
Subject: [PATCH 05/14] sysfs: Remove sysfs_instantiate

Posted by [ebiederm](#) on Tue, 31 Jul 2007 10:25:26 GMT

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Now that sysfs_get_inode is dropping the inode lock we no longer have a need for sysfs_instantiate. So kill it and just use d_instantiate instead.

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

fs/sysfs/dir.c | 2 +-
fs/sysfs/inode.c | 17 -----
fs/sysfs/sysfs.h | 1 -
3 files changed, 1 insertions(+), 19 deletions(-)

fs/sysfs/inode.c | 17 -----

fs/sysfs/sysfs.h | 1 -

3 files changed, 1 insertions(+), 19 deletions(-)

diff --git a/fs/sysfs/dir.c b/fs/sysfs/dir.c

index 8430633..6933f36 100644

--- a/fs/sysfs/dir.c

+++ b/fs/sysfs/dir.c

@@ -767,7 +767,7 @@ static struct dentry * sysfs_lookup(struct inode *dir, struct dentry *dentry,
goto out;
}

- sysfs_instantiate(dentry, inode);

+ d_instantiate(dentry, inode);

sysfs_attach_dentry(sd, dentry);

out:

diff --git a/fs/sysfs/inode.c b/fs/sysfs/inode.c

index e832a5d..f55d9da 100644

--- a/fs/sysfs/inode.c

+++ b/fs/sysfs/inode.c

@@ -212,23 +212,6 @@ struct inode * sysfs_get_inode(struct sysfs_dirent *sd)
return inode;
}

./**

- * sysfs_instantiate - instantiate dentry

- * @dentry: dentry to be instantiated

- * @inode: inode associated with @sd

- *

- * Unlock @inode if locked and instantiate @dentry with @inode.

- *

- * LOCKING:

- * None.

- */

-void sysfs_instantiate(struct dentry *dentry, struct inode *inode)

-{

```

- BUG_ON(!dentry || dentry->d_inode);
-
- d_instantiate(dentry, inode);
-}
-
int sysfs_hash_and_remove(struct sysfs_dirent *dir_sd, const char *name)
{
    struct sysfs_addrm_cxt acxt;
diff --git a/fs/sysfs/sysfs.h b/fs/sysfs/sysfs.h
index b55e510..3b4b989 100644
--- a/fs/sysfs/sysfs.h
+++ b/fs/sysfs/sysfs.h
@@ -71,7 +71,6 @@ extern void sysfs_remove_one(struct sysfs_addrm_cxt *acxt,
extern int sysfs_addrm_finish(struct sysfs_addrm_cxt *acxt);

extern struct inode * sysfs_get_inode(struct sysfs_dirent *sd);
-extern void sysfs_instantiate(struct dentry *dentry, struct inode *inode);

extern void release_sysfs_dirent(struct sysfs_dirent * sd);
extern struct sysfs_dirent *sysfs_find_dirent(struct sysfs_dirent *parent_sd,
--
1.5.1.1.181.g2de0

```

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