

pygubu-designer

Taking (some of) the pain out of tkinter

What?

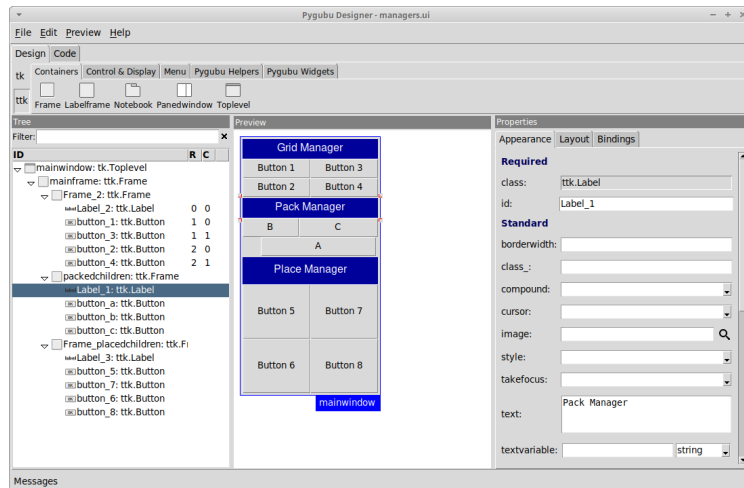
Pygubu is a RAD tool to enable quick and easy development of user interfaces for the Python's tkinter module.

The user interfaces designed are saved as XML files, and, by using the pygubu builder, these can be loaded by applications dynamically as needed.

Pygubu is inspired by Glade*

<https://github.com/alejandroautalan/pygubu-designer>

* UI designer for GTK



How?

- create a UI with the designer
- generate wrapper code for application
- retrieve objects via: `builder.get_object(...)`
- import variables: `builder.import_variables(self)`
- fill in callbacks of buttons, menus, etc
- set theme (pre-existing or `custom`)

Caveats

- Menu key bindings - manually in code:
`self.mainwindow.bind("<Control-o>", self.on_open_click)`
- "Live" changes get sluggish with larger UIs
- Fixed widgets, additional ones **require work**
- X11 has high CPU load after exiting designer

Get started

- For developing UIs:
 `pip install pygubu-designer`
- At runtime:
 `pip install pygubu`

Demo

Let's give it a go!