

## FDesigner.

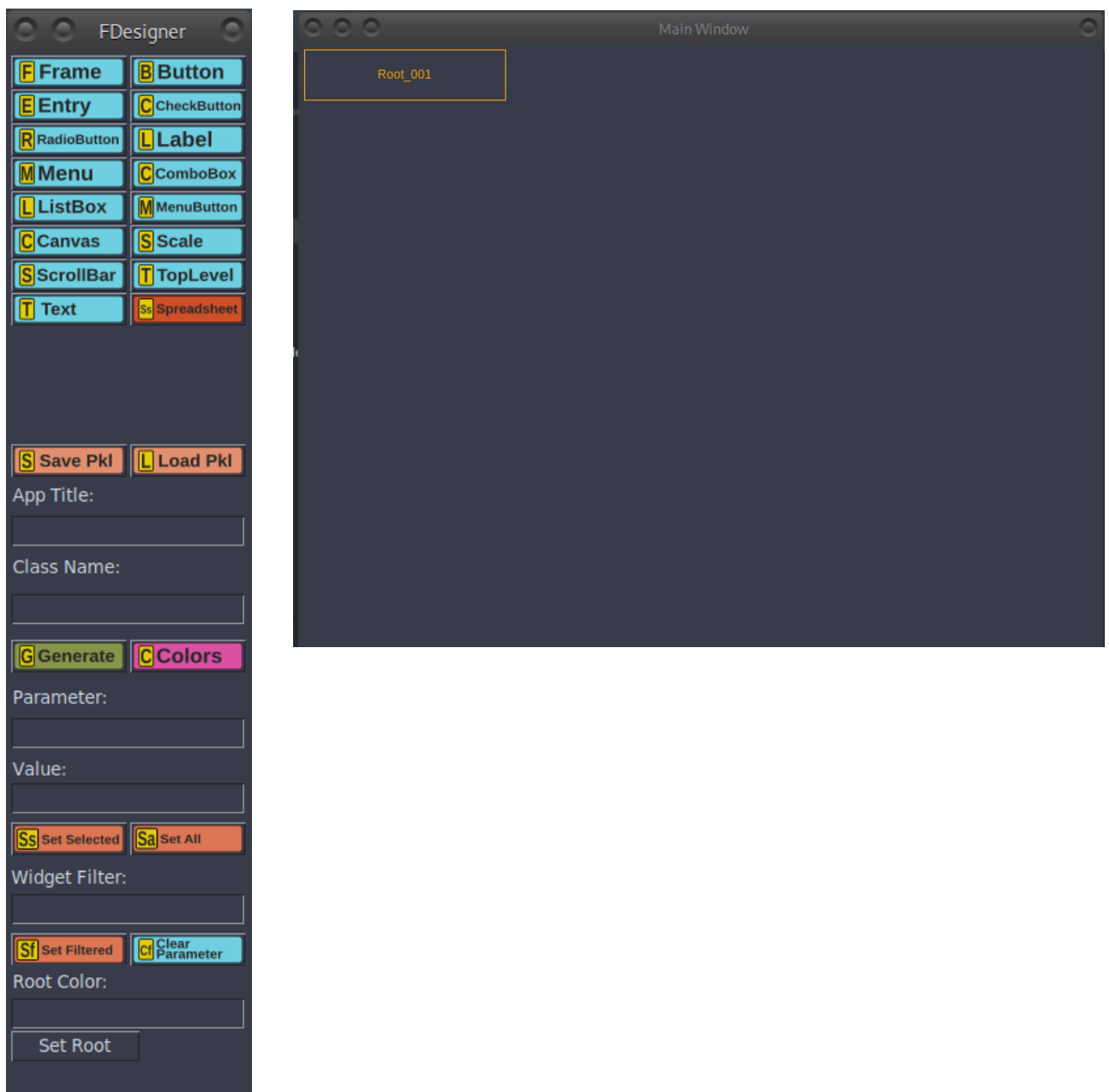
Quickly and rapidly make complex and beautiful menu layouts, and generate the source code for your Tkinter menu. This software is opensource.

