

NAME

XtPopdown, XtCallbackPopdown - unmap a pop-up

SYNTAX

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

```
void XtPopdown(Widget popup_shell);
```

```
void XtCallbackPopdown(Widget w, XtPointer client_data, XtPointer call_data);
```

ACTIONS

```
void XtMenuPopdown(String shell_name);
```

ARGUMENTS

call_data Specifies the callback data, which is not used by this procedure.

client_data Specifies a pointer to the **XtPopdownID** structure.

popup_shell Specifies the widget shell to pop down.

shell_name Specifies the name of the widget shell to pop down.

w Specifies the widget.

DESCRIPTION

The **XtPopdown** function performs the following:

- ⊕ Calls **XtCheckSubclass** to ensure *popup_shell* is a subclass of **Shell**.
- ⊕ Checks that *popup_shell* is currently popped_up; otherwise, it generates an error.
- ⊕ Unmaps *popup_shell*'s window.
- ⊕ If *popup_shell*'s *grab_kind* is either **XtGrabNonexclusive** or **XtGrabExclusive**, it calls **XtRemoveGrab**.
- ⊕ Sets pop-up shell's popped_up field to **False**.
- ⊕ Calls the callback procedures on the shell's popdown_callback list.

The **XtCallbackPopdown** function casts the client data parameter to an **XtPopdownID** pointer:

```
typedef struct {  
    Widget shell_widget;  
    Widget enable_widget;  
} XtPopdownIDRec, *XtPopdownID;
```

The `shell_widget` is the pop-up shell to pop down, and the `enable_widget` is the widget that was used to pop it up.

XtCallbackPopdown calls **XtPopdown** with the specified `shell_widget` and then calls **XtSetSensitive** to resensitize the `enable_widget`.

If a shell name is not given, **XtMenuPopdown** calls **XtPopdown** with the widget for which the translation is specified. If a `shell_name` is specified in the translation table, **XtMenuPopdown** tries to find the shell by looking up the widget tree starting at the parent of the widget in which it is invoked. If it finds a shell with the specified name in the pop-up children of that parent, it pops down the shell; otherwise, it moves up the parent chain as needed. If **XtMenuPopdown** gets to the application top-level shell widget and cannot find a matching shell, it generates an error.

SEE ALSO

`XtCreatePopupShell(3)`, `XtPopup(3)`

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface