

dlfcn.h - Man Page

dynamic linking

Prolog

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

Synopsis

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

Description

The *<dlfcn.h>* header shall define at least the following symbolic constants for use in the construction of a *dlopen()* *mode* argument:

RTLD_LAZY

Relocations are performed at an implementation-defined time.

RTLD_NOW

Relocations are performed when the object is loaded.

RTLD_GLOBAL

All symbols are available for relocation processing of other modules.

RTLD_LOCAL

All symbols are not made available for relocation processing by other modules.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

```
int    dlclose(void *);
char   *dlerror(void);
void   *dlopen(const char *, int);
void   *dlsym(void *restrict, const char *restrict);
```

The following sections are informative.

Application Usage

None.

Rationale

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Future Directions

None.

See Also

The System Interfaces volume of POSIX.1-2017, [dlclose\(\)](#), [dlerror\(\)](#), [dlopen\(\)](#), [dlsym\(\)](#)

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Referenced By

[dlclose\(3p\)](#), [dlerror\(3p\)](#), [dlopen\(3p\)](#), [dlsym\(3p\)](#).

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