Requirements:

- tkinter
- pyperclip
- openpyxl

```
python3 fdesigner7.py
```

If it is setup correctly you will see the following:



One can move items around, align them, copy and paste them, and resize them by double clicking on the widget outline as in:



- If you right click on ONE widget, a properties window will pop up as in:

**Single Widget Properties**

Name:

borderwidth:

class:

cursor:

font:

image:

justify:

padding (x,y):   anchor:

relief:

style:

text:

textvariable:

underline:

Mouse Events:

<input checked="" type="checkbox"/> Motion	<input checked="" type="checkbox"/> ButtonPress-1	<input checked="" type="checkbox"/> ButtonPress-2	<input checked="" type="checkbox"/> ButtonPress-3
<input checked="" type="checkbox"/> Double-Button-1	<input checked="" type="checkbox"/> Double-Button-2	<input checked="" type="checkbox"/> Double-Button-3	
<input checked="" type="checkbox"/> ButtonRelease-1	<input checked="" type="checkbox"/> ButtonRelease-2	<input checked="" type="checkbox"/> ButtonRelease-3	

Position:

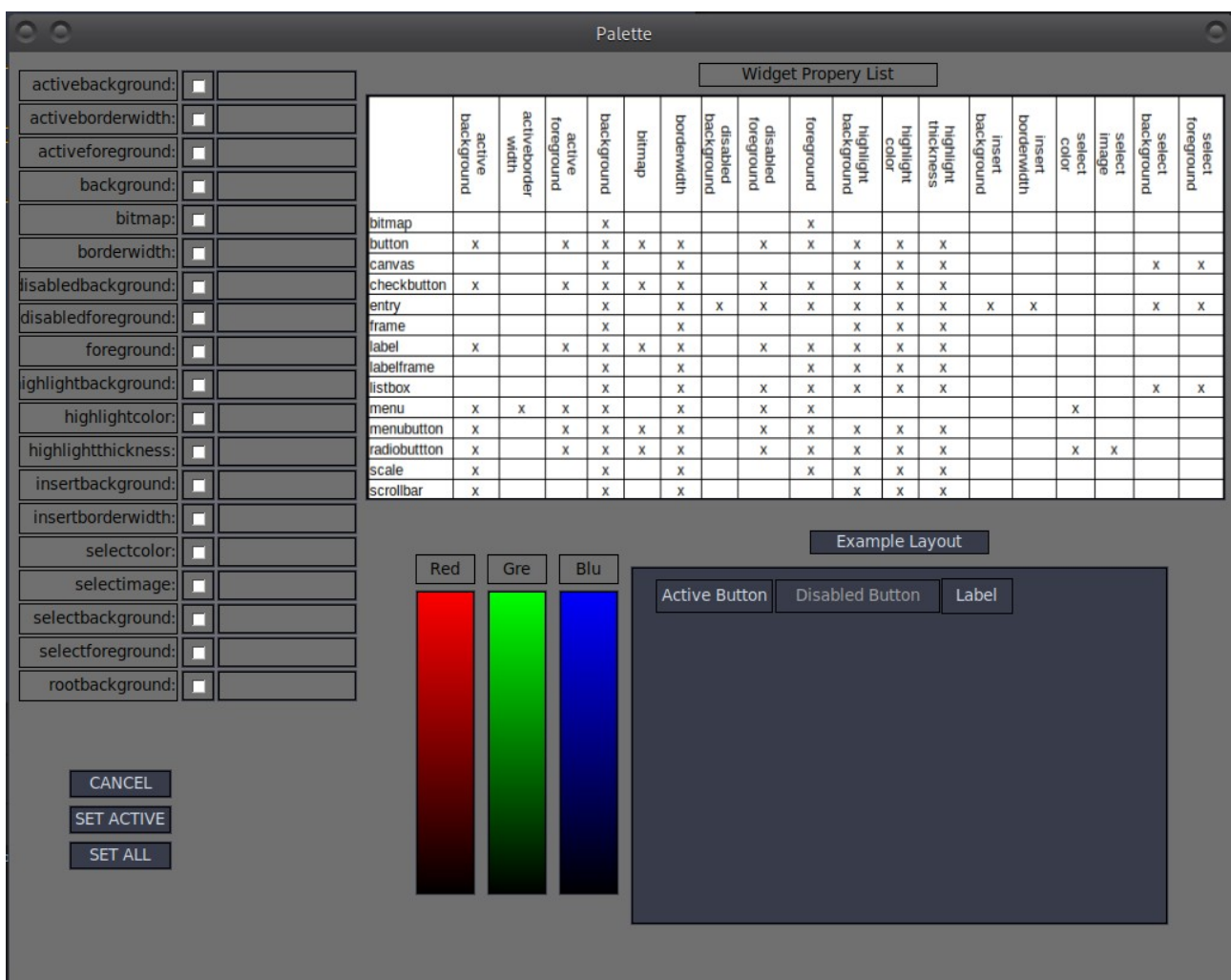
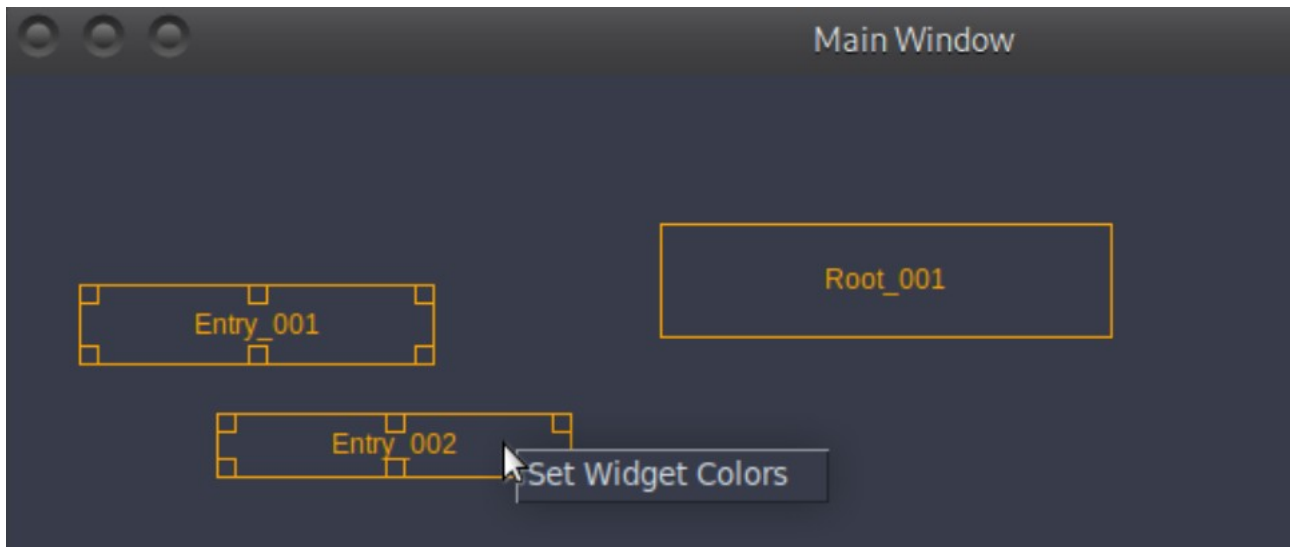
x	y	x2	y2
<input type="text" value="32"/>	<input type="text" value="93"/>	<input type="text" value="189"/>	<input type="text" value="128"/>

