

NAME

XtGetGC, XtReleaseGC - obtain and destroy a shareable GC

SYNTAX

```
#include <X11/Intrinsic.h>
```

```
GC XtGetGC(Widget w, XtGCMask value_mask, XGCValues *values);
```

```
void XtReleaseGC(Widget w, GC gc);
```

ARGUMENTS

- | | |
|-------------------|---|
| <i>gc</i> | Specifies the GC to be deallocated. |
| <i>values</i> | Specifies the actual values for this GC. |
| <i>value_mask</i> | Specifies which fields of the values are specified. |
| <i>w</i> | Specifies the widget. |

DESCRIPTION

The **XtGetGC** function returns a shareable, read-only GC. The parameters to this function are the same as those for **XCreateGC** except that a widget is passed instead of a display. **XtGetGC** shares only GCs in which all values in the GC returned by **XCreateGC** are the same. In particular, it does not use the *value_mask* provided to determine which fields of the GC a widget considers relevant. The *value_mask* is used only to tell the server which fields should be filled in with widget data and which it should fill in with default values. For further information about *value_mask* and *values*, see **XCreateGC** in the *Xlib - C Language X Interface*.

The **XtReleaseGC** function deallocate the specified shared GC.

SEE ALSO

X Toolkit Intrinsics - C Language Interface
Xlib - C Language X Interface