
Subject: Re: Can anyone plan to bring ultimate++ Widget toolkit to GTK-compatible, GTK# and qt-compatible?

Posted by [mr_ped](#) on Thu, 30 Sep 2010 11:44:30 GMT

[View Forum Message](#) <> [Reply to Message](#)

I think he wants to add GTK API to upp core, so you can take any GTK application and compile it with UPP as backend.

I'm not sure it's possible even for very simple applications, certainly not for complex ones (without patching the code of app to fix major differences).

Still doing some research how much we differ and how much such API wrapper is possible can be interesting. If somebody has enough spare time for almost useless interesting project.

edit:

Rishi: the problem is that GTK vs QT vs UPP do differ a lot even in basics. The principle is similar, but implementation details are vastly different, so any general solution to just recompile simpler GTK app with upp through some wrapper lib is IMHO next to impossible.

Also what's the benefit of that? The app source will be still GTK polluted, so you get the same app source mounted over undesired backend which may introduce just more bugs than original GTK+.

What has true benefit is to rewrite GTK app from scratch with UPP, that way the power (and shortcomings) of UPP may be demonstrated and both app version will have "native" backend libs, so there will be no additional errors introduced by wrapper layer, so it can be used to directly compare performance of each toolkit (I mean overall performance in terms of SW development, not just speed of code)
