

Op:ndbm.h

ndbm.h - definitions for ndbm database operations

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

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DESCRIPTION

The `<ndbm.h>` header shall define the `datum` type as a structure that includes 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 `size_t` type shall be defined as described in `<stddef.h>` .

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

The following constants shall be defined 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 `mode_t` type shall be defined through `typedef` as described in `<sys/types.h>` .

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

RELATED

`<stddef.h>` , `<sys/types.h>` , the System Interfaces volume of IEEE Std 1003.1-2001, `dbm_clearerr()`

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