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

$ man XtVaAppInitialize.3

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XtAppInitialize(3)              XT FUNCTIONS              XtAppInitialize(3)

NAME
       XtAppInitialize, XtVaAppInitialize - initialize, open, or close a display

SYNTAX
       #include <X11/Intrinsic.h>

       Widget XtAppInitialize(XtAppContext* app_context_return, const char *application_class,
              XrmOptionDescRec* options, Cardinal num_options, int *argc_in_out, char
              **argv_in_out, String *fallback_resources, ArgList args, Cardinal num_args);

       Widget XtVaAppInitialize(XtAppContext* app_context_return, const char *application_class,
              XrmOptionDescRec* options, Cardinal num_options, int *argc_in_out, char
              **argv_in_out, String *fallback_resources, ...);

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.

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 XtAppInitialize function calls XtToolkitInitialize followed by XtCreateApplicationCon?text, then calls XtOpenDisplay with display_string NULL and application_name NULL, and fi?nally calls XtAppCreateShell with application_name NULL, widget_class applicationShellWid?getClass, 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 XtAppInitialize terminates the application. If fallback_resources is non-NULL, XtAppSet?FallbackResources is called with the value prior to calling XtOpenDisplay.

XtAppInitialize and XtVaAppInitialize have been superceded by XtOpenApplication and XtVaOpenApplication respectively.

SEE ALSO

XtOpenApplication(3), XtVaOpenApplication(3)

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface