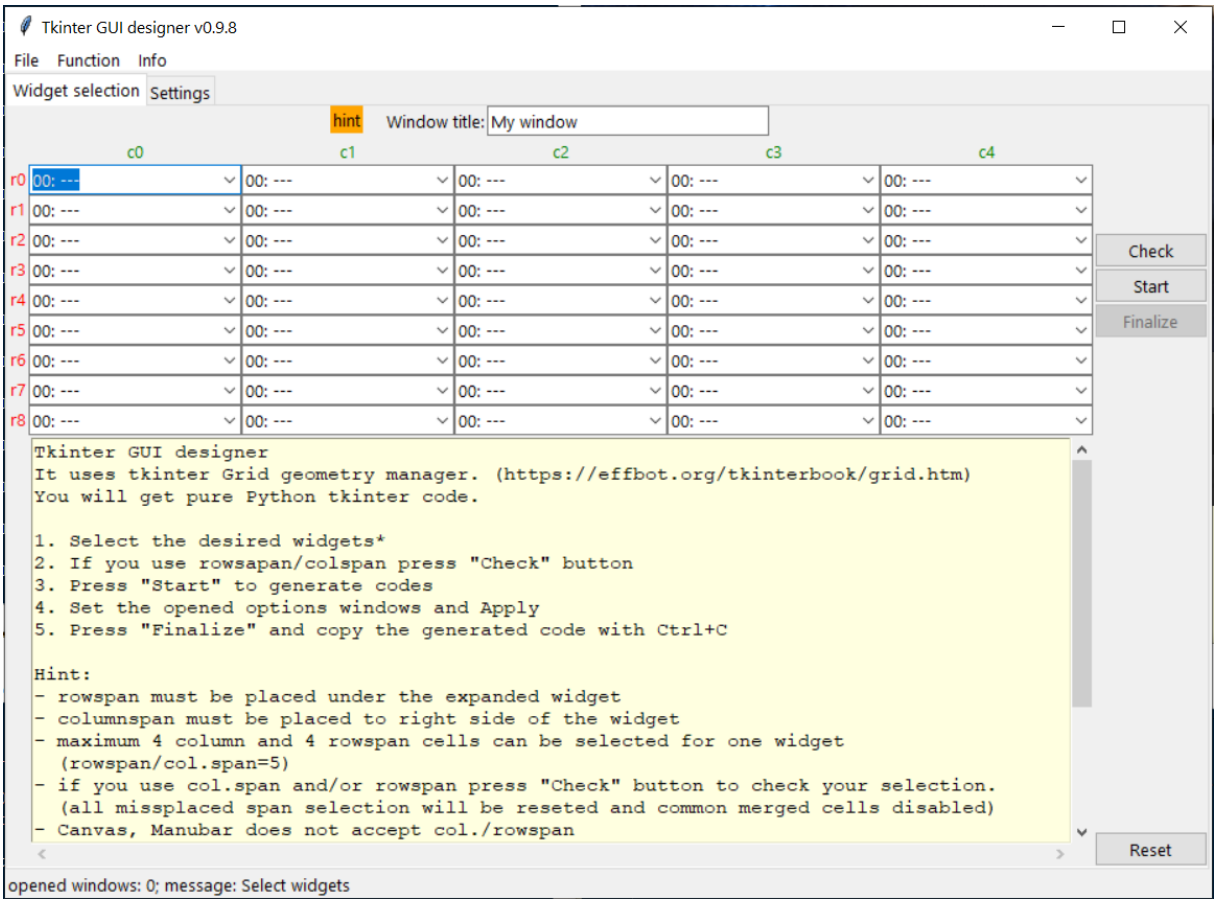
v1.2

Tkinter GUI designer

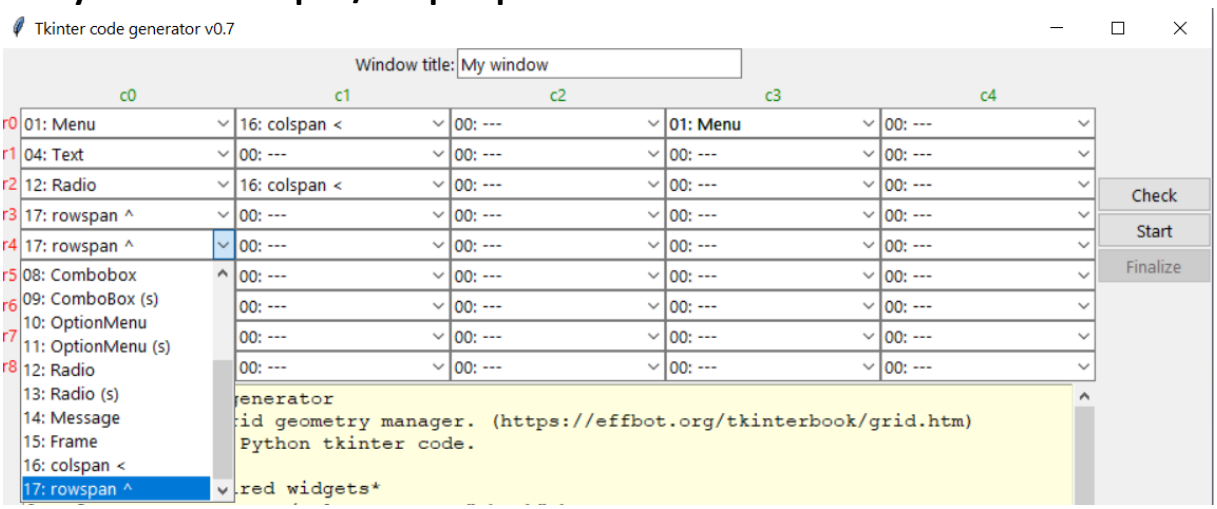
It is written in Python and you will get