

**BADD(3)**

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

# Contents

|          |                     |          |
|----------|---------------------|----------|
| <b>1</b> | <b>SYNOPSIS</b>     | <b>1</b> |
| <b>2</b> | <b>DESCRIPTION</b>  | <b>2</b> |
| <b>3</b> | <b>RETURN VALUE</b> | <b>3</b> |
| <b>4</b> | <b>ERRORS</b>       | <b>4</b> |
| <b>5</b> | <b>EXAMPLE</b>      | <b>5</b> |
| <b>6</b> | <b>BUGS</b>         | <b>6</b> |
| <b>7</b> | <b>SEE ALSO</b>     | <b>7</b> |
| <b>8</b> | <b>COPYING</b>      | <b>8</b> |

## Chapter 1

# SYNOPSIS

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

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

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

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## Chapter 2

# DESCRIPTION

Add field to UBF buffer. The UBF buffer pointer is passed by *p\_ub*, field id in *bfl did*. 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 *bfl did* 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 [support@mavimax.com](mailto:support@mavimax.com)

# Chapter 7

# SEE ALSO

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

## **Chapter 8**

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