

# REALLOC(3)

<b>REVISION HISTORY</b>
-------------------------

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 * Brealloc (UBFH *p_ub, BFLDOCC f, BFLDLEN v);
```

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

---

## Chapter 2

# DESCRIPTION

Reallocates UBF buffer to store the number of fields of  $f$  with total data length of  $v$  bytes, length must include zero terminator byte for strings.

---

## Chapter 3

# RETURN VALUE

On success, **Brealloc()** 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** Buffer is shorter than currently bytes used, or the total size of bigger than **MAXUBFLEN**.

**BMALLOC** Malloc failed.

---

## 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) Balloc(3) Binit(3) Bused(3) Bneeded(3)**

---

## **Chapter 8**

# **COPYING**

© Mavimax, Ltd

---