

**BVOCCUR(3)**

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# SYNOPSIS

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

```
BFLDOCC Bvoccur(char *cstruct, char *view, char *cname, BFLDOCC *maxocc, BFLDOCC *realocc, long *dim_size, int *fdtype);
```

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

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## Chapter 2

# DESCRIPTION

Return the occurrences set in buffer. This will either return *C* (*C\_<field>*) count field value, or will return max array size. *cstruct* is view structure instance (object). *view* is view name of which *cstruct* is instance of. *maxocc* is number of maximum possible occurrences for view field (this is basically number defined in *COUNT* column in view file). *maxocc* is optional and can be NULL. *realocc* is number of filled occurrences in array tested from the *C\_<field>* indicator position or from the end of the array. The *realocc* will return number of occurrences as number to which corresponds first non NULL element when testing from the end of the array. *realocc* is optional and can be NULL. *dim\_size* returns the number bytes takes one view field element (or field it self if count is set to 1 in view file). *fldtype* is view field type, see *BLFD\_\** constants.

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## Chapter 3

# RETURN VALUE

On success, **Bvoccu**r() returns number of field occurrences (max or set in count); on error, **-1** is returned, with **Berror** set to indicate the error.

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## Chapter 4

# ERRORS

Bsterror(3) can give more description for error (for last call).

**BEINVAL** *view* is NULL or empty, *cname* is NULL or empty, *cstruct* is null.

**BBADVIEW** *view* is not found in loaded view files (see **VIEWDIR** and **VIEWFILES** in ex\_env(3)).

**BNOCNAME** *cname* field is not present in view.

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## Chapter 5

# EXAMPLE

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

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## Chapter 6

# BUGS

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

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## **Chapter 7**

### **SEE ALSO**

**CBchg(3) Bvsetoccur(3) viewfile(5)**

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## **Chapter 8**

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