

CBADD(3)

| REVISION HISTORY | | | |
|------------------|------|-------------|------|
| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

SYNOPSIS

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

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

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

Chapter 2

DESCRIPTION

Add field to UBF buffer by converting given user type *usrtype* to buffer field's type (see **BFLD_*** types). The UBF buffer pointer is passed by *p_ub*, field id in *bfldid*. The user field value is passed in *buf*. The *len* is used only if *usrtype* is **BFLD_CARRAY**, for which length cannot be detected from passed data.

Chapter 3

RETURN VALUE

On success, **CBadd()** 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.

BMALLOC Failed to allocate type conversion buffer.

Chapter 5

EXAMPLE

See `ubftest/ubfunit1.c` for sample code.

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

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

Chapter 8

COPYING

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