

**BFIND(3)**

| REVISION HISTORY |      |             |      |
|------------------|------|-------------|------|
| NUMBER           | DATE | DESCRIPTION | NAME |
|                  |      |             |      |

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## Chapter 1

# SYNOPSIS

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

```
char * Bfind (UBFH *p_ub, BFLDID bfldid, BFLDOCC occ, BFLDLEN *p_len);
```

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

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## Chapter 2

# DESCRIPTION

Function on success returns pointer to data field present in UBF buffer. *p\_ub* is pointer to UBF buffer, *bfdid* is field id, *occ* is field occurrence at buffer, which needs to be found. *p\_len* is output parameter for indicating the type length in bytes. Then *len* is optional. Note that pointer to field is valid only that time while the buffer is not changed. If changes occur, then returned pointer might become invalid (point wrong data area).

## Chapter 3

# RETURN VALUE

On success, **Bfind()** non NULL value is returned; 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.

**BALIGNERR** Corrupted buffer or pointing to not aligned memory area.

**BNOTFLD** Buffer not fielded, not correctly allocated or corrupted.

**BNOTPRES** Field not present.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**Bchg(3) Badd(3) CBadd(3) CBfind(3) Bfindlast(3)**

## **Chapter 8**

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