
Subject: [PATCH resend] proc: Fix proc_kill_inodes to kill dentries on all proc superblocks

Posted by [ebiederm](#) on Thu, 01 Nov 2007 15:39:45 GMT

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It appears we overlooked support for removing generic proc files when we added support for multiple proc super blocks. Handle that now.

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

```
---
fs/proc/generic.c | 38 ++++++-----
fs/proc/internal.h |  2 ++
fs/proc/root.c    |  2 +-
3 files changed, 24 insertions(+), 18 deletions(-)

diff --git a/fs/proc/generic.c b/fs/proc/generic.c
index 1bdb624..3906770 100644
--- a/fs/proc/generic.c
+++ b/fs/proc/generic.c
@@ -561,28 +561,32 @@ static int proc_register(struct proc_dir_entry * dir, struct proc_dir_entry
 * dp
 static void proc_kill_inodes(struct proc_dir_entry *de)
 {
     struct list_head *p;
- struct super_block *sb = proc_mnt->mnt_sb;
+ struct super_block *sb;

     /*
      * Actually it's a partial revoke().
      */
- file_list_lock();
- list_for_each(p, &sb->s_files) {
- struct file * filp = list_entry(p, struct file, f_u.fu_list);
- struct dentry * dentry = filp->f_path.dentry;
- struct inode * inode;
- const struct file_operations *fops;
-
- if (dentry->d_op != &proc_dentry_operations)
- continue;
- inode = dentry->d_inode;
- if (PDE(inode) != de)
- continue;
- fops = filp->f_op;
- filp->f_op = NULL;
- fops_put(fops);
+ spin_lock(&sb_lock);
+ list_for_each_entry(sb, &proc_fs_type.fs_supers, s_instances) {
```

```

+ file_list_lock();
+ list_for_each(p, &sb->s_files) {
+ struct file * filp = list_entry(p, struct file, f_u.fu_list);
+ struct dentry * dentry = filp->f_path.dentry;
+ struct inode * inode;
+ const struct file_operations *fops;
+
+ if (dentry->d_op != &proc_dentry_operations)
+ continue;
+ inode = dentry->d_inode;
+ if (PDE(inode) != de)
+ continue;
+ fops = filp->f_op;
+ filp->f_op = NULL;
+ fops_put(fops);
+ }
+ file_list_unlock();
+ }
- file_list_unlock();
+ spin_unlock(&sb_lock);
}

```

static struct proc_dir_entry *proc_create(struct proc_dir_entry **parent,

diff --git a/fs/proc/internal.h b/fs/proc/internal.h

index 1820eb2..1b2b6c6 100644

--- a/fs/proc/internal.h

+++ b/fs/proc/internal.h

@@ -78,3 +78,5 @@ static inline int proc_fd(struct inode *inode)

```

{
    return PROC_I(inode)->fd;
}

```

+

+extern struct file_system_type proc_fs_type;

diff --git a/fs/proc/root.c b/fs/proc/root.c

index ec9cb3b..1f86bb8 100644

--- a/fs/proc/root.c

+++ b/fs/proc/root.c

@@ -98,7 +98,7 @@ static void proc_kill_sb(struct super_block *sb)

```

    put_pid_ns(ns);
}

```

-static struct file_system_type proc_fs_type = {

+struct file_system_type proc_fs_type = {

```

    .name = "proc",
    .get_sb = proc_get_sb,
    .kill_sb = proc_kill_sb,

```

--

1.5.3.rc6.17.g1911

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Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
