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Subject: [PATCH 5/5][NFS] Cleanup explicit check for mandatory locks  
Posted by [Pavel Emelianov](#) on Mon, 17 Sep 2007 07:57:16 GMT  
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The \_\_mandatory\_lock(inode) macro makes the same check, but makes the code more readable.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>  
Cc: Trond Myklebust <trond.myklebust@fys.uio.no>

---

fs/nfs/file.c | 3 +-  
1 files changed, 1 insertion(+), 2 deletions(-)

```
diff --git a/fs/nfs/file.c b/fs/nfs/file.c
index 73ddd2e..7a07be1 100644
--- a/fs/nfs/file.c
+++ b/fs/nfs/file.c
@@ -605,8 +605,7 @@ static int nfs_lock(struct file *filp, i
 nfs_inc_stats(inode, NFSIOS_VFSLOCK);

 /* No mandatory locks over NFS */
- if ((inode->i_mode & (S_ISGID | S_IXGRP)) == S_ISGID &&
-     fl->fl_type != F_UNLCK)
+ if (__mandatory_lock(inode) && fl->fl_type != F_UNLCK)
    return -ENOLCK;

 if (IS_GETLK(cmd))
```

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Subject: Re: [PATCH 5/5][NFS] Cleanup explicit check for mandatory locks  
Posted by [Trond Myklebust](#) on Mon, 17 Sep 2007 17:03:40 GMT  
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On Mon, 2007-09-17 at 11:57 +0400, Pavel Emelyanov wrote:  
> The \_\_mandatory\_lock(inode) macro makes the same check, but  
> makes the code more readable.

Could we please avoid using underscores in macros. Also, why are we breaking the usual convention of capitalising macro names?

Cheers  
Trond

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>  
> Cc: Trond Myklebust <trond.myklebust@fys.uio.no>  
>

```
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>   return -ENOLCK;
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> if (IS_GETLK(cmd))
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```

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Subject: Re: [PATCH 5/5][NFS] Cleanup explicit check for mandatory locks

Posted by [Pavel Emelianov](#) on Tue, 18 Sep 2007 06:20:08 GMT

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Trond Myklebust wrote:

> On Mon, 2007-09-17 at 11:57 +0400, Pavel Emelyanov wrote:  
>> The \_\_mandatory\_lock(inode) macro makes the same check, but  
>> makes the code more readable.  
>  
> Could we please avoid using underscores in macros. Also, why are we  
> breaking the usual convention of capitalising macro names?

Sorry, I've forgot to change all the log - this is not a macro,  
but a static inline function. The underscores are here, because  
the mandatory\_lock() one already exists and additionally checks  
for "if (IS\_MANDLOCK(inode))"

Thanks,  
Pavel

> Cheers  
> Trond  
>  
>> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>  
>> Cc: Trond Myklebust <trond.myklebust@fys.uio.no>  
>>

```
>> ---
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>> + if (__mandatory_lock(inode) && fl->fl_type != F_UNLCK)
>>   return -ENOLCK;
>>
>> if (IS_GETLK(cmd))
>>
>
>
```

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Subject: Re: [PATCH 5/5][NFS] Cleanup explicit check for mandatory locks  
Posted by [Trond Myklebust](#) on Tue, 18 Sep 2007 13:27:15 GMT

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On Tue, 2007-09-18 at 10:20 +0400, Pavel Emelyanov wrote:

> Trond Myklebust wrote:

> > On Mon, 2007-09-17 at 11:57 +0400, Pavel Emelyanov wrote:

> >> The \_\_mandatory\_lock(inode) macro makes the same check, but  
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> >

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>

> Sorry, I've forgot to change all the log - this is not a macro,  
> but a static inline function. The underscores are here, because  
> the mandatory\_lock() one already exists and additionally checks  
> for "if (IS\_MANDLOCK(inode))"

OK. I withdraw my objection then.

Cheers  
Trond

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