

# BWRITECB(3)

<b>REVISION HISTORY</b>
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## Chapter 1

# SYNOPSIS

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

```
int Bwritecb (UBFH *p_ub, long (*p_wrtf)(char *buffer, long bufsz, void *dataptr1), void *dataptr1);
```

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

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## Chapter 2

# DESCRIPTION

Transfer UBF buffer presented by *p\_ub* to callback function set by *p\_writef*. The callback function accepts *buffer* which contains UBF buffer, the *bufsz* contains the number of bytes in buffer. The *dataptr1* from main function is forwarded to callback, so that customer user pointer can be passed to callback. The callback must return number of bytes written, which for case of success must be equal to the *bufsz* passed to callback function. Otherwise error will be generated. In case if callback fails, -1 shall be returned to callback function. Currently the whole buffer is present in single write callback, but this subject of change in future.

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## Chapter 3

# RETURN VALUE

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

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## 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** *p\_writef* is NULL.

**BEUNIX** Failed to read from stream.

**BNOSPACE** No space in *p\_ub*.

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## Chapter 5

# EXAMPLE

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

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## Chapter 6

# BUGS

Report bugs to [support@mavimax.com](mailto:support@mavimax.com)

## Chapter 7

### SEE ALSO

**Bfprint(3) Bprint(3) Bread(3) Breadcb(3) ud(8) Bextread(3)**

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## **Chapter 8**

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