

**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.

**VERSIONS**

**dlerror()** is present in glibc 2.0 and later.

**ATTRIBUTES**

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

Interface	Attribute	Value
<b>dlerror()</b>	Thread safety	MT-Safe

**STANDARDS**

POSIX.1-2001.

**NOTES**

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

**History**

This function is part of the dlopen API, derived from SunOS.

**EXAMPLES**

See **dlopen(3)**.

**SEE ALSO**

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