Subject: [patch 22/22] elevate mnt writers for vfs_unlink() callers
Posted by Cedric Le Goater on Thu, 07 Jun 2007 15:25:49 GMT
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---
 fs/namei.c | 4 ++++
 ipc/mqueue.c | 5 ++++-
 2 files changed, 8 insertions(+), 1 deletion(-)

Index: 2.6.22-rc4-mm2-robindmount/fs/namei.c
===
--- 2.6.22-rc4-mm2-robindmount.orig/fs/namei.c
+++ 2.6.22-rc4-mm2-robindmount/fs/namei.c
@@ -2227,7 +2227,11 @@ static long do_unlinkat(int dfd, const c
   inode = dentry->d_inode;
   if (inode)
    atomic_inc(&inode->i_count);
+ error = mnt_want_write(nd.mnt);
+ if (error)
+   goto exit2;
   error = vfs_unlink(nd.dentry->d_inode, dentry);
+ mnt_drop_write(nd.mnt);
  exit2:
   dput(dentry);
  }
Index: 2.6.22-rc4-mm2-robindmount/ipc/mqueue.c
===
--- 2.6.22-rc4-mm2-robindmount.orig/ipc/mqueue.c
+++ 2.6.22-rc4-mm2-robindmount/ipc/mqueue.c
@@ -750,8 +750,11 @@ asmlinkage long sys_mq_unlink(const char
  inode = dentry->d_inode;
  if (inode)
   atomic_inc(&inode->i_count);
-
+ err = mnt_want_write(mqueue_mnt);
+ if (err)
+ goto out_err;
  err = vfs_unlink(dentry->d_parent->d_inode, dentry);
+ mnt_drop_write(mqueue_mnt);
 out_err:
  dput(dentry);

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