
Subject: RE: [PATCH v8 1/9] Basic kernel memory functionality for the Memory Controller

Posted by [David Laight](#) on Fri, 09 Dec 2011 14:44:45 GMT

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> How about this?

```
>
>     val = !!val;
>
>     /*
>      * This follows the same hierarchy restrictions than
>      * mem_cgroup_hierarchy_write()
>      */
>     if (!parent || !parent->use_hierarchy) {
>         if (list_empty(&cgroup->children))
>             memcg->kmem_independent_accounting = val;
>         else
>             return -EBUSY;
>     }
>     else
>         return -EINVAL;
>
>     return 0;
```

Inverting the tests gives easier to read code:

```
if (parent && parent->user_hierarchy)
    return -EINVAL;
if (!list_empty(&cgroup->children))
    return -EBUSY;
memcg->kmem_independent_accounting = val != 0;
return 0;
```

NFI about the logic...

On the face of it the tests don't seem related to each other
or to the assignment!

David
