

**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*

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## 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.

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## 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.

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## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

## Chapter 7

## SEE ALSO

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

## **Chapter 8**

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