
Subject: Re: [PATCH 06/14] sysfs: Rewrite sysfs_get_dentry
Posted by [Cornelia Huck](#) on Thu, 02 Aug 2007 08:28:19 GMT
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On Thu, 02 Aug 2007 02:51:19 +0900,
Tejun Heo <htejun@gmail.com> wrote:

> Eric W. Biederman wrote:
> > 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.
>
> Just in case, sysfs used to have sysfs_rename_rwsem to protect
> move/rename against tree walking, which became unnecessary after i_mutex
> -> sysfs_mutex conversion. Move/rename can use stupid big fat locks if
> that helps.

I second that. Reintroduction of sysfs_rename_rwsem or something
similar may be the best way to avoid headaches.

Containers mailing list
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