

CBFINDOCC(3)

REVISION HISTORY

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Chapter 1

SYNOPSIS

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

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

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

Chapter 2

DESCRIPTION

Function on success returns the occurrence of the field found in *p_ub* buffer. The value is searched by *buf/len* pair converted from user type specified in *usrtype*. *p_ub* is pointer to UBF buffer, *bfdid* is field id, *len* is input parameter for indicating the user type length in bytes. Then *len* is mandatory only for **BFLD_CARRAY** fields.

Function basically is the same as **Bfindocc(3)**, only this version includes user type conversion to buffer type before compare.

Chapter 3

RETURN VALUE

On success, **CBfindocc()** return occurrence where the value is found; 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.

BTYPERR Invalid user type.

BEINVAL *buf* is NULL.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

Bchg(3) Badd(3) CBadd(3) Bfind(3) Bfindocc(3)

Chapter 8

COPYING

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