



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'XtOffset.3'***

**C:\>man XtOffset.3**

XtOffset(3)                    XT FUNCTIONS                    XtOffset(3)

### NAME

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

### SYNTAX

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, resources lists, and other counted arrays.

## SEE ALSO

`XtGetResourceList(3)`, `XtSetArg(3)`

X Toolkit Intrinsic - C Language Interface

Xlib - C Language X Interface

X Version 11

libXt 1.1.5

`XtOffset(3)`