

**NAME**

XSetArcMode, XSetSubwindowMode, XSetGraphicsExposure - GC convenience routines

**SYNTAX**

```
int XSetArcMode(Display *display, GC gc, int arc_mode);
```

```
int XSetSubwindowMode(Display *display, GC gc, int subwindow_mode);
```

```
int XSetGraphicsExposures(Display *display, GC gc, Bool graphics_exposures);
```

**ARGUMENTS**

*arc\_mode* Specifies the arc mode. You can pass **ArcChord** or **ArcPieSlice**.

*display* Specifies the connection to the X server.

*gc* Specifies the GC.

*graphics\_exposures*

Specifies a Boolean value that indicates whether you want **GraphicsExpose** and **NoExpose** events to be reported when calling **XCopyArea** and **XCopyPlane** with this GC.

*subwindow\_mode*

Specifies the subwindow mode. You can pass **ClipByChildren** or **IncludeInferiors**.

**DESCRIPTION**

The **XSetArcMode** function sets the arc mode in the specified GC.

**XSetArcMode** can generate **BadAlloc**, **BadGC**, and **BadValue** errors.

The **XSetSubwindowMode** function sets the subwindow mode in the specified GC.

**XSetSubwindowMode** can generate **BadAlloc**, **BadGC**, and **BadValue** errors.

The **XSetGraphicsExposures** function sets the graphics-exposures flag in the specified GC.

**XSetGraphicsExposures** can generate **BadAlloc**, **BadGC**, and **BadValue** errors.

**DIAGNOSTICS**

**BadAlloc** The server failed to allocate the requested resource or server memory.

**BadGC** A value for a GContext argument does not name a defined GContext.

**BadValue** Some numeric value falls outside the range of values accepted by the request. Unless a specific range is specified for an argument, the full range defined by the argument's type is accepted. Any argument defined as a set of alternatives can generate this error.

#### SEE ALSO

XCopyArea(3), XCreateGC(3), XQueryBestSize(3), XSetClipOrigin(3), XSetFillStyle(3),

XSetFont(3), XSetLineAttributes(3), XSetState(3), XSetTile(3)

*Xlib - C Language X Interface*