

NAME

dlfcn.h - dynamic linking

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

None.

FUTURE DIRECTIONS

None.

SEE ALSO

XSH [`dlclose`](#), [`dlerror`](#), [`dlopen`](#), [`dlsym`](#)

CHANGE HISTORY

First released in Issue 5.

Issue 6

The **restrict** keyword is added to the prototype for [dlsym\(\)](#).

Issue 7

The <dlfcn.h> header is moved from the XSI option to the Base.

This reference page is clarified with respect to macros and symbolic constants.

End of informative text.

[return to top of page](#)

UNIX ® is a registered Trademark of The Open Group.
POSIX ™ is a Trademark of The IEEE.
Copyright © 2001-2018 IEEE and The Open Group, All Rights Reserved
[[Main Index](#) | [XBD](#) | [XSH](#) | [XCU](#) | [XRAT](#)]

[<<< Previous](#)

[Home](#)

[Next >>>](#)
