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Subject: Re: [RFC/PATCH] cgroup swap subsystem  
Posted by [Pavel Emelianov](#) on Thu, 06 Mar 2008 12:25:09 GMT  
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Daisuke Nishimura wrote:

> Hi.  
>  
>> At first look, remembering mm struct is not very good.  
>> Remembering swap controller itself is better.  
>  
> The swap\_cgroup when the page(and page\_cgroup) is allocated and  
> the swap\_cgroup when the page is going to be swapped out may be  
> different by swap\_cgroup\_move\_task(), so I think swap\_cgroup  
> to be charged should be determined at the point of swapout.

No. Since we now do not account for the situation, when pages are shared between cgroups, we may think, that the cgroup, which the page was allocated by and the cgroup, which this pages goes to swap in are the same.

> Instead of pointing mm\_struct from page\_cgroup, it would be  
> better to determine the mm\_struct which the page to be swapped  
> out is belongs to by rmap, and charge swap\_cgroup of the mm\_struct.  
> In this implementation, I don't need to add new member to page\_cgroup.  
>  
> What do you think ?  
>  
>  
> Thanks,  
> Daisuke Nishimura.  
>

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