

**BREAD(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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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

Read 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.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

## Chapter 7

## SEE ALSO

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

## **Chapter 8**

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