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

$ man XtOpenApplication.3

XtOpenApplication(3)   XT FUNCTIONS   XtOpenApplication(3)

NAME

   XtOpenApplication, XtVaOpenApplication - initialize, open, or close a display

SYNTAX

   #include <X11/Intrinsic.h>

   Widget XtOpenApplication(XtAppContext *app_context_return, const char *application_class,

      XrmOptionDescRec *options, Cardinal num_options, int *argc_in_out, char

      **argv_in_out, String *fallback_resources, WidgetClass widget_class, ArgList args,

      Cardinal num_args);

   Widget XtVaOpenApplication(XtAppContext *app_context_return, const char *applica?

      tion_class, XrmOptionDescRec *options, Cardinal num_options, int *argc_in_out, char

      **argv_in_out, String *fallback_resources, WidgetClass widget_class, ...);

ARGUMENTS

   app_context_return

      Specifies the application context.

   application_class

      Specifies the class name of this application, which usually is the generic name

      for all instances of this application.

   options   Specifies how to parse the command line for any application-specific resources.

      The options argument is passed as a parameter to XrmParseCommand. For further

      information, see Xlib - C Language X Interface.

   num_options

      Specifies the number of entries in the options list.

argc_in_out

> Specifies a pointer to the number of command line parameters.

argv_in_out

> Specifies the command line parameters.

fallback_resources

> Specifies resource values to be used if the application class resource file can?
>
> not be opened or read, or NULL.

widget_class

> Specifies the widget class of the shell to be created.

args   Specifies the argument list to override any other resource specification for the

> created shell widget.

num_args Specifies the number of entries in the argument list.

...   Specifies the variable argument list to override any other resource specifica?

> tion for the created shell widget.

DESCRIPTION

The XtOpenApplication function calls XtToolkitInitialize followed by XtCreateApplication?

Context, then calls XtOpenDisplay with display_string NULL and application_name NULL, and

finally calls XtAppCreateShell with application_name NULL, the specified widget_class, and

the specified args and num_args and returns the created shell. The modified argc and argv

returned by XtDisplayInitialize are returned in argc_in_out and argv_in_out. If app_con?

text_return is not NULL, the created application context is also returned. If the display

specified by the command line cannot be opened, an error message is issued and XtOpen?

Application terminates the application. If fallback_resources is non-NULL, XtAppSetFall?

backResources is called with the value prior to calling XtOpenDisplay.

XtAppInitialize and XtVaAppInitialize have been superceded by XtOpenApplication and XtVa?

OpenApplication respectively.

SEE ALSO

XtAppInitialize(3), XtVaAppInitialize(3)

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface

X Version 11   libXt 1.2.1   XtOpenApplication(3)