Rocky Enterprise Linux 9.2 Manual Pages on command 'inotify_init1.2'

$ man inotify_init1.2

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

NAME

   inotify_init, inotify_init1 - initialize an inotify instance

SYNOPSIS

   #include <sys/inotify.h>

   int inotify_init(void);

   int inotify_init1(int flags);

DESCRIPTION

   For an overview of the inotify API, see inotify(7).

   inotify_init() initializes a new inotify instance and returns a file descriptor associated

   with a new inotify event queue.

   If flags is 0, then inotify_init1() is the same as inotify_init(). The following values

   can be bitwise ORed in flags to obtain different behavior:

   IN_NONBLOCK

       Set the O_NONBLOCK file status flag on the open file description (see open(2)) re?

       ferred to by the new file descriptor. Using this flag saves extra calls to fc?

       ntl(2) to achieve the same result.

   IN_CLOEXEC

       Set the close-on-exec (FD_CLOEXEC) flag on the new file descriptor. See the de?

       scription of the O_CLOEXEC flag in open(2) for reasons why this may be useful.

RETURN VALUE

   On success, these system calls return a new file descriptor. On error, -1 is returned,

   and errno is set to indicate the error.

ERRORS

      EINVAL (inotify_init1()) An invalid value was specified in flags.

      EMFILE The user limit on the total number of inotify instances has been reached.

      EMFILE The per-process limit on the number of open file descriptors has been reached.

      ENFILE The system-wide limit on the total number of open files has been reached.

      ENOMEM Insufficient kernel memory is available.

VERSIONS

      inotify_init() first appeared in Linux 2.6.13; library support was added to glibc in ver‐

      sion 2.4. inotify_init1() was added in Linux 2.6.27; library support was added to glibc

      in version 2.9.

CONFORMING TO

      These system calls are Linux-specific.

SEE ALSO

      inotify_add_watch(2), inotify_rm_watch(2), inotify(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/.

Linux   2020-04-11   INOTIFY_INIT(2)