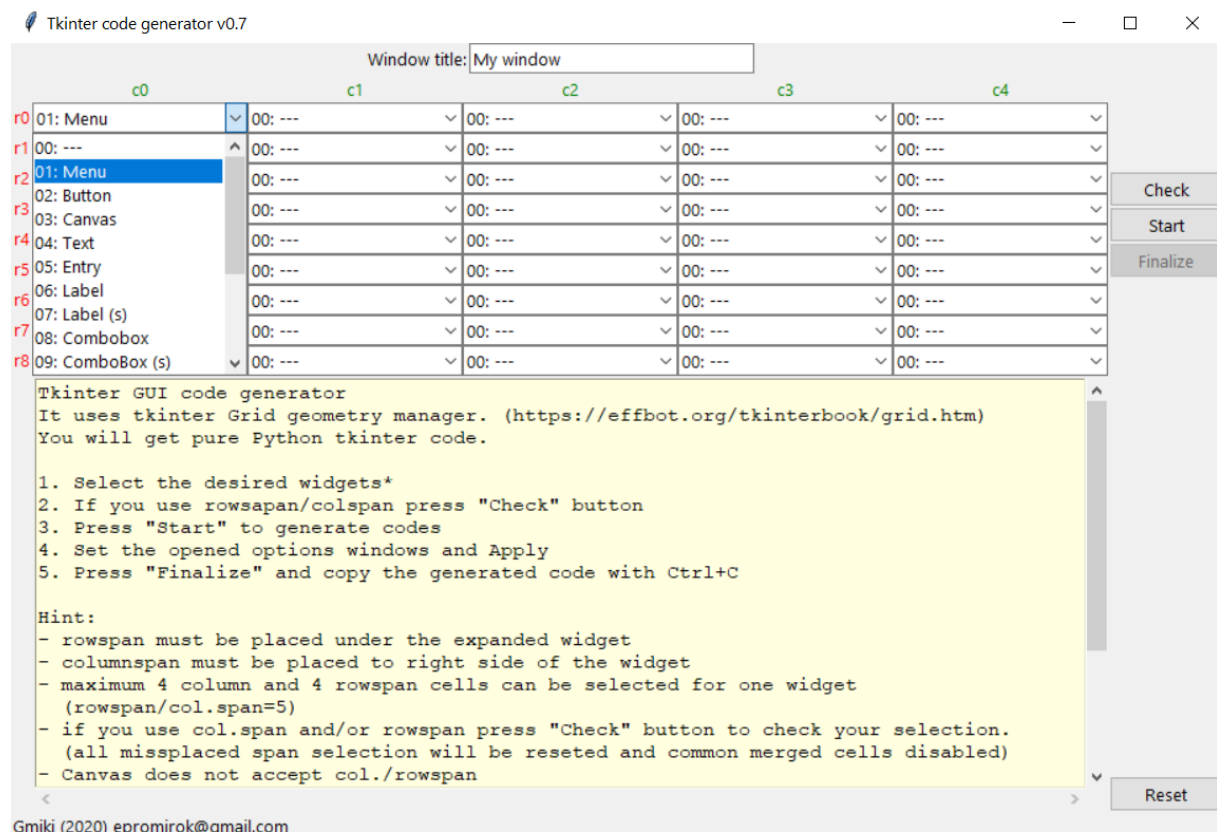


Tkinter GUI code generator

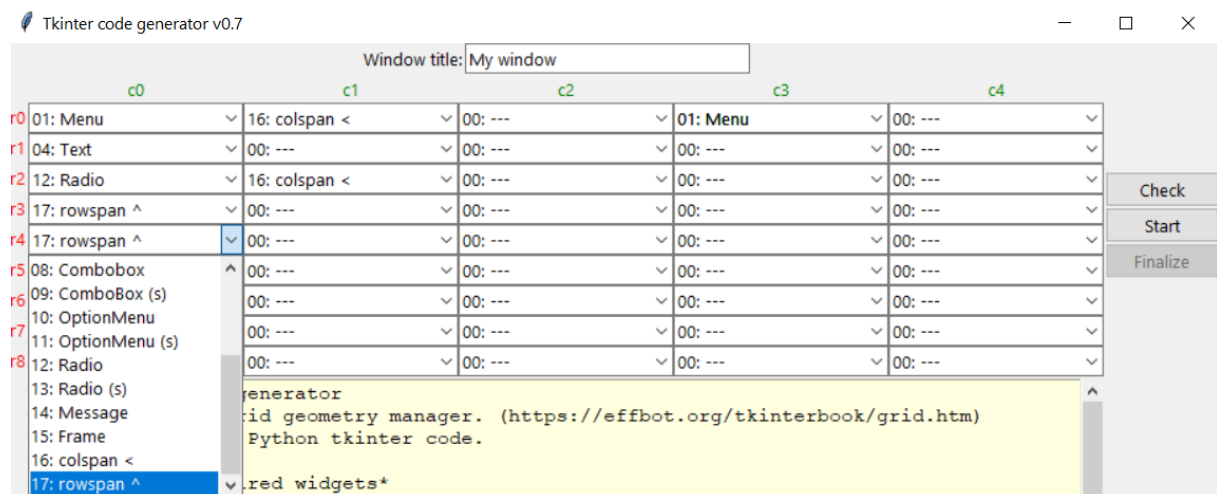
It is written in Python and you will get pure Python tkinter code.

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



v0.8.5

| | 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

3. Press "Start" to generate codes

Related option widows open

Radio options: c0, r2

Text options: c0, r1

Menu options: c3, r0

Menubar

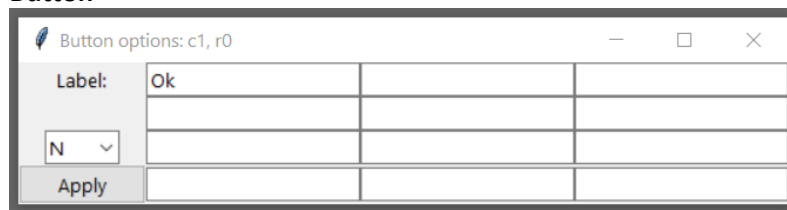


You can put 4 main menu (top blue line) and any submenu

First row: main menu (x4), other rows: submenu (any)

Available settings: -

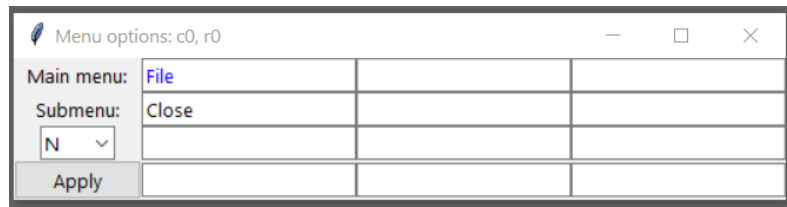
Button



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)

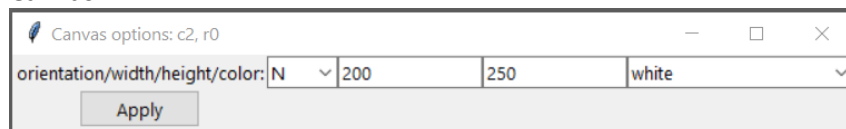
MenuButton



You can put 3 main menu (top blue line) and 3*3 submenu

Available settings: orientation.

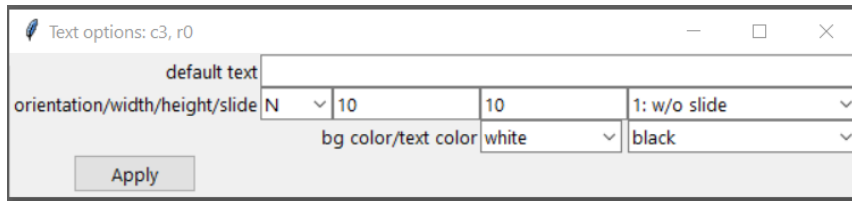
Canvas



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



Text options: c3, r0

default text:

