
Subject: Re: [PATCH 1/2] Documentation: move mandatory locking documentation to filesystems/

Posted by [Randy Dunlap](#) on Tue, 25 Sep 2007 17:12:40 GMT

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On Tue, 25 Sep 2007 12:55:51 -0400 J. Bruce Fields wrote:

> Shouldn't this mandatory-locking documentation be in the
> Documentation/filesystems directory?

Agreed.

> Give it a more descriptive name while we're at it, and update 00-INDEX
> with a more inclusive description of Documentation/filesystems (which
> has already talked about more than just individual filesystems).

OK.

One correction below.

Then

Acked-by: Randy Dunlap <randy.dunlap@oracle.com>

> Signed-off-by: J. Bruce Fields <bfields@citi.umich.edu>

>

> ---

>

> On Tue, Sep 18, 2007 at 01:40:16PM -0400, bfields wrote:

> > Hm. Documentation/mandatory.txt claims that it mandatory locks and

> > mmap() with MAP_SHARED exclude each other, but I can't see where that's

> > enforced. That file doesn't make any mention of the above race.

> >

> > So for now I think someone should update that file and fcntl(2) to

> > mention these problems and to recommend rather strongly against using

> > mandatory locking.

>

> Anyone have an objection if I submit these two patches to Linus for

> 2.6.24?

>

> --b.

>

> Documentation/00-INDEX | 4 +-
> Documentation/filesystems/00-INDEX | 2 +
> Documentation/filesystems/mandatory-locking.txt | 152 ++++++

> Documentation/locks.txt | 10 +-
> Documentation/mandatory.txt | 152 -----

> 5 files changed, 160 insertions(+), 160 deletions(-)

> create mode 100644 Documentation/filesystems/mandatory-locking.txt

```

> delete mode 100644 Documentation/mandatory.txt
>
> diff --git a/Documentation/00-INDEX b/Documentation/00-INDEX
> index 43e89b1..910473c 100644
> --- a/Documentation/00-INDEX
> +++ b/Documentation/00-INDEX
> @@ -145,7 +145,7 @@ fb/
> feature-removal-schedule.txt
> - list of files and features that are going to be removed.
> filesystems/
> - - directory with info on the various filesystems that Linux supports.
> + - info on the vfs and the various filesystems that Linux supports.
> firmware_class/
> - request_firmware() hotplug interface info.
> floppy.txt
> @@ -240,8 +240,6 @@ m68k/
> - directory with info about Linux on Motorola 68k architecture.
> magic-number.txt
> - list of magic numbers used to mark/protect kernel data structures.
> -mandatory.txt
> - - info on the Linux implementation of Sys V mandatory file locking.
> mca.txt
> - info on supporting Micro Channel Architecture (e.g. PS/2) systems.
> md.txt
> diff --git a/Documentation/filesystems/00-INDEX b/Documentation/filesystems/00-INDEX
> index 59db1bc..73c8e94 100644
> --- a/Documentation/filesystems/00-INDEX
> +++ b/Documentation/filesystems/00-INDEX
> @@ -52,6 +52,8 @@ iso9660.txt
> - info and mount options for the ISO 9660 (CDROM) filesystem.
> jfs.txt
> - info and mount options for the JFS filesystem.
> +mandatory

```

mandatory-locking.txt

```

> + - info on the Linux implementation of Sys V mandatory file locking.
> ncpfs.txt
> - info on Novell Netware(tm) filesystem using NCP protocol.
> ntfs.txt

```

~Randy

Phaedrus says that Quality is about caring.