pure Python tkinter code.

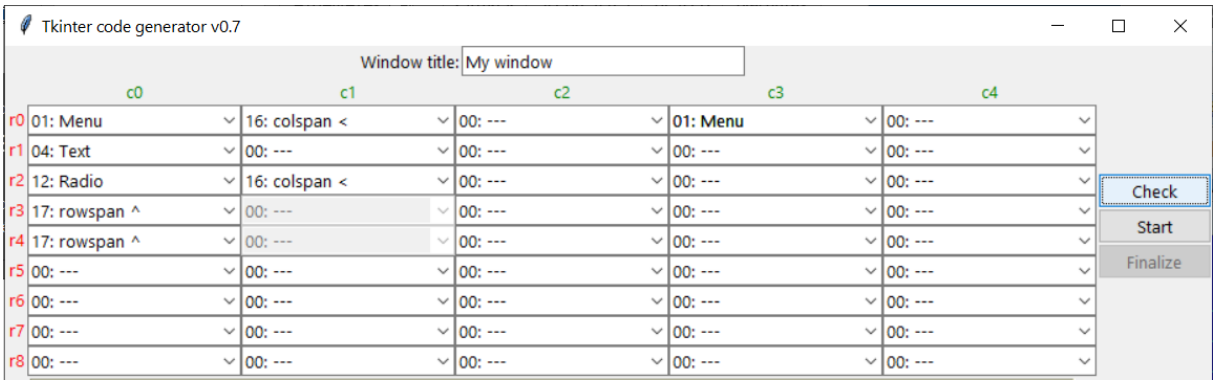
It uses tkinter Grid geometry manager. (https://effbot.org/tkinterbook/grid.htm)

1. Select the desired widgets*



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

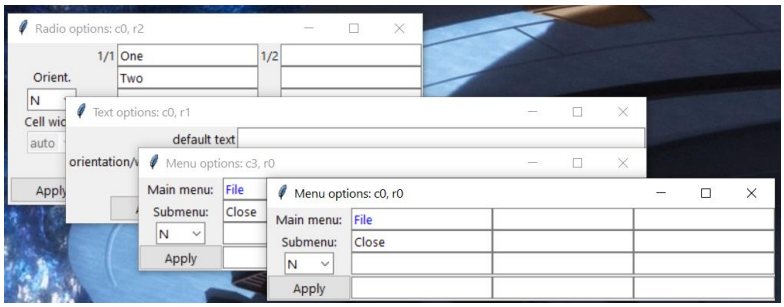




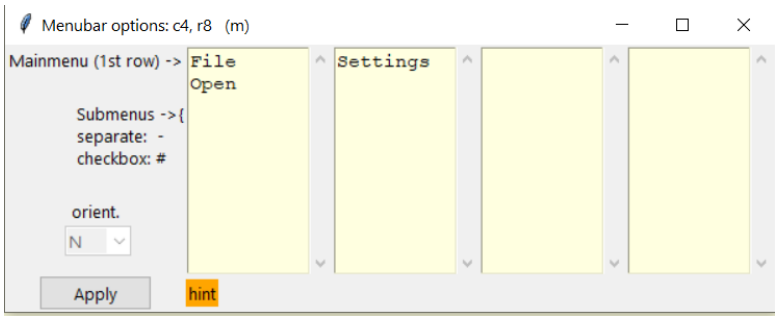
- All common merged cells will be disabled (for example c1-r3, c1-r4 on screenshot)
- Rowspan must be placed under the expanded widget
- Columnspan must be placed to right side of the widget
- Maximum 4 column and 4 rowspan cells can be selected for one widget (rowspan/col.span=5)
- If you use col.span and/or rowspan press "Check" button to check your selection.
- All missplaced 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

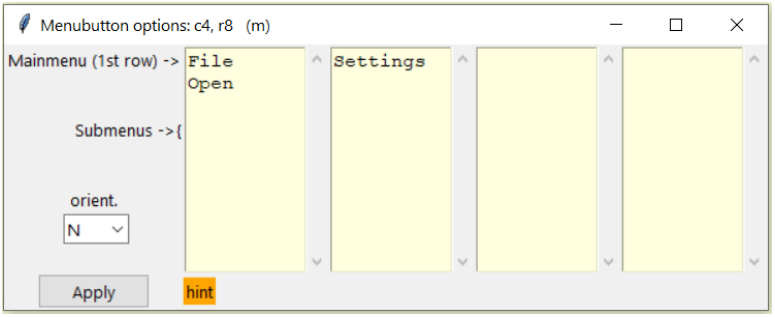


Menubar



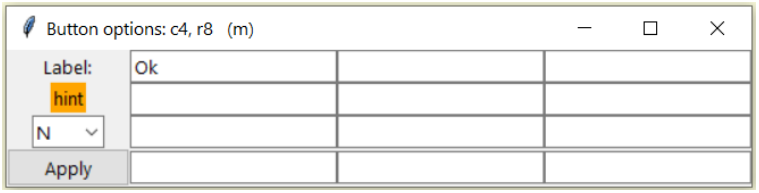
You can put 4 main menu (top blue line) and any submenu
First row: main menu (x4), other rows: submenu (any)
Available settings: separate: '-' ; checkbox: '#' (eg: #yes)

MenuButton



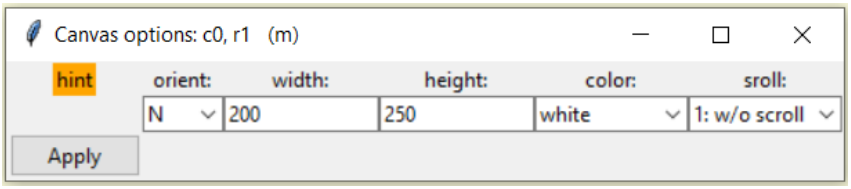
You can put 4 main menu (top row) and any submenu
Available settings: orientation.

Button



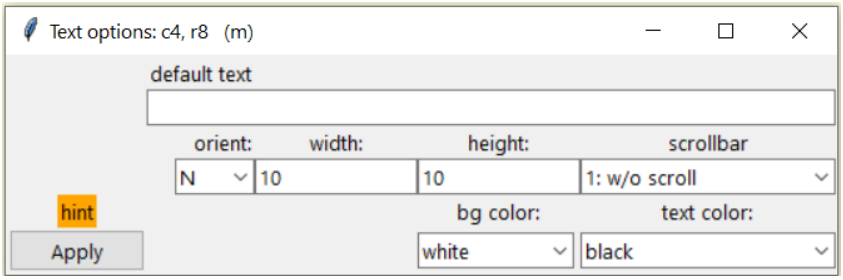
You can put 3x4 button in a frame. (min 1 button max 12button)
Available settings: orientation. N- North, E-East, S-South, W-West, NE,SE,SW,NW, N+S (expand between max N and max S), E+W (expand between max W and max E)

Canvas



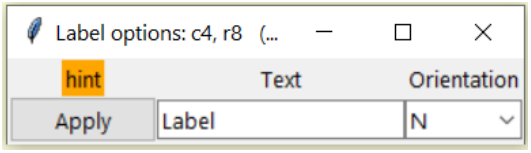
Available settings: orientation, width, height and color, scrollbar (without, with horizontal, with vertical or both)
You can select some color, select 'pick a color' to open color selector or write any standard python color code here.

Text



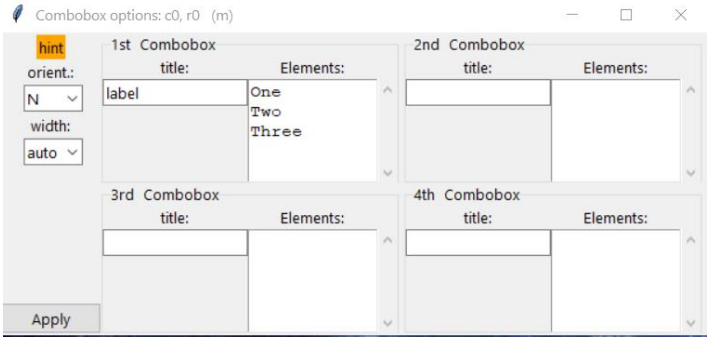
Available settings: default text, orientation, width, height, scrollbar (without, with horizontal, with vertical or both) and background and text color
You can select some color, select 'pick a color' to open color selector or write any standard python color code here.

Label



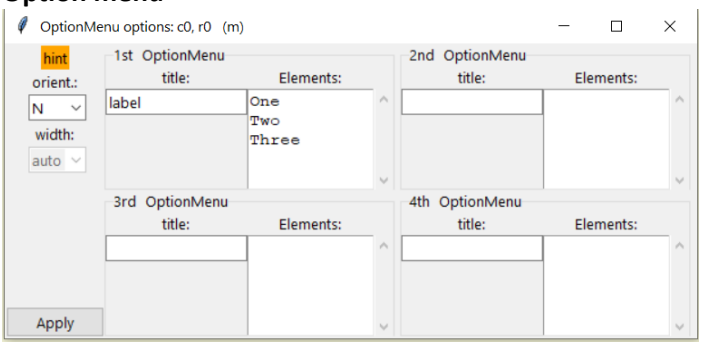
Available settings: default text and orientation

Combobox



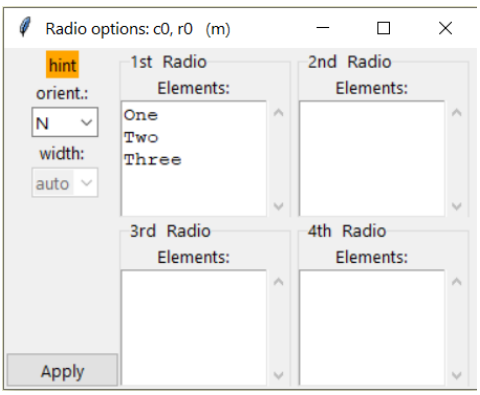
You can place up to 4 comboboxs with unlimited options
Available settings:
Orientation, Cell width, Label (for each combobox), unlimited options (for each combobox)

