

**BVCPY(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>
```

```
long Bvcpy(char *cstruct_dst, char *cstruct_src, char *view)
```

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

## Chapter 2

# DESCRIPTION

Function copies memory data from VIEW/C structure instances of *cstruct\_src* to *cstruct\_dst* instance. The size to copy is taken from *view* name. Note that it is up to developer to ensure that both buffers are in correct size, otherwise memory overflow is possible and program might terminate with segmentation fault.

## Chapter 3

# RETURN VALUE

On success, **Bvcpy()** return number of bytes copied; 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.

**BEINVAL** *view* is NULL or empty, *cstruct\_src* is null or *cstruct\_dst* is null.

**BBADVIEW** View specified in *view* paramter not found.

---

## Chapter 5

# EXAMPLE

See `atmitest/test040_typedview/vaccutil.c` for sample code.



## Chapter 6

# BUGS

Report bugs to [support@mavimax.com](mailto:support@mavimax.com)

# Chapter 7

## SEE ALSO

**Bvchg(3)** **Bvsizeof(3)**

## **Chapter 8**

# **COPYING**

© Mavimax, Ltd