

**BINIT(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
int Binit (UBFH *p_ub, BFLDLEN len);
```

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

## Chapter 2

# DESCRIPTION

Initialise UBF buffer manually. Normally **tpalloc(3)** does this. But it is possible to make other buffers than XATMI to function as UBF. *p\_ub* is pointer to memory block, *len* is memory size in bytes.

For example:

```
char buf[1024];
UBFH *p_ub = (UBFH *)buf;

if (0!=Binit(p_ub, sizeof(buf)))
{
    fprintf(stderr, "Failed to Binit: %s\n", Bstrerror(Berror));
}
```

## Chapter 3

# RETURN VALUE

On success, **Binit()** 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.

**BNOTFLD** *p\_ub* is NULL.

**BNOSPACE** No space in buffer for string data. The **sizeof(UBF\_header\_t)** is minimum size of buffer.

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## Chapter 5

# EXAMPLE

See `ubftest/ubfunit1.c` for sample code.



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**CBinit(3) Badd(3) CBadd(3) Bget(3) CBget(3)**

## **Chapter 8**

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