

NAME

`closedir` – close a directory

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 appropriately.

ERRORS**EBADF**

Invalid directory stream descriptor `dirp`.

ATTRIBUTES

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

Interface	Attribute	Value
<code>closedir()</code>	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, SVr4, 4.3BSD.

SEE ALSO

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

COLOPHON

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