

**BGETS(3)**

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

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## Chapter 1

# SYNOPSIS

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

```
int Bgets (UBFH *p_ub, BFLDID bfldid, BFLDOCC occ, char *buf);
```

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

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## Chapter 2

# DESCRIPTION

Function is used to get field data from UBF buffer. *p\_ub* is pointer to UBF buffer, *bflidid* is field id, *occ* is field occurrence at buffer, which needs to be read. *buf* is buffer where to output the data, data is automatically converted to **BFDL\_STRING**. It is assumed that space in *buf* is large enough to store the value.

This is macro function and it invokes **CBget(3)** with field type **BFLD\_STRING** and length 0.

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## Chapter 3

# RETURN VALUE

On success, **Bgets()** 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 *buf*.

**BMALLOC** Failed to allocate type conversion buffer.

**BBADFLD** Invalid field id passed.

**BNOTPRES** Field not present.

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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) Bget(3) CBget(3)**

## **Chapter 8**

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