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 **XtRemove-Grab**.

   •   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