Option menu



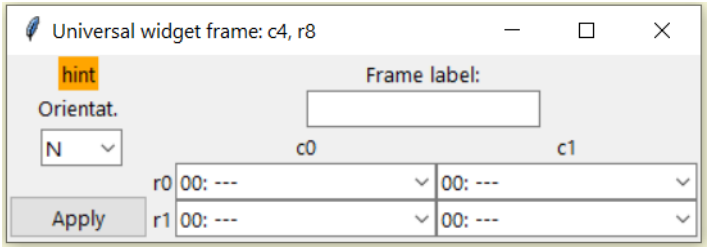
You can place up to 4 option menus with unlimited options
Available settings:
Orientation, Label (for each combobox), unlimited options (for each combobox)

Radio



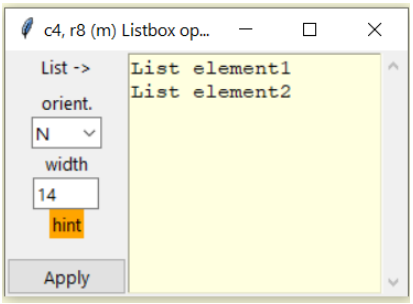
You can place up to 4 radio with 3 options
Available settings: Orientation, 3 options (for each combobox)

Universal Frame



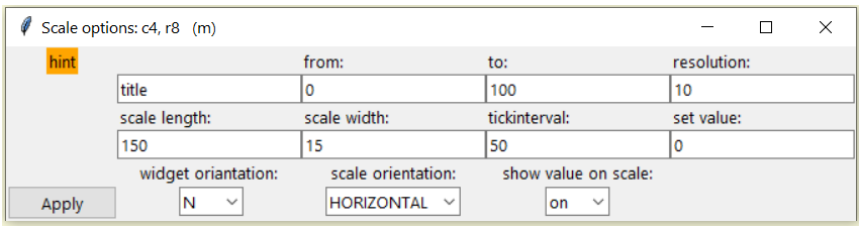
You can place any widget* (up to 4)
*menu (3x3), button (4x3), canvas, text with scroll, entry, label, combobox (4x3), optionmenu (4x3),radio (4x3)
Available settings:
Orientation, 4 widget selection, label text (with text: LabelFrame / without: Frame)

Listbox



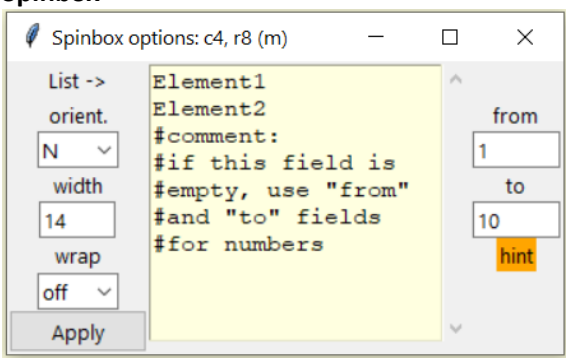
You can place any line into the list
Available settings: Orientation, width

Scale



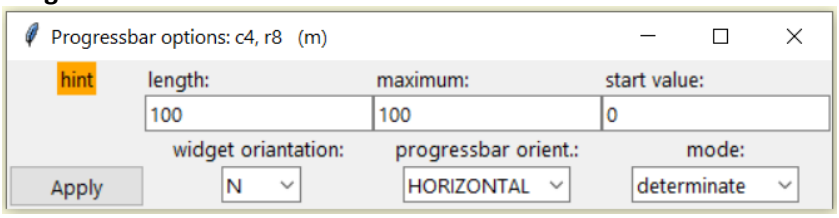
Available settings:
scale label, from, to, resolution, scale length, scale width, thickinterval, set value, widget orientation, scale orientation, show value

Spinbox



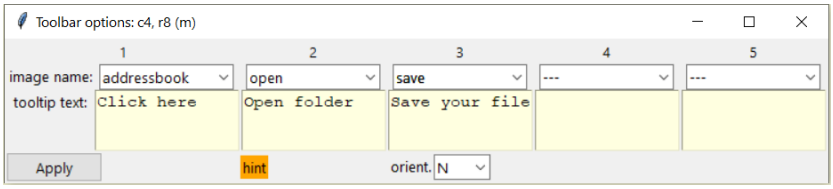
Available settings: from, to, wrap, list items, width, orientation

