
Subject: [PATCH 01/10] sysfs: Make sysfs_mount static again.

Posted by [ebiederm](#) on Sat, 01 Dec 2007 09:12:27 GMT

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In preparation for supporting multiple mounts of sysfs I need to remove all assumptions that we have a single mount of sysfs. So this patch modifies sysfs_open_file to use the vfsmount from the struct file instead of fibbing and using the global vfsmount.

We get a little more noise this way but we should continue to get the useful part of the debugging information.

This was the reason I made sysfs_mount static earlier.

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

```
fs/sysfs/file.c | 2 +-
fs/sysfs/mount.c | 2 +-
fs/sysfs/sysfs.h | 1 -
3 files changed, 2 insertions(+), 3 deletions(-)
```

```
diff --git a/fs/sysfs/file.c b/fs/sysfs/file.c
```

```
index 87e4a0e..ad13151 100644
```

```
--- a/fs/sysfs/file.c
```

```
+++ b/fs/sysfs/file.c
```

```
@@ -330,7 +330,7 @@ static int sysfs_open_file(struct inode *inode, struct file *file)
    int error = -EACCES;
    char *p;
```

```
- p = d_path(file->f_dentry, sysfs_mount, last_sysfs_file,
+ p = d_path(file->f_dentry, file->f_vfsmnt, last_sysfs_file,
    sizeof(last_sysfs_file));
    if (p)
```

```
        memmove(last_sysfs_file, p, strlen(p) + 1);
```

```
diff --git a/fs/sysfs/mount.c b/fs/sysfs/mount.c
```

```
index a3410d6..7416826 100644
```

```
--- a/fs/sysfs/mount.c
```

```
+++ b/fs/sysfs/mount.c
```

```
@@ -22,7 +22,7 @@
```

```
/* Random magic number */
```

```
#define SYSFS_MAGIC 0x62656572
```

```
-struct vfsmount *sysfs_mount;
```

```
+static struct vfsmount *sysfs_mount;
```

```
struct super_block * sysfs_sb = NULL;
```

```
struct kmem_cache *sysfs_dir_cachep;
```

```
diff --git a/fs/sysfs/sysfs.h b/fs/sysfs/sysfs.h
```

```
index 52aaa8c..ff17f8d 100644
--- a/fs/sysfs/sysfs.h
+++ b/fs/sysfs/sysfs.h
@@ -91,7 +91,6 @@ struct sysfs_addrm_cxt {
 extern struct sysfs_dirent sysfs_root;
 extern struct super_block *sysfs_sb;
 extern struct kmem_cache *sysfs_dir_cache;
-extern struct vfsmount *sysfs_mount;

/*
 * dir.c
--
1.5.3.rc6.17.g1911
```

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