XQueryTree − query window tree information

Status XQueryTree(*display***,** *w***,** *root_return***,** *parent_return***,** *children_return***,** *nchildren_return***)**
    Display **display***;**
    Window *w***;**
    Window **root_return***;**
    Window **parent_return***;**
    Window ***children_return***;**
    unsigned int **nchildren_return***;**

children_return Returns the list of children.

display   Specifies the connection to the X server.

nchildren_return Returns the number of children.

parent_return   Returns the parent window.

root_return   Returns the root window.

w   Specifies the window whose list of children, root, parent, and number of children you
                want to obtain.

The XQueryTree function returns the root ID, the parent window ID, a pointer to the list of children win-
dows (NULL when there are no children), and the number of children in the list for the specified window.
The children are listed in current stacking order, from bottom-most (first) to top-most (last). **XQueryTree**
returns zero if it fails and nonzero if it succeeds. To free a non-NULL children list when it is no longer
needed, use **XFree**.

This really should return a screen *, not a root window ID.

XFree(3X11), XGetWindowAttributes(3X11), XQueryPointer(3X11)
Xlib − C Language X Interface