



Linux Ubuntu 26.04 Manual Pages on command 'XtGetGC.3'

\$ man XtGetGC.3

XtGetGC(3) XT FUNCTIONS XtGetGC(3)

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

gc Specifies the GC to be deallocated.

values Specifies the actual values for this GC.

value_mask

 Specifies which fields of the values are specified.

w 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 deallocates the specified shared GC.

SEE ALSO

X Toolkit Intrinsics - C Language Interface

Xlib - C Language X Interface

X Version 11

libXt 1.2.1

`XtGetGC(3)`