BVNEXT(3)

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SYNOPSIS

#include <ubf.h>

int Bvnext (Bvnext_state_t *state, char *view, char *cname, int *fldtype, BFLDOCC *maxocc, long *'dim_size)

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

Chapter 2

DESCRIPTION

Iterate over the given *view* structure. **Bvnext()** is called multiple times, each invoke will return next view field. To start iterate over the view *view* must be set. To continue iteration, *view* parameter must be set to NULL. *state* keeps the iterator position in the view. *cname* returns next parameter name. It is assumed that *cname* buffer size is at least **NDRX_VIEW_CNAME_LEN**+1 bytes long (257 bytes). *fldtype* returns field type (See BFLD_* constants). *fldtype* is optional and can be NULL. *maxocc* returns field array size. parameter is optional and can be NULL. *dim_size* is array element size in bytes.

Chapter 3

RETURN VALUE

On success, **Bnext()** return **1**, if End Of Buffer reached, then **0** is returned; 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.

BEINVAL *state* is NULL, *view* is NULL and *state* not initialized or *cname* is NULL.

BBADVIEW *view* not found in view files.

Chapter 5

EXAMPLE

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

Chapter 6

BUGS

Report bugs to support@mavimax.com

Chapter 7

SEE ALSO

CBvchg(3) CBvget(3) Bvsetoccur(3) Bvoccur(3) viewfile(5)

Chapter 8

COPYING