

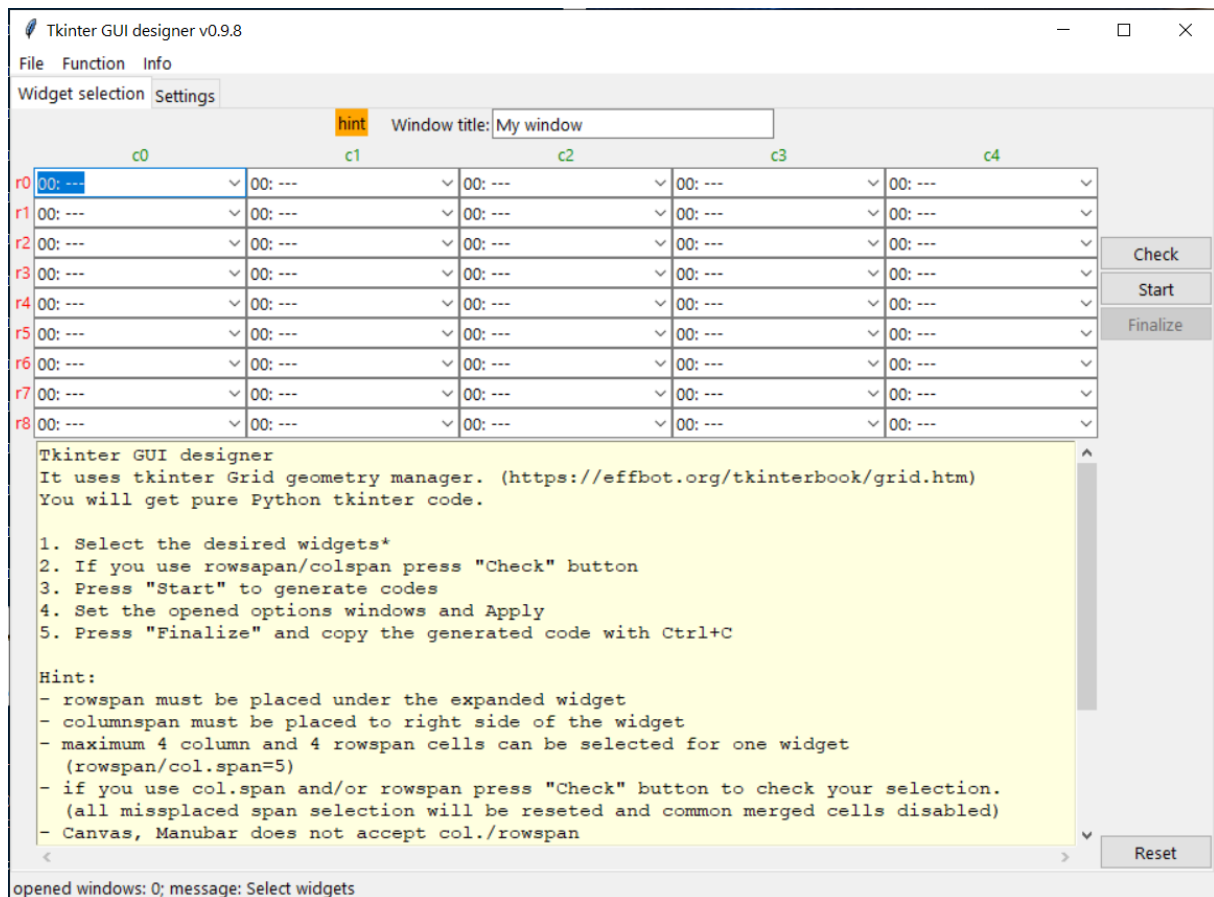
v1.1

Tkinter GUI designer

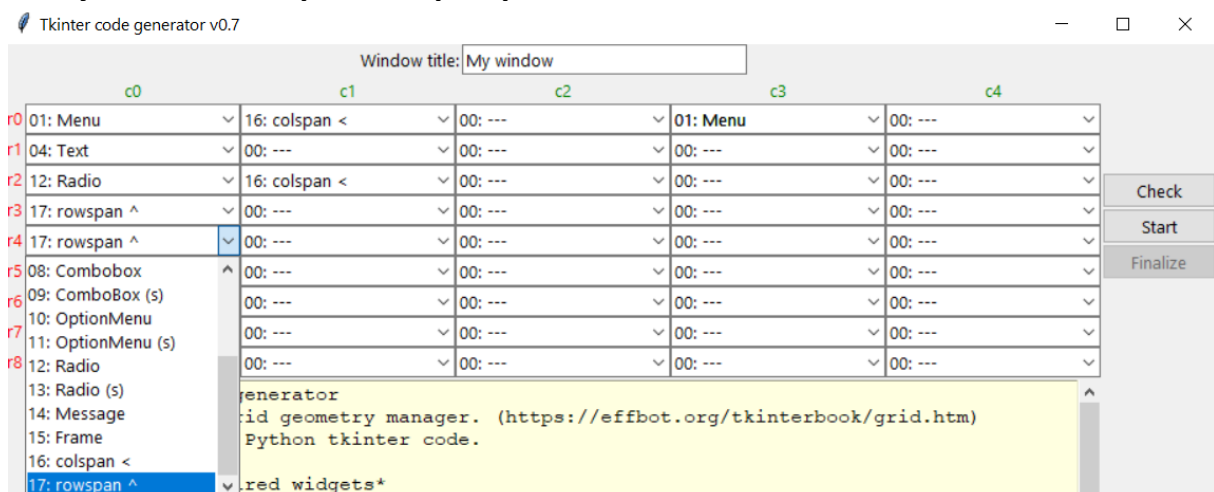
It is written in Python and you will get pure Python tkinter code.

It uses tkinter Grid geometry manager. (<https://effbot.org/tkinterbook/grid.htm>)

1. Select the desired widgets*



2. If you use rowspan/colspan press "Check" button



v1.1

| | c0 | c1 | c2 | c3 | c4 |
|----|---------------|---------------|---------|----------|---------|
| r0 | 01: Menu | 16: colspan < | 00: --- | 01: Menu | 00: --- |
| r1 | 04: Text | 00: --- | 00: --- | 00: --- | 00: --- |
| r2 | 12: Radio | 16: colspan < | 00: --- | 00: --- | 00: --- |
| r3 | 17: rowspan ^ | 00: --- | 00: --- | 00: --- | 00: --- |
| r4 | 17: rowspan ^ | 00: --- | 00: --- | 00: --- | 00: --- |
| r5 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| r6 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| r7 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| r8 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |

