

**BPROJCPY(3)**

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

# Contents

|   |              |   |
|---|--------------|---|
| 1 | SYNOPSIS     | 1 |
| 2 | DESCRIPTION  | 2 |
| 3 | RETURN VALUE | 3 |
| 4 | ERRORS       | 4 |
| 5 | EXAMPLE      | 5 |
| 6 | BUGS         | 6 |
| 7 | SEE ALSO     | 7 |
| 8 | COPYING      | 8 |

## Chapter 1

# SYNOPSIS

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

```
int Bprojcpy (UBFH *p_ub_dst, UBFH *p_ub_src, BFLDID *fdlist);
```

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

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## Chapter 2

# DESCRIPTION

This function copies fields from *p\_ub\_src* to *p\_ub\_dst* buffer. The list of field which needs to be copied is marked in *fdlist* array. The array must be terminated with **BBAFDLID**. Matched field names are copied including all it's occurrences. Before performing copy, *p\_ub\_dest* buffer is erased by *Binit(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.

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## Chapter 5

# EXAMPLE

See `ubftest/test_bproj.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)**

## **Chapter 8**

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