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Subject: [PATCH] proc: remove useless checks in proc\_register()

Posted by [Alexey Dobriyan](#) on Thu, 15 Nov 2007 16:15:36 GMT

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Before proc\_register() all PDEs are created by proc\_create() which doesn't set ->proc\_iops and ->proc\_fops -- they're NULL. So those branches in proc\_register() always taken.

Signed-off-by: Alexey Dobriyan <[adobriyan@sw.ru](mailto:adobriyan@sw.ru)>

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fs/proc/generic.c | 15 +++++-----  
1 file changed, 5 insertions(+), 10 deletions(-)

```
--- a/fs/proc/generic.c
+++ b/fs/proc/generic.c
@@ -525,19 +525,14 @@ static int proc_register(struct proc_dir_entry * dir, struct proc_dir_entry
* dp
dp->low_ino = i;

if (S_ISDIR(dp->mode)) {
- if (dp->proc_iops == NULL) {
- dp->proc_fops = &proc_dir_operations;
- dp->proc_iops = &proc_dir_inode_operations;
- }
+ dp->proc_fops = &proc_dir_operations;
+ dp->proc_iops = &proc_dir_inode_operations;
dir->nlink++;
} else if (S_ISLNK(dp->mode)) {
- if (dp->proc_iops == NULL)
- dp->proc_iops = &proc_link_inode_operations;
+ dp->proc_iops = &proc_link_inode_operations;
} else if (S_ISREG(dp->mode)) {
- if (dp->proc_fops == NULL)
- dp->proc_fops = &proc_file_operations;
- if (dp->proc_iops == NULL)
- dp->proc_iops = &proc_file_inode_operations;
+ dp->proc_fops = &proc_file_operations;
+ dp->proc_iops = &proc_file_inode_operations;
}

spin_lock(&proc_subdir_lock);
```

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