- All common merged cells will be disabled (for example c1-r3, c1-r4 on screenshot)
- Rowspan must be placed under the expanded widget
- Columnspan must be placed to right side of the widget
- Maximum 4 column and 4 rowspan cells can be selected for one widget (rowspan/colspan=5)
- If you use colspan and/or rowspan press "Check" button to check your selection.
- All misplaced span selection will be reseted
- Canvas and Menubar does not accept col./rowspan
- You can save and load widget selection and default widget parameters
- Generated code can be Function or Object type
- Default paramertes can be modified for simplified (s) widgets

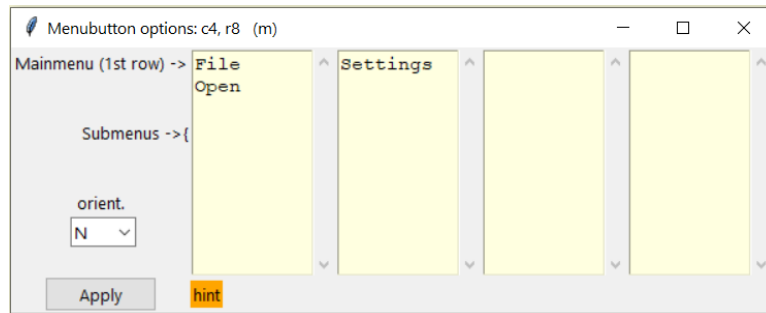
3. Press "Start" to generate codes

Related option widows open

Menubar

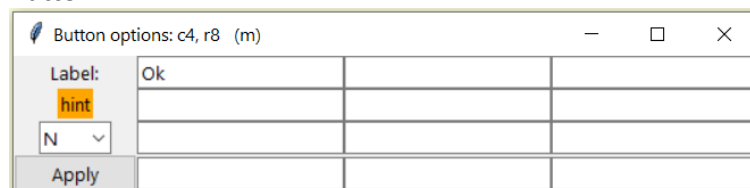
You can put 4 main menu (top blue line) and any submenu
First row: main menu (x4), other rows: submenu (any)
Available settings: separate: '-' ; checkbox: '#' (eg: #yes)

