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Subject: Re: [PATCH 20/25] sysfs: Rename Support multiple superblocks  
Posted by [ebiederm](#) on Wed, 08 Aug 2007 15:45:57 GMT

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Tejun Heo <[htejun@gmail.com](mailto:htejun@gmail.com)> writes:

```
>> +{
>> + struct sysfs_rename_struct *srs;
>> + struct super_block *sb;
>> + struct dentry *dentry;
>> + int error;
>> +
>> + list_for_each_entry(sb, &sysfs_fs_type.fs_supers, s_instances) {
>> +     dentry = sysfs_get_dentry(sb, sd);
>> +     if (!dentry)
>> +         continue;
>
> sysfs_get_dentry() return ERR_PTR() value. Oops, sysfs_get_dentry()
> implementation is wrong too. Also, please move
> sysfs_grab/release_supers() near this patch and add (a lot of)
> comments there.
>
> Other than that, I think this is as clean as this can be. Great.
```

Welcome. I will see what I can do with respect to cleaning up the names.

As for the return value of `sysfs_get_dentry` that is tricky. In particular I have three specific cases the code needs to deal with.

- We got the dentry.
- We did not get the dentry because for this super block there never ever will be a dentry.
- Some kind of error occurred in attempting to get the dentry.

Not getting a dentry because it is impossible I am currently handling with a NULL return. I can equally use a specific error code to mean that as well. It doesn't much matter. So I guess the hunk in question could read:

```
>> + list_for_each_entry(sb, &sysfs_fs_type.fs_supers, s_instances) {
>> +     dentry = sysfs_get_dentry(sb, sd);
>> +     if (dentry == ERR_PTR(-ENOENT))
>> +         continue;
```

As long as we handle that class of error differently I really don't care.

Eric

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Containers mailing list

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