
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))
```

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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```

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:
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>
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> 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))
>>
>
>
```

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:

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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
