
Subject: Re: [-mm PATCH 2/8] Memory controller containers setup (v2)

Posted by [Balbir Singh](#) on Fri, 06 Jul 2007 21:07:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

Dave Hansen wrote:

> On Thu, 2007-07-05 at 22:21 -0700, Balbir Singh wrote:

```
>> +struct mem_container {
>> + struct container_subsys_state css;
>> + /*
>> +  * the counter to account for memory usage
>> +  */
>> + struct res_counter res;
>> +};
```

>

> How about we call it "memory_usage"? That would kill two birds with one
> stone: get rid of the comment, and keep people from needing to refer to
> the comment to figure out what "res" *IS*.

>

Hmm.. res is the closest to resource counter. res_cnt is confusing.
res is a generic resource definition to indicate that we are dealing
with generic resource counters.

```
>> +/*
>> + * A meta page is associated with every page descriptor. The meta page
>> + * helps us identify information about the container
>> + */
>> +struct meta_page {
>> + struct list_head list; /* per container LRU list */
>> + struct page *page;
>> + struct mem_container *mem_container;
>> +};
```

>

> Why not just rename "list" to "lru_list" or "container_lru"?

>

I think just lru might be fine, meta_page->lru == container LRU.

```
>> +
>> +static inline struct mem_container *mem_container_from_cont(struct container
>> +    *cnt)
```

>

> I'd probably break that line up differently:

>

> static inline

```
> struct mem_container *mem_container_from_cont(struct container *cnt)
```

>

Yes, that's better.

> BTW, do I see "cnt" meaning "container" now instead of "cnt"? ;)
>

Nope, I'll fix it to be cont

> Is somebody's favorite dog named "cnt" and you're just trying to remind
> yourself of them as often as possible?
>

It's an easy shorthands to use, like i or ref, num.

> -- Dave
>

--

Warm Regards,
Balbir Singh
Linux Technology Center
IBM, ISTL

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
