Subject: Re: [PATCH 06/25] sysfs: Simplify readdir.
Posted by Tejun Heo on Wed, 08 Aug 2007 07:12:41 GMT

On Tue, Aug 07, 2007 at 03:13:14PM -0600, Eric W. Biederman wrote:
>
> At some point someone wrote sysfs_readdir to insert a cursor
> into the list of sysfs_dirents to ensure that sysfs_readdir would
> restart properly. That works but it is complex code and tends
> to be expensive.
>
> The same effect can be achieved by keeping the sysfs_dirents in
> inode order and using the inode number as the f_pos. Then
> when we restart we just have to find the first dirent whose inode
> number is equal or greater then the last sysfs_dirent we attempted
> to return.
>
> Removing the sysfs directory cursor also allows the remove of
> all of the mysterious checks for sysfs_type(sd) != 0.   Which
> were nonbovious checks to see if a cursor was in a directory list.
>
> Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

Acked-by: Tejun Heo <htejun@gmail.com>

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tejun

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Containers mailing list
Containers@lists.linux-foundation.org
https://lists.linux-foundation.org/mailman/listinfo/containers