NAME

XtPopdown, XtCallbackPopdown – unmap a pop-up

SYNTAX

```
void XtPopdown(Widget popup_shell);
void XtCallbackPopdown(Widget w, XtPointer client_data, XtPointer call_data);
void MenuPopdown(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:

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, **MenuPopdown** calls **XtPopdown** with the widget for which the translation is specified. If a shell_name is specified in the translation table, **MenuPopdown** 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 **MenuPopdown** 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
```