MenuButton



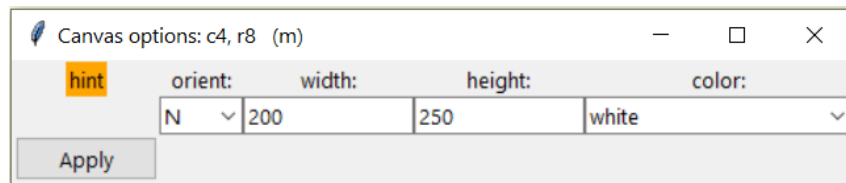
You can put 4 main menu (top row) and any submenu
Available settings: orientation.

Button



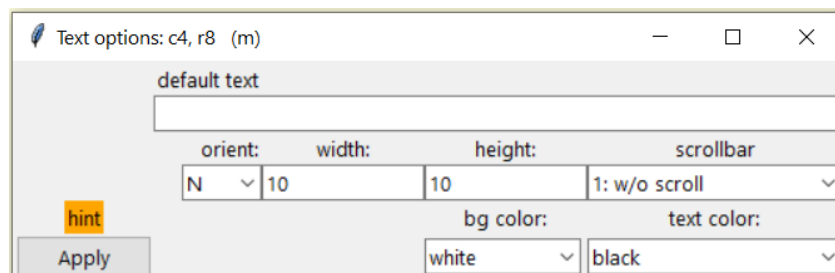
You can put 3x4 button in a frame. (min 1 button max 12button)
Available settings: orientation. N- North, E-East, S-South, W-West, NE,SE,SW,NW, N+S (expand between max N and max S), E+W (expand between max W and max E)

Canvas



Available settings: orientation, width, height and color
You can select some color, select 'pick a color' to open color selector or write any standard python color code here.

Text



Available settings: default text, orientation, width, height, slide (without, with horizontal, with vertical or both slide) and background and text color
You can select some color, select 'pick a color' to open color selector or write any standard python color code here.

Label

Available settings: default text and orientation

Combobox

You can place up to 4 comboboxes with unlimited options

Available settings:

Orientation, Cell width, Label (for each combobox), unlimited options (for each combobox)

Option menu

You can place up to 4 option menus with unlimited options

Available settings:

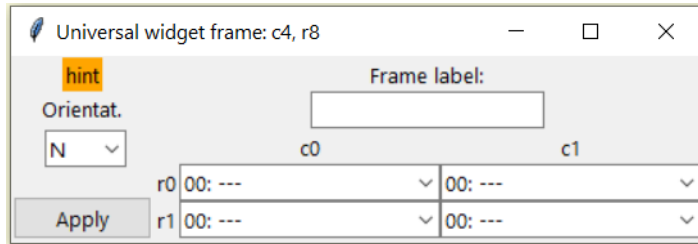
Orientation, Label (for each combobox), unlimited options (for each combobox)

Radio

You can place up to 4 radio with 3 options

Available settings: Orientation, 3 options (for each combobox)

Universal Frame



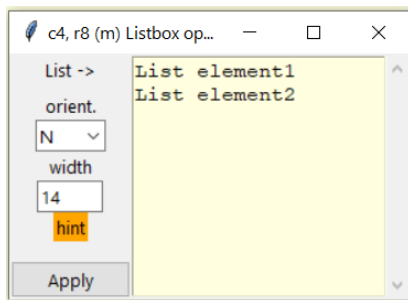
You can place any widget* (up to 4)

*menu (3x3), button (4x3), canvas, text with scroll, entry, label, combobox (4x3), optionmenu (4x3),radio (4x3)

Available settings:

Orientation, 4 widget selection, label text (with text: LabelFrame / without: Frame)

