

**CBFINDOCC(3)**

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

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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
```

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## 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, *bflidid* is field id, *len* is input paramter 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.

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## 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.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

# Chapter 7

# SEE ALSO

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

## **Chapter 8**

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