

## CBFIND(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>
```

```
char * CBfind (UBFH *p_ub, BFLDID bfldid, BFLDOCC occ, BFLDLEN *len, int usrtype);
```

```
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, converted to user type specified in *usrtype*. *p\_ub* is pointer to UBF buffer, *bfdid* is field id, *occ* is field occurrence at buffer, which needs to be found. *len* is output paramter for indicating the type length in bytes. Then *len* is optional. Returned pointer is valid only until next UBF operation call, as the converted value is stored in thread local storage used for varous UBF operations.

## Chapter 3

# RETURN VALUE

On success, **CBfind()** return zero; on error, -1 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.

**BMALLOC** Failed to allocate type conversion buffer.

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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) Bfind(3) CBfindocc(3) CBfindlast(3)**

## **Chapter 8**

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