Progressbar



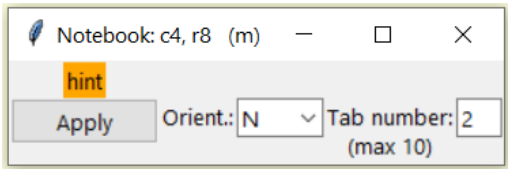
Available settings:
length, maximum, start value, widget orientation, progressbar orientation, mode

Toolbar



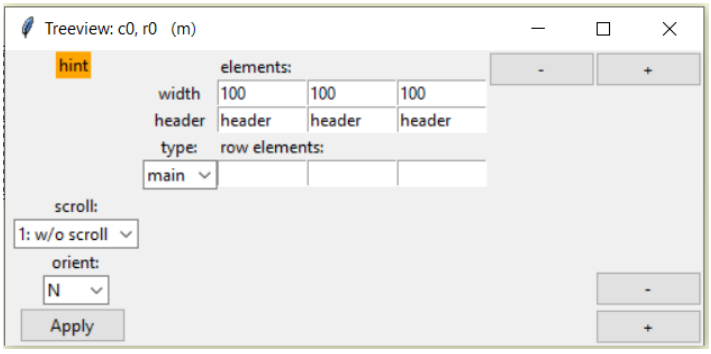
Available settings:
PNG image select, Tooltip text, orientation, hint

Notebook



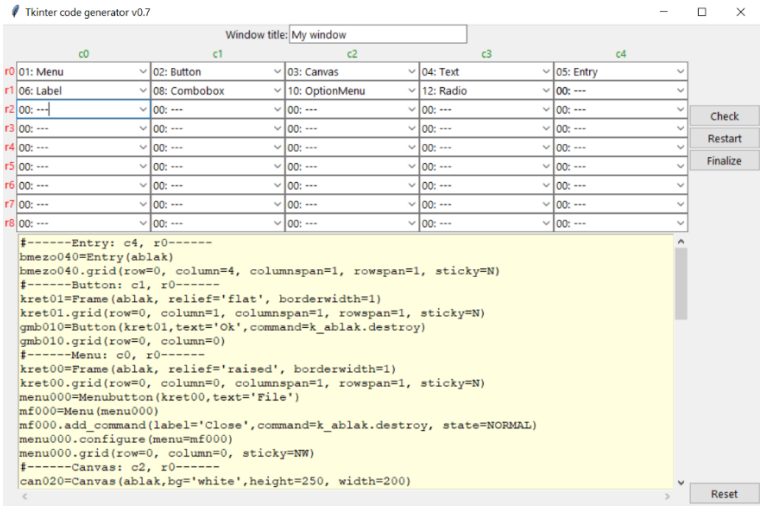
Available settings:
Orientation, Tab number -> it will open as many universal frame option windows as tab numbers you set

Treeview



Available settings:
Orientation, scrollbar (without, with horizontal, with vertical or both), unlimited columns, width for each columns, header for each columns, unlimted row, that can be main and sub. (You can leave it empty)

