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

C:\>man XtOpenApplication.3

XtOpenApplication(3) XT FUNCTIONS XtOpenApplication(3)

NAME

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

SYNTAX

Widget XtOpenApplication(XtAppContext *app_context_return, String applica?
tion_class, XrmOptionDescRec *options, Cardinal num_options, int
*argc_in_out, String *argv_in_out, String *fallback_resources, WidgetClass
widget_class, ArgList args, Cardinal num_args);

Widget XtVaOpenApplication(XtAppContext *app_context_return, String applica?
tion_class, XrmOptionDescRec *options, Cardinal num_options, int
*argc_in_out, String *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 re?
sources. The options argument is passed as a parameter to XrmParseCom?
mand. 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 cannot 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 specification for the created shell widget.

DESCRIPTION

The XtOpenApplication function calls XtToolkitInitialize followed by XtCreateApplicationContext, 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_context_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 XtOpenApplication terminates the application. If fallback_resources is non-NULL, XtAppSetFallbackResources is called with the value prior to calling XtOpenDisplay.

XtAppInitialize and XtVaAppInitialize have been superceded by XtOpenApplication and XtVaOpenApplication respectively.

SEE ALSO

XtAppInitialize(3), XtVaAppInitialize(3)

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface