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

$ 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, sym?

    bolic 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 pro‐

    vided 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), sym‐

    link(7), xattr(7)

COLOPHON

    This page is part of release 5.10 of the Linux man-pages project. A description of the

    project, information about reporting bugs, and the latest version of this page, can be

    found at https://www.kernel.org/doc/man-pages/.

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