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Subject: Re: [PATCH] memory cgroup enhancements [1/5] force\_empty for memory cgroup

Posted by [David Rientjes](#) on Wed, 17 Oct 2007 05:38:18 GMT

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On Wed, 17 Oct 2007, KAMEZAWA Hiroyuki wrote:

```
> > +static ssize_t mem_force_empty_read(struct cgroup *cont,
> > +  struct cftype *cft,
> > +  struct file *file, char __user *userbuf,
> > +  size_t nbytes, loff_t *ppos)
> > +{
> > + static const char buf[2] = "0";
> > + return simple_read_from_buffer((void __user *)userbuf, nbytes,
> > +  ppos, buf, strlen(buf));
> >
> > Reading memory.force_empty is pretty useless, so why allow it to be read
> > at all?
>
> Ah, yes. How can I make this as read-only ? just remove .read ?
>
> Thanks,
```

You mean make it write-only? Typically it would be as easy as only specifying a mode of S\_IWUSR so that it can only be written to, the S\_IFREG is already provided by cgroup\_add\_file().

Unfortunately, cgroups do not appear to allow that. It hardcodes the permissions of 0644 | S\_IFREG into the cgroup\_create\_file() call from cgroup\_add\_file(), which is a bug. Cgroup files should be able to be marked as read-only or write-only depending on their semantics.

So until that bug gets fixed and you're allowed to pass your own file modes to cgroup\_add\_files(), you'll have to provide the read function.

David

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Containers mailing list  
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