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Subject: [PATCH 3/4] proc: Remove the unnecessary global proc\_mnt  
Posted by [ebiederm](#) on Wed, 12 Dec 2007 13:31:22 GMT

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There are no longer any users of the proc\_mnt global and having it suggests that we have a single instance of proc, so just kill it.

Signed-off-by: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

---

```
fs/proc/inode.c      | 2 --
fs/proc/root.c      | 5 ++---
include/linux/proc_fs.h | 1 -
3 files changed, 2 insertions(+), 6 deletions(-)
```

```
diff --git a/fs/proc/inode.c b/fs/proc/inode.c
```

```
index 82b3a1b..96446ac 100644
```

```
--- a/fs/proc/inode.c
```

```
+++ b/fs/proc/inode.c
```

```
@@ -71,8 +71,6 @@ static void proc_delete_inode(struct inode *inode)
    clear_inode(inode);
}
```

```
-struct vfsmount *proc_mnt;
```

```
-
```

```
static struct kmem_cache *proc_inode_cachep;
```

```
static struct inode *proc_alloc_inode(struct super_block *sb)
```

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

```
index f442967..e4b7c5a 100644
```

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

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

```
@@ -97,9 +97,8 @@ void __init proc_root_init(void)
```

```
    err = register_filesystem(&proc_fs_type);
```

```
    if (err)
```

```
        return;
```

```
- proc_mnt = kern_mount_data(&proc_fs_type, &init_pid_ns);
```

```
- err = PTR_ERR(proc_mnt);
```

```
- if (IS_ERR(proc_mnt)) {
```

```
+ err = pid_ns_prepare_proc(&init_pid_ns);
```

```
+ if (err) {
```

```
    unregister_filesystem(&proc_fs_type);
```

```
    return;
```

```
}
```

```
diff --git a/include/linux/proc_fs.h b/include/linux/proc_fs.h
```

```
index a5ab8ad..40da820 100644
```

```
--- a/include/linux/proc_fs.h
```

```
+++ b/include/linux/proc_fs.h
```

```
@@ -128,7 +128,6 @@ extern struct proc_dir_entry *create_proc_entry(const char *name,  
mode_t mode,  
    struct proc_dir_entry *parent);  
extern void remove_proc_entry(const char *name, struct proc_dir_entry *parent);
```

```
-extern struct vfsmount *proc_mnt;  
struct pid_namespace;  
extern int proc_fill_super(struct super_block *);  
extern struct inode *proc_get_inode(struct super_block *, unsigned int, struct proc_dir_entry *);  
--
```

1.5.3.rc6.17.g1911

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