4. Set the opened options windows and Apply



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

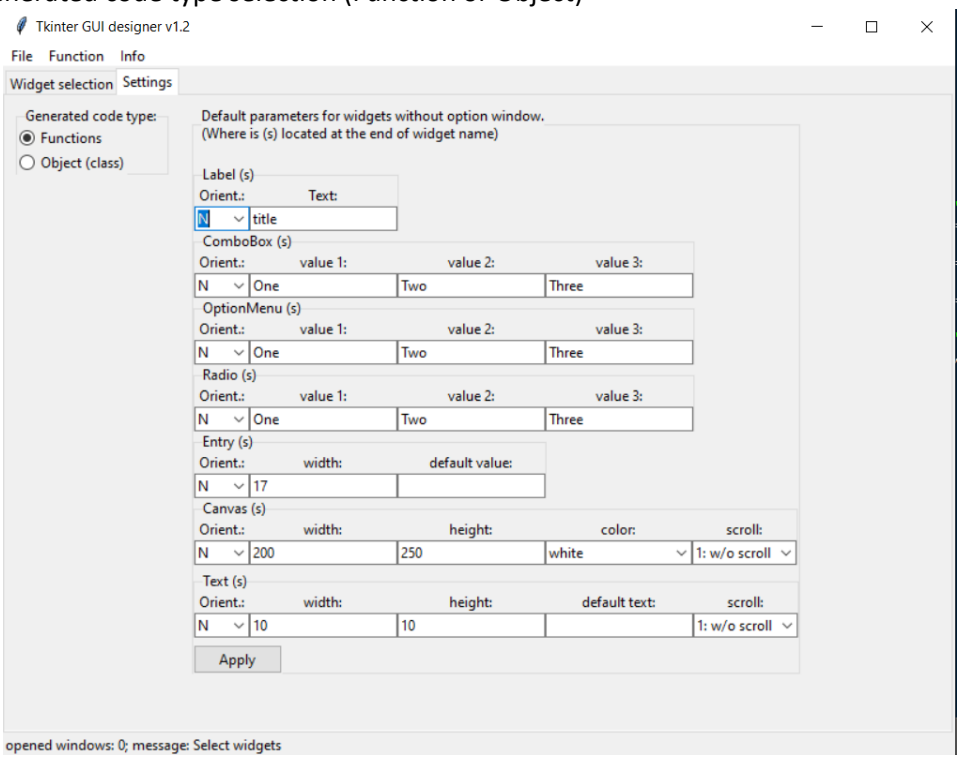
5. Press "Finalize" and copy the generated code with Ctrl+C

Hint:

- rowspan must be placed under the expanded widget
- columnspan must be placed to right side of the widget
- maximum 4 column and 4 rowspan cells can be selected for one widget (rowspan/col.span=5)
- if you use columnspan and/or rowspan press "Check" button to check your selection.
    - all missplaced 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 (where is (s) located at the end of widget name), possible to modify the default parameters
- Generated code type selection (Function or Object)



Supported widgets:

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

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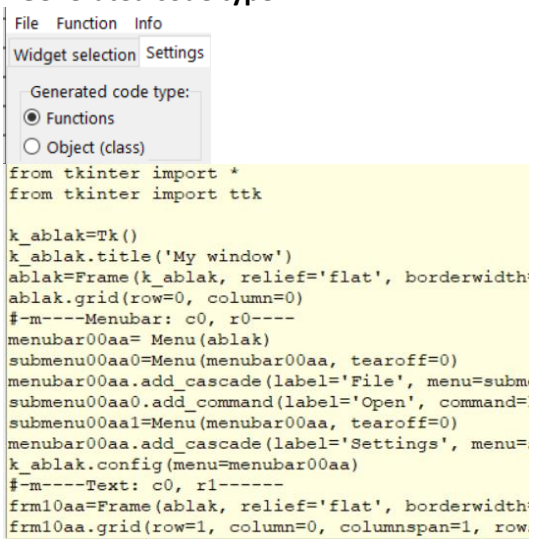
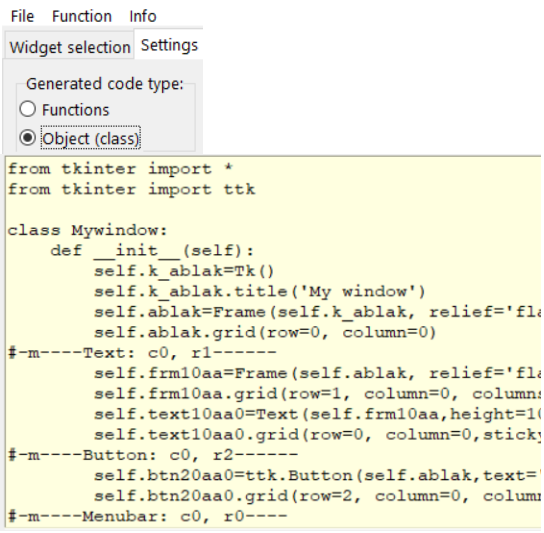
Menu:

- **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**



default/unselected: Function



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

If you like it you can donate me
Paypal

Thank you!