
Subject: Re: Upp GUI size in Win and Ubuntu
Posted by [Klugier](#) on Fri, 24 May 2013 00:38:32 GMT
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Hello,

What is X11? According to the wikipedia: "X11 is a computer software system and network protocol that provides a basis for graphical user interfaces (GUIs) and rich input device capability for networked computers.". More information you can find here: <http://en.wikipedia.org/wiki/X11>.

Now, Ultimate++ on unix like operating systems use two different redner method. The first is GTK Backend (Default). The second is X11. What is the difference between these two methods? Let's look at the following diagram:

Ultimate++ -> GTK+ -> X11 (GTK backend)
Ultimate++ -> X11 (NOGTK)

-> - means invoking

X11 mode is more stable, because the way to X server is shorter. Moreover, X11 mode on all posix systems looks exactly the same. It dosen't metter whether you are using GNOME or KDE.

GTK backend and X11 don't depend on Windows, so it doesn't matter which of these modes is turned on.

When I was writing about the efficiently I thought that you need to use conditional compilation to achieve better multiplatform code.

Sincerely,
Klugier