region:

List Items

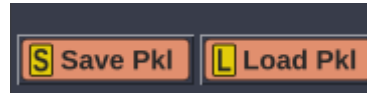
- The automatic mouse event handlers can be setup by leaving the mouse events clicked on.

- If you right click on TWO or more widgets you will get a styling editor as in:



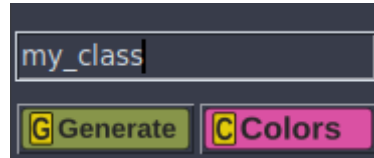
- This menu is rapid. Simply click the checkboxes you want to make active and swing the mouse around the red / blue / gre color boxes. The #AABBCC setting will automatically fill in. The template guide in the top right shows what properties apply to which widgets.
- The bottom right is a template display of roughly what the application will look like.

Saving / Loading Menu Designs.



- Menus can be automatically saved and loaded as pickle files.

Generating Code from the Menu Layout.



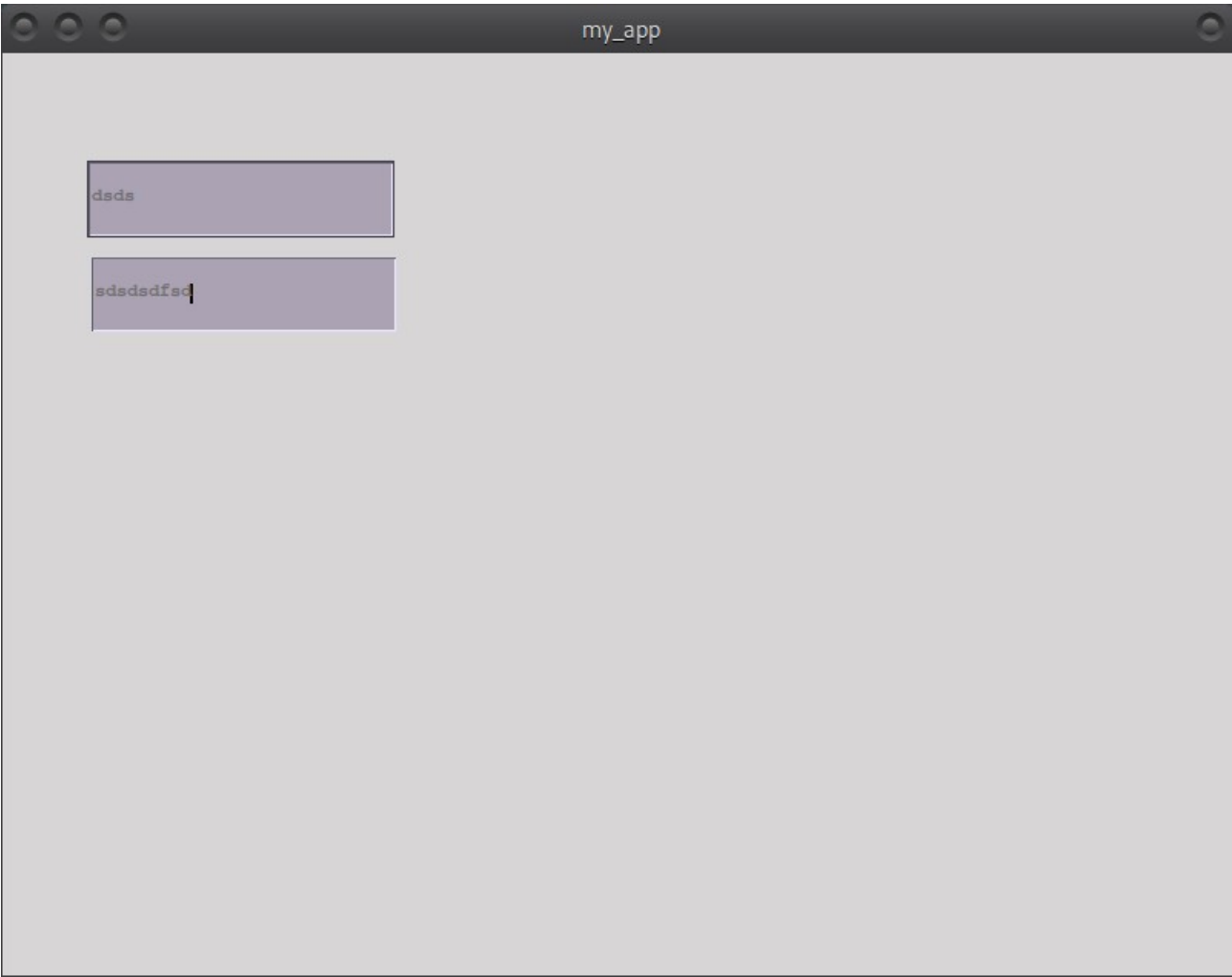
- Click Generate and the entire source code for your menu will be generated!

```
Generated Code

#region Region [IMPORTS]
import copy
import tkinter as tk
from tkinter import simpledialog
from tkinter import filedialog
from tkinter import ttk
from fdesigner import *
import os
from tkinter.filedialog import FileDialog
import pickle
#endregion
#region Region [CLASS my_class]
class my_class():
    def __init__(self):
        #region Region root setup
        self.root = tk.Tk()
        self.root.title("my_app")
        self.root.geometry('800x600+250+25')
        self.root.update()
        self.root.config(bg='#000000')
        #endregion
        #region Region None
        try:
            self.Entry_001 = tk.Entry(self.root, font=('Courier', 9, 'bold'))
            self.Entry_001.place(x=57, y=132, width=200, height=50)
            self.Entry_001.config()
            self.Entry_001.bind('<ButtonPress-1>', self.Entry_001_buttonPress1)
            self.Entry_001.bind('<ButtonPress-2>', self.Entry_001_buttonPress2)
            self.Entry_001.bind('<ButtonPress-3>', self.Entry_001_buttonPress3)
            self.Entry_001.bind('<Double-Button-1>', self.Entry_001_dblbuttonPress1)
            self.Entry_001.bind('<Double-Button-2>', self.Entry_001_dblbuttonPress2)
            self.Entry_001.bind('<Double-Button-3>', self.Entry_001_dblbuttonPress3)
            self.Entry_001.bind('<ButtonRelease-1>', self.Entry_001_buttonRelease1)
```

1. HOLD Right mouse - inside this source code if you want to actually run it (Generate) Please note - this source code is generated inside the 'gen' directory and note:
- **from fdesigner import \*** (fdesigner.py must be inside the gen directory).

The menu is automatically generated as in:



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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<https://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary.

For more information on this, and how to apply and follow the GNU GPL, see  
<<https://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read  
<<https://www.gnu.org/licenses/why-not-lgpl.html>>.