

BTYPCVT(3)

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

SYNOPSIS

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

```
char * Btypcvt (BFLDLEN *to_len, int to_type, char *from_buf, int from_type, BFLDLEN from_len);
```

```
Link with -lubf -lnstd -lm -lpthread
```

Chapter 2

DESCRIPTION

Convert the data from *from_buf/from_type/from_len* triplet to type in *to_type*. The length is returned in *to_len*. Length is mandatory for **BFLD_CARRAY** types, for others they can be NULL. Function returns the pointer to data block, which is malloced by this function.

The memory allocated by this function user shall free with standard **free()** system call.

Chapter 3

RETURN VALUE

On success, **Btypcvt()** return pointer to allocated memory with converted data; on error, NULL 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.

BTYPERR Invalid from/to type specified.

BEINVAL *from_buf* is NULL.

BMALLOC Failed to allocate type conversion buffer.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

CBget(3) **CBchg(3)**

Chapter 8

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