
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 <htejun@gmail.com> writes:

> Hmm... 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 than 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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