

BREAD(3)

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Chapter 1

SYNOPSIS

```
#include <ubf.h>
```

```
int Bread (UBFH *p_ub, FILE *inf);
```

Link with *-lubf -lnstd -lm -lpthread*

Chapter 2

DESCRIPTION

Bread() function reads the buffer from input stream (*inf*). Buffer is restored into *p_ub*. The used/free space is updated accordingly. The buffer format is in machine architecture dependent (LSB/MSB, integer size). The *p_fb* shall have enough space allocated before this function call.

Chapter 3

RETURN VALUE

On success, **Bread()** return zero; on error, -1 is returned, with **Berror** set to indicate the error.

Chapter 4

ERRORS

Note that **Bsterror()** returns generic error message plus custom message with debug info from last function call.

BALIGNERR Corrupted buffer or pointing to not aligned memory area.

BNOTFLD Buffer not fielded, not correctly allocated or corrupted.

BEINVAL *inf* is NULL.

BEUNIX Failed to read from stream.

Chapter 5

EXAMPLE

See `ubftest/test_readwrite.c` for sample code.

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

Bfprint(3) Bprint(3) Bwrite(3) Bwritecb(3) ud(8) Bextread(3)

Chapter 8

COPYING

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