
menupy

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TABLE OF CONTENTS:

1	Installation	3
1.1	menupy	3
1.2	Examples:	5
2	Indices and tables	7
	Python Module Index	9
	Index	11

Interactive Python Menu

About menupy

CLI Menu creation with easy, fast, flexible usage for the programmer, and a clean layout for their users.

INSTALLATION

```
pip install menupy
```

1.1 menupy

1.1.1 menupy package

Module contents

```
class menupy.InputMenu (title,      cur='->',      submit='Submit',      title_color='white',      title_bg_color='black',      cur_color='white',      cur_bg_color='black',      submit_color='white',      submit_bg_color='black')
```

Bases: [menupy.Menu](#)

Menu With Input Labels and Fields

Create menu and add input label

Parameters

- **title** (*str*) – Title to display on menu
- **cur** (*str*) – Menu cursor look
- **submit** (*str*) – Text to display for submit button
- **title_color** (*color*) – Color for title text
- **title_bg_color** (*color*) – Color for title background
- **cur_color** (*color*) – Color for cursor
- **cur_bg_color** (*color*) – Color for cursor background
- **submit_color** (*color*) – Color for submit button text
- **submit_bg_color** (*color*) – Color for submit button background

```
add_input (option,  input_text="",  color='white',  bg_color='black',  input_color='white',  input_bg_color='black',  input_length=20)
```

Add option to your InputMenu object

Parameters

- **option** (*str*) – Label for input to be displayed
- **input_text** (*str*) – Default text to be displayed in input field

- **color** (*color*) – Color for label text
- **bg_color** (*color*) – Color for label background
- **input_color** (*color*) – Color for input text
- **input_bg_color** (*color*) – Color for input background
- **input_length** (*int*) – Length of input field

run()

Display Input Menu

Returns Input Labels and Fields

Return type dict

class `menupy.Menu` (*title*, *title_color*='white', *title_bg_color*='black')

Bases: `object`

A Base class. Not to be used directly.

colors = {'black': 0, 'blue': 4, 'cyan': 6, 'green': 2, 'magenta': 5, 'red': 1,

class `menupy.OptionMenu` (*title*, *cur*='->', *title_color*='white', *title_bg_color*='black',
cur_color='white', *cur_bg_color*='black')

Bases: `menupy.Menu`

Menu With Options to Select

Create menu and add options for selection

Parameters

- **title** (*str*) – Title to display on menu
- **cur** (*str*) – Menu cursor look
- **title_color** (*color*) – Color for title text
- **title_bg_color** (*color*) – Color for title background
- **cur_color** (*color*) – Color for cursor
- **cur_bg_color** (*color*) – Color for cursor background

add_option (*option*, *color*='white', *bg_color*='black', *ret*=None)

Add option to your OptionMenu object

Parameters

- **option** (*str*) – Option to be displayed
- **color** (*color*) – Color for option text
- **bg_color** (*color*) – Color for option background
- **ret** (*Any*) – Custom Return value

run()

Display Option Menu

Returns Selected Option

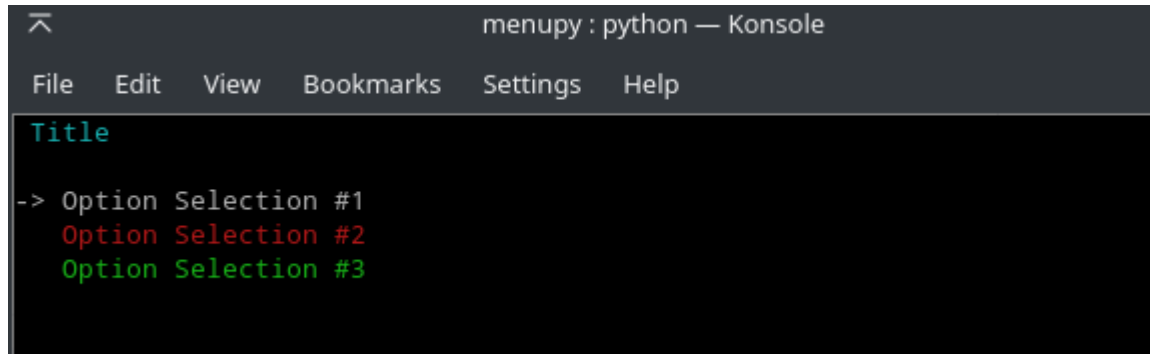
Return type str

1.2 Examples:

Option Menu

```
import menupy

NewMenu = menupy.OptionMenu("Title", title_color="cyan")
NewMenu.add_option("Option Selection #1")
NewMenu.add_option("Option Selection #2", color="red")
NewMenu.add_option("Option Selection #3", color="green")
result = NewMenu.run()
```

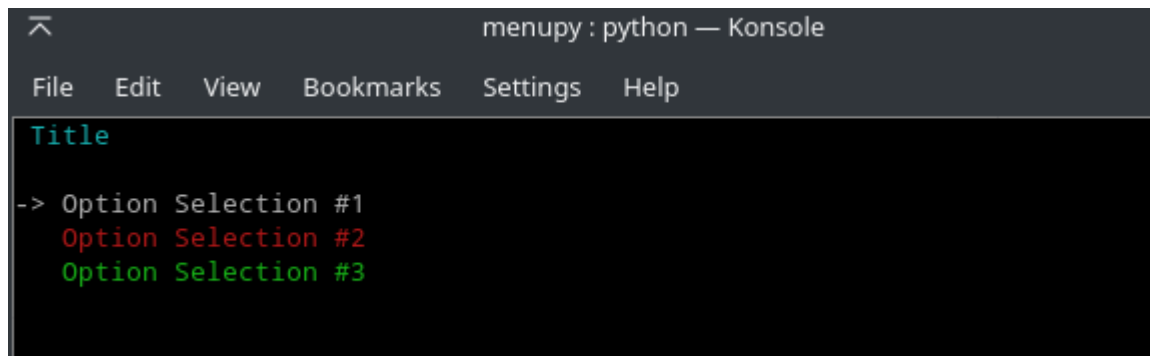


```
menupy : python — Konsole
File Edit View Bookmarks Settings Help
Title
-> Option Selection #1
    Option Selection #2
    Option Selection #3
```

Input Menu

```
import menupy

NewMenu = menupy.InputMenu("Title", title_color="cyan")
NewMenu.add_input("Input #1")
NewMenu.add_input("Input #2", color="magenta")
NewMenu.add_input("Input #3", color="yellow", input_text="default", input_color="blue",
↵")
result = NewMenu.run()
```



```
menupy : python — Konsole
File Edit View Bookmarks Settings Help
Title
-> Option Selection #1
    Option Selection #2
    Option Selection #3
```


INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

PYTHON MODULE INDEX

m

menupy, 3

INDEX

A

`add_input()` (*menupy.InputMenu method*), 3
`add_option()` (*menupy.OptionMenu method*), 4

C

`colors` (*menupy.Menu attribute*), 4

I

`InputMenu` (*class in menupy*), 3

M

`Menu` (*class in menupy*), 4
`menupy` (*module*), 3

O

`OptionMenu` (*class in menupy*), 4

R

`run()` (*menupy.InputMenu method*), 4
`run()` (*menupy.OptionMenu method*), 4