

## **XtInitialize – initialize**

**Widget XtInitialize**(*shell\_name*, *application\_class*, *options*, *num\_options*, *argc*, *argv*)

```
String shell_name;  
String application_class;  
XrmOptionDescRec* options;  
Cardinal num_options;  
int* argc;  
char** argv;
```

*shell\_name* Specifies the name of the created shell widget.

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

*argv* Specifies the command line parameters.

**XtInitialize** calls **XtToolkitInitialize** followed by **XtOpenDisplay** with *display\_string* NULL and *application\_name* NULL, and finally calls **XtAppCreateShell** with *application\_name* NULL, *widget\_class* **applicationShellWidgetClass**, and the specified *args* and *num\_args* and returns the created shell. The semantics of calling **XtInitialize** more than once are undefined. This routine has been replaced by **XtAppInitialize**.

*X Toolkit Intrinsics – C Language Interface*  
*Xlib – C Language X Interface*