BGET(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SYNOPSIS

#include <ubf.h>

int Bget (UBFH *p_ub, BFLDID bfldid, BFLDOCC occ, char *buf, BFLDLEN *buflen);

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

Chapter 2

DESCRIPTION

Function is used to get field data from UBF buffer. *p_ub* is pointer to UBF buffer, *bfldid* is field id, *occ* is field occurrence at buffer, which needs to be read. *buf* is buffer where to output the data. *len* is used as **input** for indicating the lenght of the bytes for the target buffer (*buf*). If the data is larger than *len* inidicated, then error of **BNOSPACE**. Then *len* is optional. If set to NULL, then no such checks are made. *len* is used for **BFLD_STRING** and **BFLD_CARRAY**. On output *len* (if not NULL), indicates the length of data loaded in bytes. *buf* pointed data type must match the field type in buffer.

Chapter 3

RETURN VALUE

On success, **Bget()** return zero; on error, -1 is returned, with **Berror** set to indicate the error.

Chapter 4

ERRORS

Note that **Bstrerror**() 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*.

BBADFLD Invalid field id passed.

BNOTPRES Field not present.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

Bchg(3) Badd(3) CBadd(3) CBget(3)

Chapter 8

COPYING