

# closedir(3) - Linux man page

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## 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*.

## Conforming to

SVr4, POSIX.1-2001, 4.3BSD.

## See Also

[close\(2\)](#), [opendir\(3\)](#), [readdir\(3\)](#), [rewinddir\(3\)](#), [scandir\(3\)](#), [seekdir\(3\)](#), [telldir\(3\)](#)

## Referenced By

[dirfd\(3\)](#), [explain\(1\)](#), [explain\(3\)](#), [explain\\_closedir\(3\)](#), [explain\\_closedir\\_or\\_die\(3\)](#)