
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>

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);
