

**BADD(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
int Badd (UBFH *p_ub, BFLDID bfl did, char *buf, BFLDLEN len);
```

Link with *-lubf -lnstd -lm -lpthread*

---

## Chapter 2

# DESCRIPTION

Add field to UBF buffer. The UBF buffer pointer is passed by *p\_ub*, field id in *bflidid*. The user value is passed in *buf*. The *len* is used only if filed type is **BFLD\_CARRAY**, for which length cannot be detected from passed data. The data type for *buf* must batch with *bflidid* type.

## Chapter 3

# RETURN VALUE

On success, **Badd()** 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.

**BNOSPACE** No space in buffer for string data.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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

# Chapter 7

# SEE ALSO

CBchg(3) Bdel(3) Badd(3) Bchg(3) CBadd(3)

## **Chapter 8**

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