

**BALLOC(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>RETURN VALUE</b>	<b>3</b>
<b>4</b>	<b>ERRORS</b>	<b>4</b>
<b>5</b>	<b>EXAMPLE</b>	<b>5</b>
<b>6</b>	<b>BUGS</b>	<b>6</b>
<b>7</b>	<b>SEE ALSO</b>	<b>7</b>
<b>8</b>	<b>COPYING</b>	<b>8</b>

## Chapter 1

# SYNOPSIS

`#include <ubf.h>`

`UBFH * Balloc (BFLDOCC f, BFLDLEN v);`

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

## Chapter 2

# DESCRIPTION

Allocates UBF buffer to store the number of fields of  $f$  with total data storage in bytes of  $v$ . The  $v$  must also include the size for terminating zero bytes for strings if any string is added to buffer.

## Chapter 3

# RETURN VALUE

On success, **Balloc()** returns pointer to UBF buffer; on error, NULL 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.

**BEINVAL** The total size of bigger than **MAXUBFLEN**.

**BMALLOC** Malloc failed.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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

## Chapter 7

# SEE ALSO

**Bfree(3) Brealloc(3) Binit(3) Bneeded(3)**

## **Chapter 8**

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