFP\_NOFAIL ((\_\_force gfp\_t) \_\_GFP\_NOFAIL) /\* See above \*/  
> #define \_\_GFP\_NORETRY ((\_\_force gfp\_t) \_\_GFP\_NORETRY) /\* See above \*/  
> +#define \_\_GFP\_NOACCOUNT ((\_\_force gfp\_t) \_\_GFP\_NOACCOUNT) /\* Don't account to the  
current cgroup \*/  
> #define \_\_GFP\_COMP ((\_\_force gfp\_t) \_\_GFP\_COMP) /\* Add compound page metadata \*/

> #define \_\_GFP\_ZERO ((\_\_force gfp\_t) \_\_GFP\_ZERO) /\* Return zeroed page on success \*/  
> #define \_\_GFP\_NOMEMALLOC ((\_\_force gfp\_t) \_\_GFP\_NOMEMALLOC) /\* Don't use  
emergency reserves \*/  
> --  
> 1.7.7.3  
>  
> --  
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