



Linux Ubuntu 26.04 Manual Pages on command 'XtNameToWidget.3'

\$ man XtNameToWidget.3

XtNameToWidget(3) XT FUNCTIONS XtNameToWidget(3)

NAME

XtNameToWidget, XtWindowToWidget - translating strings to widgets or widgets to windows

SYNTAX

```
#include <X11/Intrinsic.h>
```

```
Widget XtNameToWidget(Widget reference, const char *names);
```

```
Widget XtWindowToWidget(Display *display, Window window);
```

ARGUMENTS

display Specifies the display on which the window is defined.

names Specifies the fully qualified name of the desired widget.

reference Specifies the widget from which the search is to start.

window Specify the window for which you want the widget.

DESCRIPTION

The XtNameToWidget function looks for a widget whose name is the first component in the

specified names and that is a pop-up child of reference (or a normal child if reference is a subclass of `compositeWidgetClass`). It then uses that widget as the new reference and repeats the search after deleting the first component from the specified names. If it cannot find the specified widget, `XtNameToWidget` returns `NULL`.

Note that the `names` argument contains the name of a widget with respect to the specified reference widget and can contain more than one widget name (separated by periods) for widgets that are not direct children of the specified reference widget.

If more than one child of the reference widget matches the name, `XtNameToWidget` can return any of the children. The Intrinsic does not require that all children of a widget have unique names. If the specified names contain more than one component and if more than one child matches the first component, `XtNameToWidget` can return `NULL` if the single branch that it follows does not contain the named widget. That is, `XtNameToWidget` does not back up and follow other matching branches of the widget tree.

The `XtWindowToWidget` function translates the specified window and display pointer into the appropriate widget instance.

SEE ALSO

X Toolkit Intrinsic - C Language Interface

Xlib - C Language X Interface