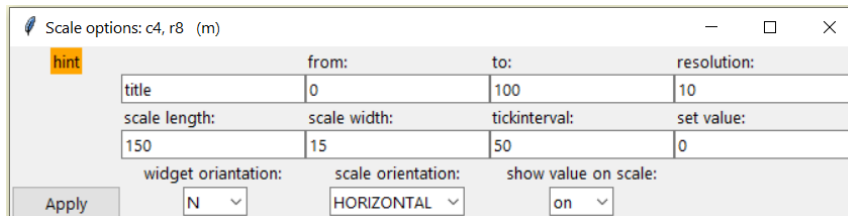
Listbox



You can place any line into the list

Available settings: Orientation, width

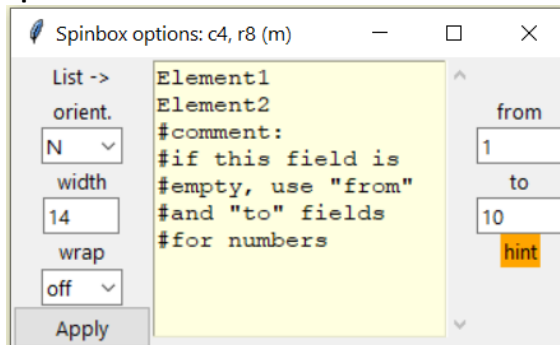
Scale



Available settings:

scale label, from, to, resolution, scale length, scale width, thickinterval, set value, widget orientation, scale orientation, show value

Spinbox



Available settings: from, to, wrap, list items, width, orientation

Progressbar

Progressbar options: c4, r8 (m)

hint

length: maximum: start value:

widget orientation: progressbar orient.: mode:

Available settings:

length, maximum, start value, widget orientation, progressbar orientation, mode

Toolbar

Toolbar options: c4, r8 (m)

1 2 3 4 5

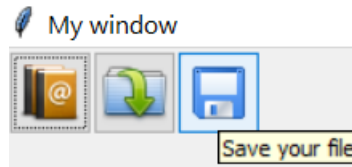
image name:

tooltip text:

hint orient:

Available settings:

PNG image select, Tooltip text, orientation, hint



Notebook

Notebook: c4, r8 (m)

hint

Orient.: Tab number: (max 10)

Available settings:

Orientation, Tab number -> it will open as many universal frame option windows as tab numbers you set

4. Set the opened options windows and Apply

Tkinter code generator v0.7

Window title: My window

| c0 | c1 | c2 | c3 | c4 |
|-----------|--------------|----------------|-----------|-----------|
| 01: Menu | 02: Button | 03: Canvas | 04: Text | 05: Entry |
| 06: Label | 08: Combobox | 10: OptionMenu | 12: Radio | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |

```
#-----Entry: c4, r0-----
bmez040=Entry(ablak)
bmez040.grid(row=0, column=4, columnspan=1, rowspan=1, sticky=N)
#-----Button: c1, r0-----
kret01=Frame(ablak, relief='flat', borderwidth=1)
kret01.grid(row=0, column=1, columnspan=1, rowspan=1, sticky=N)
gmb010=Button(kret01, text='Ok', command=k_ablak.destroy)
gmb010.grid(row=0, column=0)
#-----Menu: c0, r0-----
kret00=Frame(ablak, relief='raised', borderwidth=1)
kret00.grid(row=0, column=0, columnspan=1, rowspan=1, sticky=N)
menu000=Menu(kret00, text='File')
mf000=Menu(menu000)
mf000.add_command(label='Close', command=k_ablak.destroy, state=NORMAL)
menu000.configure(menu=mf000)
menu000.grid(row=0, column=0, sticky=NW)
#-----Canvas: c2, r0-----
can020=Canvas(ablak, bg='white', height=250, width=200)
```

Your code is not done yet, you have to finalize it.

5. Press "Finalize" and copy the generated code with Ctrl+C

Hint:

- rowspan must be placed under the expanded widget
- colspan must be placed to right side of the widget
- maximum 4 column and 4 rowspan cells can be selected for one widget (rowspan/colspan=5)
- if you use colspan and/or rowspan press "Check" button to check your selection.
 - all misplaced span selection will be reseted and
 - common merged cells disabled
- Canvas and Menubar does not accept column/rowspan
- Open second session of Python IDLE and use it for checking the generated code without closing the running GUI generator
- widget name with (s) like 'Label (s)', 'Combobox (s)', 'Optionmenu (s)' and 'Radio (s)' means simple. It uses default parameters and does not open option window.
- Toolbar PNG files must be in ico folder. For example: If path of your file is c:\myprog\myprog.py, PNG files location is c:\myprog\ico. Sample PNG files in the package.
- You can save and load widget selection
- Generated code can be Function or Object type
- Default paramertes can be modified for simplified (s) widgets