orientation/width/height/slide: N 10 1: w/o slide

bg color/text color: white black

Apply

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



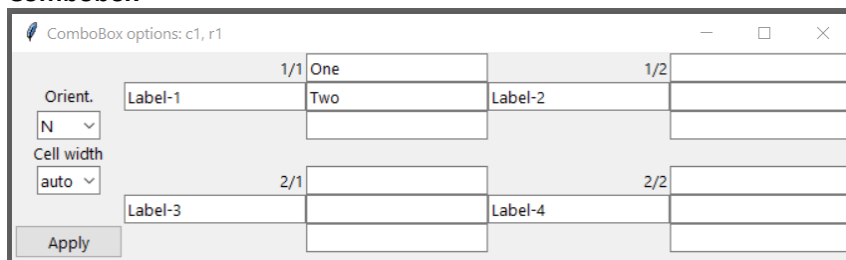
Label options: c0, r1

Text: Orientation: N

Apply

Available settings: default text and orientation

Combobox



ComboBox options: c1, r1

Orient. N

Cell width auto

| 1/1 | | 1/2 | |
|---------|-----|---------|--|
| Label-1 | Two | Label-2 | |
| 2/1 | | 2/2 | |
| Label-3 | | Label-4 | |

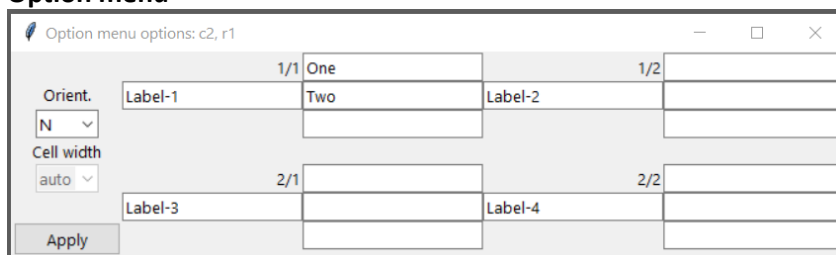
Apply

You can place up to 4 comboboxes with 3 options

Available settings:

Orientation, Cell width, Label (for each combobox), 3 options (for each combobox)

Option menu



Option menu options: c2, r1

Orient. N

Cell width auto

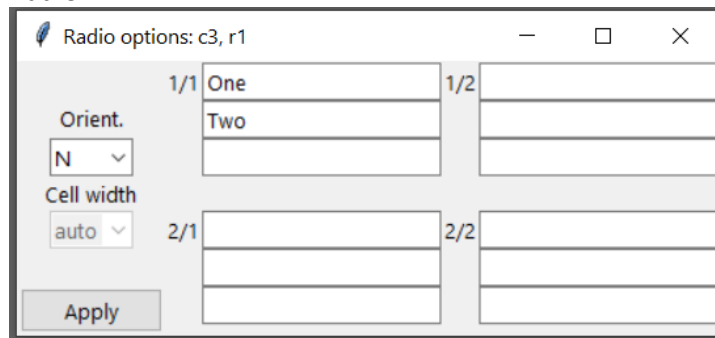
| 1/1 | | 1/2 | |
|---------|-----|---------|--|
| Label-1 | Two | Label-2 | |
| 2/1 | | 2/2 | |
| Label-3 | | Label-4 | |

Apply

You can place up to 4 option menus with 3 options

Available settings:

Orientation, Label (for each combobox), 3 options (for each combobox)

Radio


Radio options: c3, r1

Orient. N

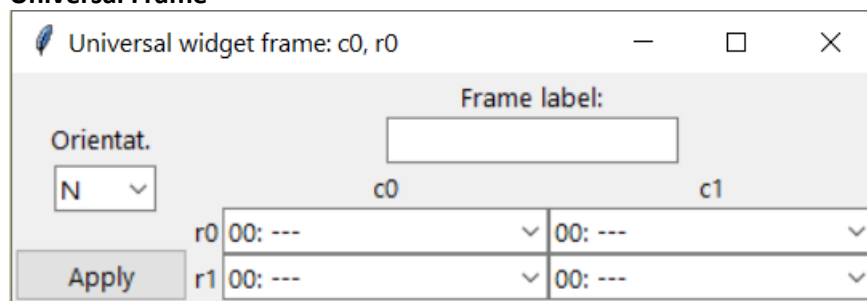
Cell width auto

Apply

| | | | |
|-----|-----|-----|--|
| 1/1 | One | 1/2 | |
| | Two | | |
| | | | |
| 2/1 | | 2/2 | |
| | | | |
| | | | |

