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***Rocky Enterprise Linux 9.2 Manual Pages on command 'dlerror.3'***

**\$ man dlerror.3**

DLERROR(3)                      Linux Programmer's Manual                      DLERROR(3)

**NAME**

dlerror - obtain error diagnostic for functions in the dlopen API

**SYNOPSIS**

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

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

Link with -ldl.

**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 new? line.

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 ?

??

?dlerror() ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

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)`

## COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.