

**CBFIND(3)**

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

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## Chapter 1

# SYNOPSIS

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

```
char * Bfinds (UBFH *p_ub, BFLDID bfldid, BFLDOCC occ);
```

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

## Chapter 2

# DESCRIPTION

Function on success returns pointer to data field present in UBF buffer, converted to **BFLD\_STRING**. *p\_ub* is pointer to UBF buffer, *bfldid* is field id, *occ* is field occurrence at buffer, which needs to be found. Returned pointer is valid only until next UBF operation call, as the converted value is stored in thread local storage used for various UBF operations.

The function in practice invokes **CBfind(3)** with user type **BFLD\_STRING** and len set to NULL.

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## Chapter 3

# RETURN VALUE

On success, **Bfinds()** 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_macro.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) Bfindlast(3)**

## **Chapter 8**

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