

**BFPRINT(3)**

| REVISION HISTORY |      |             |      |
|------------------|------|-------------|------|
| NUMBER           | DATE | DESCRIPTION | NAME |
|                  |      |             |      |

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## Chapter 1

# SYNOPSIS

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

```
int Bfprint (UBFH *p_ub, FILE *outf);
```

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

---

## Chapter 2

# DESCRIPTION

Function prints the *p\_ub* buffer content to io stream at *outf*. 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
```

## Chapter 3

# RETURN VALUE

On success, **Bfprint()** 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

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

## **Chapter 8**

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