

**NAME**

XSetCloseDownMode, XKillClient - control clients

**SYNTAX**

```
int XSetCloseDownMode(Display *display, int close_mode);
```

```
int XKillClient(Display *display, XID resource);
```

**ARGUMENTS**

*close\_mode* Specifies the client close-down mode. You can pass **DestroyAll**, **RetainPermanent**, or **RetainTemporary**.

*display* Specifies the connection to the X server.

*resource* Specifies any resource associated with the client that you want to destroy or **AllTemporary**.

**DESCRIPTION**

The **XSetCloseDownMode** defines what will happen to the client's resources at connection close. A connection starts in **DestroyAll** mode. For information on what happens to the client's resources when the *close\_mode* argument is **RetainPermanent** or **RetainTemporary**, see section 2.6.

**XSetCloseDownMode** can generate a **BadValue** error.

The **XKillClient** function forces a close down of the client that created the resource if a valid resource is specified. If the client has already terminated in either **RetainPermanent** or **RetainTemporary** mode, all of the client's resources are destroyed. If **AllTemporary** is specified, the resources of all clients that have terminated in **RetainTemporary** are destroyed (see section 2.5). This permits implementation of window manager facilities that aid debugging. A client can set its close-down mode to **RetainTemporary**. If the client then crashes, its windows would not be destroyed. The programmer can then inspect the application's window tree and use the window manager to destroy the zombie windows.

**XKillClient** can generate a **BadValue** error.

**DIAGNOSTICS**

**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**

*Xlib - C Language X Interface*