

NAME

`dlderror` – obtain error diagnostic for functions in the `dlopen` API

SYNOPSIS

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

```
char *dlderror(void);
```

Link with `-ldl`.

DESCRIPTION

The `dlderror()` 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 `dlderror()`. The returned string does *not* include a trailing newline.

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

VERSIONS

`dlderror()` 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 |
|-------------------------|---------------|---------|
| <code>dlderror()</code> | Thread safety | MT-Safe |

CONFORMING TO

POSIX.1-2001.

NOTES

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

History

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

EXAMPLE

See [dlopen\(3\)](#).

SEE ALSO

[dladdr\(3\)](#), [dldinfo\(3\)](#), [dlopen\(3\)](#), [dlsym\(3\)](#)

COLOPHON

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