

closedir() — Close a Directory

Standards

Standards / Extensions	C or C++	Dependencies
POSIX.1 XPG4 XPG4.2 Single UNIX Specification, Version 3	both	

Format

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

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

General Description

Closes the directory indicated by *dir*. It frees the buffer that `readdir()` uses when reading the directory stream.

Returned Value

If successful, `closedir()` returns 0.

If unsuccessful, `closedir()` returns -1 and sets `errno` to one of the following values:

Error Code

Description

EBADF

dir does not refer to an open directory stream.

EINTR

`closedir()` was interrupted by a signal. The directory may or may not be closed.