

**BFPRINTCB(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
int Bfprintcb (UBFH p_ub, int (p_writef)(char *buffer, long datalen, void *dataptr1), void *dataptr1);
```

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

---

## Chapter 2

# DESCRIPTION

Function prints the *p\_ub* buffer content to callback function *p\_writef*. The format of the output is "<FIELD><TAB><VALUE><NEW\_LINE>". The **BFLD\_CARRAY** fields are printed in the way that non readable characters are printed in hex-decimal format, prefixed with \. If value contains \ char, then it is printed as \\. Example:

```
T_SHORT_FLD      1765
T_LONG_FLD       3333111
T_LONG_FLD       2
T_CHAR_FLD       A
T_FLOAT_FLD      1.33000
T_DOUBLE_FLD     1111.220000
T_DOUBLE_FLD     333.000000
T_DOUBLE_FLD     444.000000
T_STRING_FLD     HELLO WORLD
T_CARRAY_FLD     \00\01\02\03HELLO BINARY\04\05\00
```

The callback receives *buffer* parameter with ASCII chars to print. The *datalen* indicates the data length in the *buffer*, this includes a newline and EOS byte. *dataptr1* is forwarded from the main **Bfprintcb()** call.

## Chapter 3

# RETURN VALUE

On success, **Bfprintcb()** 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** *outf* is NULL.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**Bfprint(3) Bextread(3) Bprint(3) Bread(3) Bwrite(3)**

## **Chapter 8**

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