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

$ man XtUnrealizeWidget.3

XtRealizeWidget(3)   XT FUNCTIONS   XtRealizeWidget(3)

NAME

   XtRealizeWidget, XtIsRealized, XtUnrealizeWidget - realize and unrealize widgets

SYNTAX

   #include <X11/Intrinsic.h>

   void XtRealizeWidget(Widget w);

   Boolean XtIsRealized(Widget w);

   void XtUnrealizeWidget(Widget w);

ARGUMENTS

   w   Specifies the widget.

DESCRIPTION

   If the widget is already realized, XtRealizeWidget simply returns. Otherwise, it performs

   the following:

   ?   Binds all action names in the widget's translation table to procedures (see Section

       10.1.2).

   ?   Makes a post-order traversal of the widget tree rooted at the specified widget and

       calls the change_managed procedure of each composite widget that has one or more man?

       aged children.

   ?   Constructs an XSetWindowAttributes structure filled in with information derived from

       the Core widget fields and calls the realize procedure for the widget, which adds any

       widget-specific attributes and creates the X window.

   ?   If the widget is not a subclass of compositeWidgetClass, XtRealizeWidget returns;

       otherwise, it continues and performs the following:

- Descends recursively to each of the widget's managed children and calls the re?

  alize procedures. Primitive widgets that instantiate children are responsible

  for realizing those children themselves.

- Maps all of the managed children windows that have mapped_when_managed True.

  (If a widget is managed but mapped_when_managed is False, the widget is allo?

  cated visual space but is not displayed. Some people seem to like this to indi?

  cate certain states.)

If the widget is a top-level shell widget (that is, it has no parent), and

mapped_when_managed is True, XtRealizeWidget maps the widget window.

The XtIsRealized function returns True if the widget has been realized, that is, if the

widget has a nonzero X window ID.

Some widget procedures (for example, set_values) might wish to operate differently after

the widget has been realized.

The XtUnrealizeWidget function destroys the windows of an existing widget and all of its

children (recursively down the widget tree). To recreate the windows at a later time,

call XtRealizeWidget again. If the widget was managed, it will be unmanaged automatically

before its window is freed.

SEE ALSO

XtManageChildren(3)

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface

X Version 11   libXt 1.2.1   XtRealizeWidget(3)