

NAME

dlerror – obtain error diagnostic for functions in the dlopen API

LIBRARY

Dynamic linking library (*libdl*, *-ldl*)

SYNOPSIS

```
#include <dlfcn.h>
```

```
char *dlerror(void);
```

DESCRIPTION

The **dlerror()** function returns a human-readable, null-terminated string describing the most recent error that occurred from a call to one of the functions in the dlopen API since the last call to **dlerror()**. The returned string does *not* include a trailing newline.

dlerror() returns NULL if no errors have occurred since initialization or since it was last called.

ATTRIBUTES

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

Interface	Attribute	Value
dlerror()	Thread safety	MT-Safe

STANDARDS

POSIX.1-2008.

HISTORY

glibc 2.0. POSIX.1-2001.

SunOS.

NOTES

The message returned by **dlerror()** may reside in a statically allocated buffer that is overwritten by subsequent **dlerror()** calls.

EXAMPLES

See **dlopen(3)**.

SEE ALSO

dladdr(3), **dlinfo(3)**, **dlopen(3)**, **dlsym(3)**