Rocky Enterprise Linux 9.2 Manual Pages on command 'XtNumber.3'

$ man XtNumber.3

XtOffset(3)   XT FUNCTIONS   XtOffset(3)

NAME

   XtOffset, XtOffsetOf, XtNumber - determine the byte offset or number of array elements

SYNTAX

   #include <X11/Intrinsic.h>

   Cardinal XtOffset(Type pointer_type, Field field_name);

   Cardinal XtOffsetOf(Type structure_type, Field field_name);

   Cardinal XtNumber(ArrayVariable array);

ARGUMENTS

   array   Specifies a fixed-size array.

   field_name

        Specifies the name of the field for which to calculate the byte offset.

   pointer_type

        Specifies a type that is declared as a pointer to the structure.

structure_type

    Specifies a type that is declared as a structure.

DESCRIPTION

The XtOffset macro is usually used to determine the offset of various resource fields from the beginning of a widget and can be used at compile time in static initializations.

The XtOffsetOf macro expands to a constant expression that gives the offset in bytes to the specified structure member from the beginning of the structure. It is normally used to statically initialize resource lists and is more portable than XtOffset, which serves the same function.

The XtNumber macro returns the number of elements in the specified argument lists, re? sources lists, and other counted arrays.

SEE ALSO

XtGetResourceList(3), XtSetArg(3)

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface