

**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\(3\)](#)

**COLOPHON**

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