Subject: How to find the top-most window the mouse is over (Linux)?
Posted by James Thomas on Tue, 23 Jan 2007 14:32:23 GMT

I haven't been able to find a way using just U++ to find the highest window that the mouse pointer is currently over (as returned by GetMousePos).

To get around this in Windows I use the API call WindowFromPoint to get the HWND of the highest window under the mouse, but I'm having trouble reproducing this for XWindows. The closest match I have found is XQueryPointer, but this only seems to check against a specified window's parent/children, plus it fails whenever I call it. Example:
XQueryWindow(Xdisplay, main_window->GetWindow(), &Xroot, &Xchild,
   &root_x, &root_y, &win_x, &win_y, &mask);

Is there a way to do this without native API calls? If not I would be very grateful if someone with more experience with XWindows (that isn't difficult - this is the first XWindows call I've tried) could point me in the right direction.

Cheers,
JT