libgolit Library Function Reference

C

This appendix lists the libgolit library functions and their usage.

GolitNameToWidget()

Retrieves the widget id for the specified widget.

```
Widget
GolitNameToWidget (Widget                    root,
                   String                    name);
```

Where:

`root`	The widget in the widget tree where you would like to begin searching for the widget of the specified name. Normally, you can just use the widget that is passed as one of the callback parameters.
`name`	The instance name of the widget for which you want to get an id.

GolitFetchLastWidgetID()

Retrieves the widget id for the last widget of the specified widget description pointer created.

```
Widget
GolitFetchLastWidgetID (GolitWidgetDescPtrwdp);
```

Where:

`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.

GolitMergeArgLists()

This function merges args that you provide with the existing args in a widget description.

```
XtVarArgsList
GolitMergeArgLists (GolitWidgetDescPtr          wdp,
                    ArgList                     override_args,
                    Cardinal                       num_args);
```

Where:

`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`override_args`	a pointer to the list of args that you want to merge in.
`num_args`	The number of args in ovveride_args.

GolitFetchWidget()

Instantiates the specified widget. It does not instantiate any children or popups.

```
Widget
GolitFetchWidget (String                        name,
                  GolitWidgetDescPtr,           wdp,
                  Widget                        parent,
                  ArgList                       args,
                  Cardinal                      num_args,
                  XtPointer                     closure);
```

Where:

`name`	The name of the widget that you want to fetch.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget you want to fetch.
`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree.

GolitFetchWidgetUnmanaged()

This function instantiates the specified widget, but does not add it to its parent's managed set. It does not instantiate any children or popups.

```
Widget
GolitFetchWidgetUnmanaged (String                name,
                    GolitWidgetDescPtr,          wdp,
                    Widget                       parent,
                    ArgList                      args,
                    Cardinal                     num_args,
                    XtPointer                    closure);
```

Where:

`name`	The name of the widget that you want to fetch.

`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget you want to fetch.
`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchChildren()

Instantiates the children of the specified widget. It does not instantiate popups.

```
Widget
GolitFetchChildren (String                      name,
                    GolitWidgetDescPtr,         wdp,
                    Widget                      parent,
                    ArgList                     args,
                    Cardinal                    num_args,
                    XtPointer                   closure);
```

Where:

`name`	The name of the widget whose children you want to fetch.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget whose children you want to fetch.

`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchChildrenUnmanaged()

Instantiates the children of the specified widget, but does not add them to the widget's managed set. It does not instantiate popups.

```
Widget
GolitFetchChildrenUnmanaged (String              name,
                   GolitWidgetDescPtr,           wdp,
                   Widget                        parent,
                   ArgList                       args,
                   Cardinal                      num_args,
                   XtPointer                     closure);
```

Where:

`name`	The name of the widget whose children you want to fetch.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget whose children you want to fetch.
`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchPopups()

Instantiates the popups of the specified widget and the children of those popups.

```
Widget
GolitFetchPopups (String                        name,
                  GolitWidgetDescPtr,           wdp,
                  Widget                        parent,
                  ArgList                       args,
                  Cardinal                      num_args,
                  XtPointer                     closure);
```

Where:

`name`	The name of the widget whose popups you want to fetch.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget whose popups you want to fetch.
`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchPopupsUnmanaged()

Instantiates the popups of the specified widget and the children of those popups. It does not add the popups to the widget's managed set.

```
Widget
GolitFetchPopupsUnmanaged (String               name,
                  GolitWidgetDescPtr,           wdp,
                  Widget                        parent,
```

```
                    ArgList                    args,
                    Cardinal                   num_args,
                    XtPointer                  closure);
```

Where:

`name` The name of the widget whose popups you want to fetch.

`wdp` The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.

`parent` The id of the parent of the widget whose popups you want to fetch.

`args` Pointer to an Arg structure for the widget you want to fetch

`num_args` The number of arg in args.

`closure`

GolitFetchWidgetHier()

Instantiates the specified widget, its popups, and its children

```
Widget
GolitFetchWidgetHier (String                   name,
                    GolitWidgetDescPtr,        wdp,
                    Widget                     parent,
                    ArgList                    args,
                    Cardinal                   num_args,
                    XtPointer                  closure);
```

Where:

name The name of the widget whose hierarchy you want to fetch.

`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget whose hierarchy you want to fetch.
`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchWidgetHierUnmanaged()

Instantiates the specified widget, its popups, and its children but does not add the widget to its parent's managed set.

```
Widget
GolitFetchWidgetHierUnmanaged (String            name,
                   GolitWidgetDescPtr,           wdp,
                   Widget                        parent,
                   ArgList                       args,
                   Cardinal                      num_args,
                   XtPointer                     closure);
```

Where:

`name`	The name of the widget whose hierarchy you want to fetch.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`parent`	The id of the parent of the widget whose hierarchy you want to fetch.

`args`	Pointer to an Arg structure for the widget you want to fetch
`num_args`	The number of arg in args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

GolitFetchShellHier()

Instantiates a shell widget and all its children. Use this only for base windows.

```
Widget
GolitFetchShellHier (String                    app_name,
                     String                    app_class,
                     GolitWidgetDescPtr,       wdp,
                     Display                   *dpy,
                     ArgList                   args,
                     Cardinal                  num_args,
                     XtPointer                 closure);
```

Where:

`app_name`	The base window's name.
`app_class`	The application's class.
`wdp`	The widget description pointer. This is based on the name of an object that you set up in Devguide. See "Getting the Right Widget Instance Name" on page 63 for instructions on finding widget description pointer names.
`dpy`	Display
`args`	Resources.
`num_args`	Number of args.
`closure`	Pointer to an application data structure that you want to pass down the widget tree

C