

**NAME**

XtGetGC, XtReleaseGC – obtain and destroy a sharable 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 sharable, 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*