

**BFINDOCC(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
BFLDOCC Bfindocc (UBFH *p_ub, BFLDID bfldid, char *buf, BFLDLEN len);
```

```
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 which value matches the field value. *p\_ub* is pointer to UBF buffer, *bflid* is field id to search for, *len* is input paramter for indicating the *but* length in bytes. Then *len* is mandatory only for **BFLD\_CARRAY** fields.

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## Chapter 3

# RETURN VALUE

On success, **Bfindocc()** 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.

**BEINVAL** *buf* is NULL.

**BBADFLD** invalid field passed in (type incorrect).

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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) CBfindocc(3)**

## **Chapter 8**

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