

Widget Option : state

- To understand the concept of highlight lets take two buttons, in this if we press tab the button who is active currently will show a colour the colour indicated the highlight
- Highlight is use to make something standout from others which is currently being used
- This is also called as focus
- The highlight options are as follows

Widget Highlight

highlightbackground

highlightcolour

highlightthickness

takefocus

indicatoron (indicatoron = True / False)

- An example of this is as follows

```
from tkinter import *
from tkmacosx import *

win = Tk()
win.title('My First Application')
win.geometry('600x400')

b1 = Button(win, text='Button 1', highlightbackground='red', highlightthickness=3, highlightcolor='yellow')
b1.pack()

b2 = Button(win, text='Button 2')
b2.pack()

win.mainloop()
```

- Widget state has 3 options ACTIVE, NORMAL , DISABLED

Widget State

state (ACTIVE, NORMAL , DISABLED)

activebackground

disablebackground

activeforeground

disableforeground

activeborderwidth

activestyle (UNDERLINE, DOTBOX)

- In Disabled state even tho the widget is present it cannot be use
- In Active state when you click the button it becomes active just like a ON/OFF switch
- The Normal State is default

```
b1 = Button(win, text='Button 1', state=NORMAL)
b1.pack()
```

- The other state options are

```
b1 = Entry(win, state=DISABLED, disabledbackground='red', disabledforeground='yellow')
b1.pack()
```

- We can also change the active style of the state in a widget

```
b1 = Listbox(win, activestyle=UNDERLINE)
b1.insert(0, 'a')
b1.insert(1, 'b')
b1.insert(2, 'c')
b1.insert(3, 'd')
b1.pack()
```