You can place up to 4 radio with 3 options

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

Universal Frame


Universal widget frame: c0, r0

Frame label:

Orientat. N

Apply

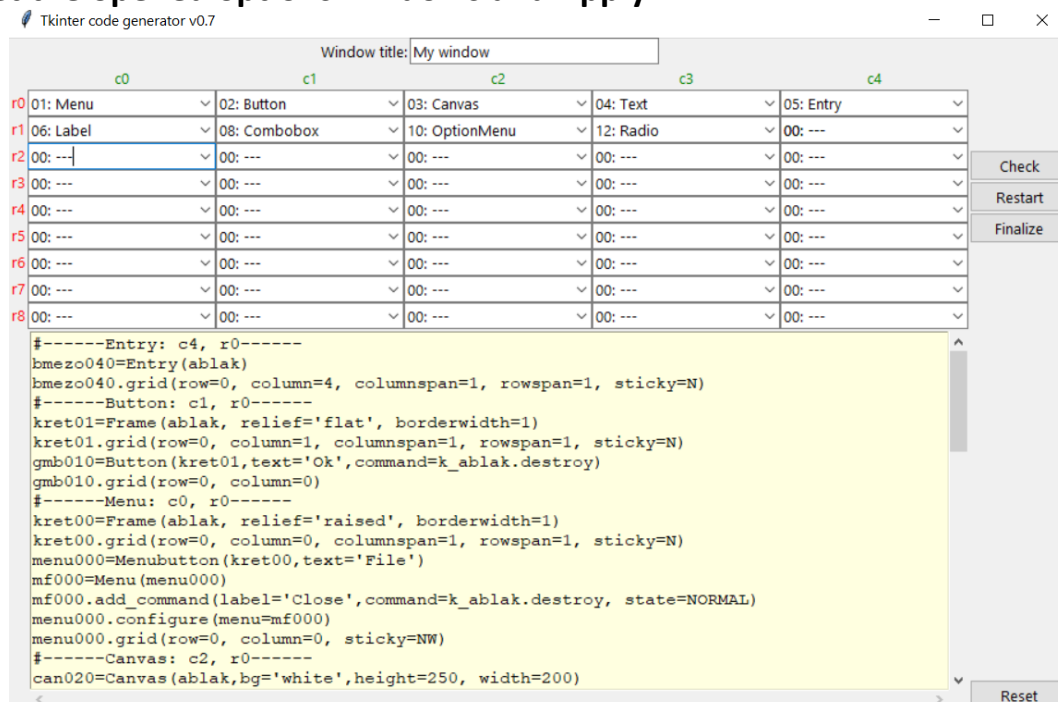
| | | |
|----|---------|---------|
| | c0 | c1 |
| r0 | 00: --- | 00: --- |
| r1 | 00: --- | 00: --- |

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)

4. Set the opened options windows and Apply


Tkinter code generator v0.7

Window title: My window

| | c0 | c1 | c2 | c3 | c4 |
|----|-----------|--------------|----------------|-----------|-----------|
| r0 | 01: Menu | 02: Button | 03: Canvas | 04: Text | 05: Entry |
| r1 | 06: Label | 08: Combobox | 10: OptionMenu | 12: Radio | 00: --- |
| r2 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| r3 | 00: --- | 00: --- | 00: --- | 00: --- | 00: --- |
| r4 | 00: --- | 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: --- |

```
#-----Entry: c4, r0-----
bmezo040=Entry(ablak)
bmezo040.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=Menubutton(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)
```

Check Restart Finalize

Reset

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 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.

Supported widgets:

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

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

If you like it you can donate me

Paypal



Thank you!