

# BALLOC(3)

<b>REVISION HISTORY</b>
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## Chapter 1

# SYNOPSIS

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

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

```
Link with -lubf -lnstd -lm -lpthread
```

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## 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.

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## Chapter 3

# RETURN VALUE

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

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## 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)**

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## **Chapter 8**

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