

**BUPDATE(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>RETURN VALUE</b>	<b>3</b>
<b>4</b>	<b>ERRORS</b>	<b>4</b>
<b>5</b>	<b>EXAMPLE</b>	<b>5</b>
<b>6</b>	<b>BUGS</b>	<b>6</b>
<b>7</b>	<b>SEE ALSO</b>	<b>7</b>
<b>8</b>	<b>COPYING</b>	<b>8</b>

## Chapter 1

# SYNOPSIS

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

```
int Bupdate (UBFH *p_ub_dst, UBFH *p_ub_src);
```

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

## Chapter 2

# DESCRIPTION

Update destination buffer in *p\_ub\_dst* with source buffer *p\_ub\_src* values. Function will update existing fields from source buffer to destination with matching occurrences. If field does not exist or occurrence does not exists, then field will be added to given occurrence (doing Bchg(3)).

## Chapter 3

# RETURN VALUE

On success, **Bproj()** 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** Source or dest buffer corrupted or pointing to not aligned memory area.

**BNOTFLD** Source or dest buffer not fielded, not correctly allocated or corrupted.

**BNOSPACE** No space left in target buffer.

---

## Chapter 5

# EXAMPLE

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



## Chapter 6

# BUGS

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

## Chapter 7

## SEE ALSO

**Bproj(3) Binit(3) Bchg(3) Bnext(3) Bconcat(3)**

## **Chapter 8**

# **COPYING**

© ATR Baltic, SIA