



Rocky Enterprise Linux 9.2 Manual Pages on command 'removexattr.2'

C:\>man removexattr.2

REMOVEXATTR(2) Linux Programmer's Manual REMOVEXATTR(2)

NAME

removexattr, lremovexattr, fremovexattr - remove an extended attribute

SYNOPSIS

```
#include <sys/types.h>
#include <sys/xattr.h>

int removexattr(const char *path, const char *name);
int lremovexattr(const char *path, const char *name);
int fremovexattr(int fd, const char *name);
```

DESCRIPTION

Extended attributes are name:value pairs associated with inodes (files, directories, symbolic links, etc.). They are extensions to the normal attributes which are associated with all inodes in the system (i.e., the stat(2) data). A complete overview of extended attributes concepts can be found in xattr(7).

removexattr() removes the extended attribute identified by name and associated with the given path in the filesystem.

lremovexattr() is identical to removexattr(), except in the case of a symbolic link, where the extended attribute is removed from the link itself, not the file that it refers to.

fremovexattr() is identical to removexattr(), only the extended attribute is removed from the open file referred to by fd (as returned by open(2)) in place of path.

An extended attribute name is a null-terminated string. The name includes a namespace prefix; there may be several, disjoint namespaces associated with an individual inode.

RETURN VALUE

On success, zero is returned. On failure, -1 is returned and `errno` is set appropriately.

ERRORS

ENODATA

The named attribute does not exist.

ENOTSUP

Extended attributes are not supported by the filesystem, or are disabled.

In addition, the errors documented in `stat(2)` can also occur.

VERSIONS

These system calls have been available on Linux since kernel 2.4; glibc support is provided since version 2.3.

CONFORMING TO

These system calls are Linux-specific.

SEE ALSO

`getfattr(1)`, `setfattr(1)`, `getxattr(2)`, `listxattr(2)`, `open(2)`, `setxattr(2)`, `stat(2)`, `symlink(7)`, `xattr(7)`

COLOPHON

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