
Subject: Re: [PATCH 05/11] sysfs: sysfs_chmod_file handle multiple superblocks
Posted by [Daniel Lezcano](#) on Tue, 24 Jun 2008 10:39:46 GMT
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Tejun Heo wrote:

> Hello,

>

> Daniel Lezcano wrote:

>>> I think it would be great if sysfs_chmod_file can do all-or-nothing

>>> instead of failing half way through but given the interface of

>>> notify_change(), it could be difficult to implement. Any ideas?

>> Is it acceptable to queue the notifications in a list until we are in

>> the loop and loop again to notify when exiting the first loop without

>> error ?

>

> Can you please take a look at the following patch?

>

> <http://article.gmane.org/gmane.linux.file-systems/24484>

>

> Which replaces notify_change() call to two calls to sysfs_setattr() and

> fsnotify_change(). The latter never fails and the former should always

> succeed if inode_change_ok() succeeds (inode_setattr() never fails

> unless the size is changing), so I think the correct thing to do is...

>

> * Separate out sysfs_do_setattr() which doesn't do inode_change_ok() and

> just sets the attributes. Making it a void function which triggers

> WARN_ON() when inode_setattr() fails would be a good idea.

>

> * Implement sysfs_chmod_file() in similar way rename/move are

> implemented - allocate all resources and check conditions and then iff

> everything looks okay commit the operation by calling sysfs_do_setattr().

>

> How does that sound?

Much better than my first proposition :)

I will do a separate patchset.

Thanks.

Containers mailing list

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