
Subject: Re: [PATCH 05/11] sysfs: sysfs_chmod_file handle multiple superblocks
Posted by [Tejun Heo](#) on Wed, 25 Jun 2008 12:31:49 GMT

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Daniel Lezcano wrote:

> 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?

>

> Does this patch looks like what you are describing ?

Yeah, something like that. With looping for all the inodes added, it looks like it will work fine.

Thanks.

--

tejun

Containers mailing list

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