Well, I think this is almost ready to be moved to uppsrc.

Just small comments:

I really like the code, the only thing that makes me a little bit nervous is "unstable placement" of '*' and '&'.

This is not really critical. Anyway, MY coding style mandates to place '&' alongside type and '*' with variable, I believe that makes it visually more readable. I have no problem if you have different style, it is just funny that you seem to mix several styles in single package

Also, with class definition, I put '{' on the same line.

Now important: If your preferences are different, please keep them! Over years, I have found this can have some advantage too, as just seeing the code I can say how is responsible (the style forms sort of fingerprint

A little bit more important: Maybe we should discuss the button sizes. So far, I tend to prefer 64x24 - while not correct on any platform, looks almost correct everywhere.

Mirek