

**BBOOLEV(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## 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 expresion 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.

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## Chapter 4

# ERRORS

Note that **Bsterror()** returns generic error message plus custom message with debug info from last function call.

**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 [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

## Chapter 7

# SEE ALSO

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

## **Chapter 8**

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