Settings tab:

- In case of widgets without option window, possible to modify the default parameters
- Generated code type selection (Function or Object)

Tkinter GUI designer v0.9.8

File Function Info

Widget selection Settings

Generated code type:

☒ Functions

☐ Object (class)

Default parameters for widgets without option window.
(Where is (s) located at the end of widget name)

Label (s)

Orient.: Text:

N ▾ title

ComboBox (s)

Orient.: value 1: value 2: value 3:

N ▾ One Two Three

OptionMenu (s)

Orient.: value 1: value 2: value 3:

N ▾ One Two Three

Radio (s)

Orient.: value 1: value 2: value 3:

N ▾ One Two Three

Entry (s)

Orient.: width: default value:

N ▾ 17

Canvas (s)

Orient.: width: height: color:

N ▾ 200 250 white ▾

Text (s)

Orient.: width: height: scroll: default text:

N ▾ 10 10 1: w/o scroll ▾

Apply

opened windows: 0; message: Select widgets

Supported widgets:

manubar (4x any), menubutton (4x any), button (4x3), canvas, text with scroll, entry, label, combobox (4x3), optionmenu (4x3), radio (4x3), message, Universal Frame, Listbox, Scale, Spinbox, Toolbar with Tooltip text, Notebook

Menu:

- **File:**
 - Open widget selection
 - Save widget selection
- **Function:**
 - Check: validaty widget selection
 - Start: Strat code generating
 - Finalize: Finalize generated code
 - Reset
- **Info:**
 - Github
 - Email
 - Donation

***Generated code type**

```

File  Function  Info
Widget selection  Settings
Generated code type:
● Functions
○ Object (class)

from tkinter import *
from tkinter import ttk

k_ablak=Tk()
k_ablak.title('My window')
ablak=Frame(k_ablak, relief='flat', borderwidth=1)
ablak.grid(row=0, column=0)
#-m---Menubar: c0, r0---
menubar00aa= Menu(ablak)
submenu00aa0=Menu(menubar00aa, tearoff=0)
menubar00aa.add_cascade(label='File', menu=submenu00aa0)
submenu00aa0.add_command(label='Open', command=
submenu00aa1=Menu(menubar00aa, tearoff=0)
menubar00aa.add_cascade(label='Settings', menu=
k_ablak.config(menu=menubar00aa)
#-m---Text: c0, r1-----
frm10aa=Frame(ablak, relief='flat', borderwidth=1)
frm10aa.grid(row=1, column=0, columnspan=1, row

```

default/unselected: Function

```

File  Function  Info
Widget selection  Settings
Generated code type:
○ Functions
● Object (class)

from tkinter import *
from tkinter import ttk

class Mywindow:
    def __init__(self):
        self.k_ablak=Tk()
        self.k_ablak.title('My window')
        self.ablak=Frame(self.k_ablak, relief='flat', borderwidth=1)
        self.ablak.grid(row=0, column=0)
#-m---Text: c0, r1-----
        self.frm10aa=Frame(self.ablak, relief='flat', borderwidth=1)
        self.frm10aa.grid(row=1, column=0, columnspan=1, row=1)
        self.text10aa0=Text(self.frm10aa,height=1)
        self.text10aa0.grid(row=0, column=0,sticky='nsew')
#-m---Button: c0, r2-----
        self.btn20aa0=ttk.Button(self.ablak,text='Open')
        self.btn20aa0.grid(row=2, column=0, columnspan=1, row=2)
#-m---Menubar: c0, r0---

```

selected: Object

Note: I am not professional Python programmer, but I hope you can use it and it can help you to create Tkinter GUI much more easier.

*If you have any comment, suggestion write me: epromirok@gmail.com
[https://github.com/horrorfodrasz/Tkinter GUI designer](https://github.com/horrorfodrasz/Tkinter_GUI_designer)*

If you like it you can donate me

Paypal



Thank you!