

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*

Tkinter code generator v0.7

Window title:

	c0	c1	c2	c3	c4
r0	01: Menu	00: ---	00: ---	00: ---	00: ---
r1	00: ---	00: ---	00: ---	00: ---	00: ---
r2	01: Menu	00: ---	00: ---	00: ---	00: ---
r3	02: Button	00: ---	00: ---	00: ---	00: ---
r4	03: Canvas	00: ---	00: ---	00: ---	00: ---
r5	04: Text	00: ---	00: ---	00: ---	00: ---
r6	05: Entry	00: ---	00: ---	00: ---	00: ---
r7	06: Label	00: ---	00: ---	00: ---	00: ---
r8	07: Label (s)	00: ---	00: ---	00: ---	00: ---
r9	08: Combobox	00: ---	00: ---	00: ---	00: ---
r10	09: ComboBox (s)	00: ---	00: ---	00: ---	00: ---

Check
Start
Finalize

Tkinter GUI code generator
It uses tkinter Grid geometry manager. (<https://effbot.org/tkinterbook/grid.htm>)
You will get pure Python tkinter code.

1. Select the desired widgets*
2. If you use rowspan/colspan press "Check" button
3. Press "Start" to generate codes
4. Set the opened options windows and Apply
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 col.span 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 col./rowspan

Reset

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

Tkinter code generator v0.7

Window title:

	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	08: Combobox	00: ---	00: ---	00: ---	00: ---
r6	09: ComboBox (s)	00: ---	00: ---	00: ---	00: ---
r7	10: OptionMenu	00: ---	00: ---	00: ---	00: ---
r8	11: OptionMenu (s)	00: ---	00: ---	00: ---	00: ---
r9	12: Radio	00: ---	00: ---	00: ---	00: ---
r10	13: Radio (s)	00: ---	00: ---	00: ---	00: ---
r11	14: Message	00: ---	00: ---	00: ---	00: ---
r12	15: Frame	00: ---	00: ---	00: ---	00: ---
r13	16: colspan <	00: ---	00: ---	00: ---	00: ---
r14	17: rowspan ^	00: ---	00: ---	00: ---	00: ---

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	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: ---

Check

Start

Finalize

- 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

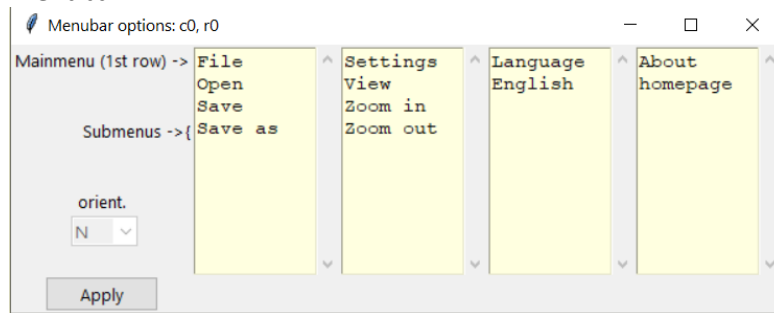
Radio options: c0, r2

Text options: c0, r1

Menu options: c3, r0

Menu options: c0, r0

Menubar

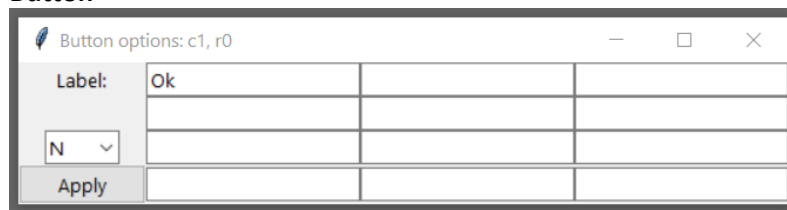


You can put 4 main menu (top blue line) and any submenu

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

Available settings: separate: '-' ; checkbox: '#' (eg: #yes)

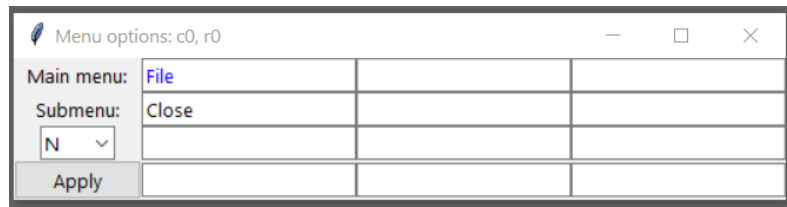
Button



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)

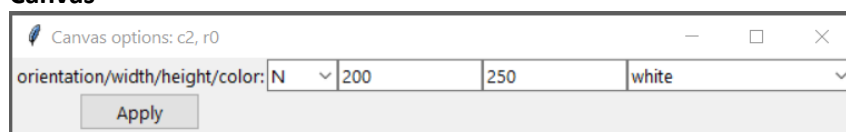
MenuButton



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

Available settings: orientation.

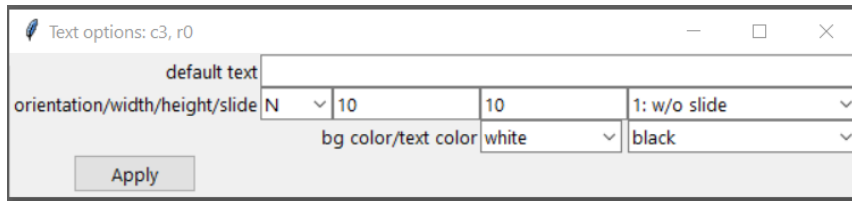
Canvas



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 | 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

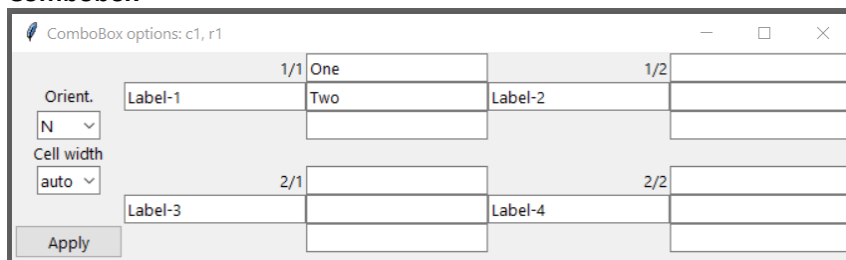
Text:

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

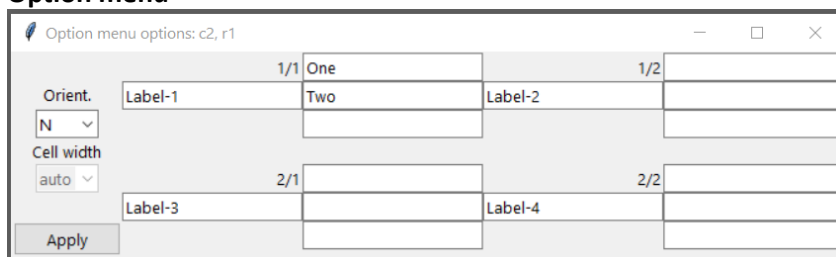
Apply

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	One	Label-2	
	Two		
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

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)

4. Set the opened options windows and Apply

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!