Subject: [PATCH] fix of shmem oops
Posted by dim on Fri, 09 Dec 2005 10:44:50 GMT
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Patch from Dmitry (dim@):
 - fixed race between dput_recursive and generic_shutdown_super on root
   dentry.
   Bug #55453

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Thanks,
Dmitry.

```
--- ./fs/dcache.c.shrinkroot 2005-12-05 12:01:57.000000000 +0300
+++ ./fs/dcache.c 2005-12-08 15:33:44.000000000 +0300
@@ -129,14 +129,11 @@ DECLARE_WAIT_QUEUE_HEAD(dcache_shrinker_
 static void dcache_shrinker_add(struct dcache_shrinker *ds,
   struct dentry *parent, struct dentry *dentry)
 {
- if (parent != dentry) {
-  struct super_block *sb;
+ struct super_block *sb;

-  sb = parent->d_sb;
-  ds->dentry = parent;
-  list_add(&ds->list, &sb->s_dshrinkers);
- } else
-  INIT_LIST_HEAD(&ds->list);
+ sb = parent->d_sb;
+ ds->dentry = parent;
+ list_add(&ds->list, &sb->s_dshrinkers);
 }

 /* called under dcache_lock */
```

File Attachments

1) diff-ms-shrink-root-20051209, downloaded 775 times