

BBOOLEV(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 Bboolev (UBFH *p_ub, char *tree);
```

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

Chapter 2

DESCRIPTION

Evaluate compiled boolean expression in *tree* against UBF buffer in *p_ub*.

Chapter 3

RETURN VALUE

On success, **Bboolev()** and result is TRUE, then **1** is returned. ON success but statement is FALSE, then **0** is returned. 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.

BNOTFLD *p_ub* is not fielded buffer or argument NULL.

BEINVAL *tree* parameter is NULL.

BALIGNERR Corrupted buffer or pointing to not aligned memory area.

BNOTFLD Buffer not fielded, not correctly allocated or corrupted.

BBADFLD Invalid field id passed.

BNOTPRES Field not present.

FMALLOC Malloc failed.

BSYNTAX Synax error in script.

BBADNAME Bad field name specified.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

Bboolco(3) **Bfloatev(3)** **Btreefree(3)**

Chapter 8

COPYING

© Mavimax, Ltd