Pipe()

#include <unistd.h>

int pipe(int pipefd[2]);

The array pipefd is used to return two file descriptors referring to the ends of the pipe.

pipefd[0] refers to the read end of the pipe.

pipefd[1] refers to the write end of the pipe.

Data written to the write end of the pipe is buffered by the kernel until it is read from the read end of the pipe.

On success, zero is returned. On error, -1 is returned

ERRORS

EFAULT pipefd is not valid.

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.

ENFILE The user hard limit on memory that can be allocated for pipes has been reached and the caller is not privileged

mkfifo

mkfifo [OPTION] NAME

Create named pipes

Arguments:

-m, --mode=MODE

set file permission bits to MODE, not a=rw – umask

-Z set the SELinux security context to default type

--context[=CTX]

like -Z, or if CTX is specified then set the SELinux or SMACK

security context to CTX

--help display this help and exit

--version

output version information and exit