

BFPRINTCB(3)

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

Contents

| | | |
|----------|---------------------|----------|
| 1 | SYNOPSIS | 1 |
| 2 | DESCRIPTION | 2 |
| 3 | RETURN VALUE | 3 |
| 4 | ERRORS | 4 |
| 5 | EXAMPLE | 5 |
| 6 | BUGS | 6 |
| 7 | SEE ALSO | 7 |
| 8 | COPYING | 8 |

Chapter 1

SYNOPSIS

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

```
int Bfprintcb (UBFH p_ub, int (p_wrotef)(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_writetf*. 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.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

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

Chapter 8

COPYING

© Mavimax, Ltd