Subject: Re: [PATCH 06/14] sysfs: Rewrite sysfs\_get\_dentry Posted by ebiederm on Wed, 01 Aug 2007 17:40:06 GMT

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Tejun Heo <a href="mailto:htejun@gmail.com">htejun@gmail.com</a>> writes:

- > Hmmm... I think we can live with a bit of complexity in
- > sysfs\_get\_dentry(). It's very well localized and not even long. I have
- > been trying hard to untangle sysfs internals from vfs and have a bit of
- > resistance against going back. But, then again, if we can achieve
- > something better and simpler, why not?

Right now my real challenge is untangling sysfs\_move\_dir. In the case of multiple mounts of the sysfs tree.

My practical problem is that I need to hold a lock for the sysfs dirents and while that lock is held I need to call sysfs\_get\_dentry for the destination directory once for each superblock.

It might be that some kind of reader-writer lock strategy is what I need to untangle this mess. Rather then making changing to i\_mutex. All I know is at the moment it is taking a lot of code reading and brain storm to come of with something that is easy to maintain.

Eric

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