
Subject: Re: [PATCH v9 1/9] Basic kernel memory functionality for the Memory Controller

Posted by [Greg Thelen](#) on Fri, 16 Dec 2011 06:20:52 GMT

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On Sun, Dec 11, 2011 at 11:47 PM, Glauber Costa <glommer@parallels.com> wrote:

> +Memory limits as specified by the standard Memory Controller may or may not
> +take kernel memory into consideration. This is achieved through the file
> +memory.independent_kmem_limit. A Value different than 0 will allow for kernel

s/Value/value/

It is probably worth documenting the default value for memory.independent_kmem_limit? I figure it would be zero at root and and inherited from parents. But I think the implementation differs.

```
> @@ -277,6 +281,11 @@ struct mem_cgroup {  
>     */  
>     unsigned long   move_charge_at_immigrate;  
>     /*  
> +     * Should kernel memory limits be stabilished independently  
> +     * from user memory ?  
> +     */  
> +     int             kmem_independent_accounting;
```

I have no serious objection, but a full int seems like overkill for a boolean value.

```
> +static int register_kmem_files(struct cgroup *cont, struct cgroup_subsys *ss)  
> +{  
> +     int ret = 0;  
> +  
> +     ret = cgroup_add_files(cont, ss, kmem_cgroup_files,  
> +                          ARRAY_SIZE(kmem_cgroup_files));  
> +     return ret;
```

If you want to this function could be condensed down to:
return cgroup_add_files(...);
