



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ndbm.h.0p' command

\$ man ndbm.h.0p

ndbm.h(0P) POSIX Programmer's Manual ndbm.h(0P)

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.

NAME

ndbm.h ? definitions for ndbm database operations

SYNOPSIS

```
#include <ndbm.h>
```

DESCRIPTION

The <ndbm.h> header shall define the datum type as a structure, which shall include at least the following members:

void *dptr A pointer to the application's data.

size_t dsize The size of the object pointed to by dptr.

The <ndbm.h> header shall define the size_t type as described in <std?def.h>.

The <ndbm.h> header shall define the DBM type.

The <ndbm.h> header shall define the following symbolic constants as possible values for the store_mode argument to dbm_store():

DBM_INSERT Insertion of new entries only.

DBM_REPLACE Allow replacing existing entries.

The following shall be declared as functions and may also be defined as

macros. Function prototypes shall be provided.

```
int dbm_clearerr(DBM *);  
void dbm_close(DBM *);  
int dbm_delete(DBM *, datum);  
int dbm_error(DBM *);  
datum dbm_fetch(DBM *, datum);  
datum dbm_firstkey(DBM *);  
datum dbm_nextkey(DBM *);  
DBM *dbm_open(const char *, int, mode_t);  
int dbm_store(DBM *, datum, datum, int);
```

The `<ndbm.h>` header shall define the `mode_t` type through `typedef`, as described in `<sys/types.h>`.

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`<stddef.h>`, `<sys/types.h>`

The System Interfaces volume of POSIX.1-2017, `dbm_clearerr()`

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