

NAME

closedir – close a directory

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

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

```
#include <dirent.h>
```

```
int closedir(DIR *dirp);
```

DESCRIPTION

The **closedir()** function closes the directory stream associated with *dirp*. A successful call to **closedir()** also closes the underlying file descriptor associated with *dirp*. The directory stream descriptor *dirp* is not available after this call.

RETURN VALUE

The **closedir()** function returns 0 on success. On error, *-1* is returned, and *errno* is set to indicate the error.

ERRORS**EBADF**

Invalid directory stream descriptor *dirp*.

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
closedir()	Thread safety	MT-Safe

STANDARDS

POSIX.1-2008.

HISTORY

POSIX.1-2001, SVr4, 4.3BSD.

SEE ALSO

close(2), **opendir(3)**, **readdir(3)**, **rewinddir(3)**, **scandir(3)**, **seekdir(3)**, **telldir(3)**