Subject: U++ Customization
Posted by Aronimo on Wed, 20 Apr 2022 16:11:24 GMT
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I was trying to build a custom widget for WxWidget to use in wxsmith in CodeBlokcs, but since 3 days ago I had 0 success in it. But then today I found out about UPP, but is it possible to implement custom items into the GUI builder of the TheIDE, like in wxsmith? Another question is, I wanted to get more used to making GUIs, so I would like to build a storage management, very simple, just to get used to building frames and elements, how does UPP would handle such a thing compared to WxWidgets? Also, a reason to switch from wx to ultimate is that as far as i've seen, UPP has a better UI design, against wxwidgets that only uses native GUI (windows 10 UI is reaallyy ugly IHO).

Subject: Re: U++ Customization
Posted by Lance on Thu, 21 Apr 2022 13:00:00 GMT
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Writing a widget/Ctrl/component and get it to work with TheIDE layout designer is simple and straightforward. To write the component, you derive your Ctrl from Upp::Ctrl or one of its derivative, eg, Upp::EditString, and add the functionalities you intend to implement.

To get it work with Layout Designer, you need to add a .usc file. Take a look at the usc file in GridCtrl(it's for a single Ctrl), and the usc file in CtrlLib(which is for multiple Ctrls). I am not sure if there are good documentation/tutorials on how to write usc files; you may want to take a look at how upp builtin Ctrls talk with Layout Designer.

As for the second question, I am not really sure what you mean. I had a little bit experience with wx many years ago but could no longer remember its mechanism/jargon. Personally I think there is a very great chance that you will find U++ a better choice.

U++ indeed do things in different ways than most other GUI. Please take some time to try the examples/references, and than quickly go through the tutorial to determine if it's something you would like to invest more time/energy.

Subject: Re: U++ Customization
Posted by Klugier on Thu, 21 Apr 2022 13:18:07 GMT
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Hello Aronimo,

You could check following (Creating and using custom widgets) GUI tutorial chapter for information about creating custom widget within TheIDE UI designer.

Klugier