

python tkinter) how do I command the button to callback class?

Asked 7 years, 5 months ago · Active 7 years, 5 months ago · Viewed 1k times

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I want my santa button to callback my d_day class when its clicked but I'm not sure how to do it. Below is the source code I've got so far! I've run it but nothing happens.. nothing running, no errors whatsoever. Can anyone tell me what the problem is? Thanks a lot!

```
from Tkinter import *
import random
import datetime

root = Tk()

class D_day:
    def __init__(self, root, time):
        self.root = root
        self.frame = Frame(self.root)
        self.dDay = datetime.datetime.strptime(time, "%m/%d/%y")
        self.calDays = Label(self.frame)
        self.count = Button(self.frame, text="Countdown", background='green',
command=lambda:self.root.after(1000, self.update))
        self.daysLabel = Label(self.frame, text="Days left until (mm/dd/yy):")
        self.dDayE = Entry(self.frame)
        self.dDayE.insert(0, time)
        self.frame.grid()
        self.calDays.grid(row=1,column=1, columnspan=3)
        self.count.grid(row=2, column=1, rowspan=2)
        self.daysLabel.grid(row=2, column=2)
        self.dDayE.grid(row=3, column=2)

    def update(self):
        remaining = self.dDay-datetime.datetime.now()
        daysRemaining = remaining.days
        self.calDays.config(text="HoHoHo {days} days until
Christmas!".format(days=daysRemaining))
        self.root.after(1000, self.update)

d = D_day(root, "12/25/13")

c = Canvas(root, width=500, height=400, background='black')
c.create_text(250, 90, text="Merry Christmas", font='Times 28 bold italic', fill='red')
c.create_text(250, 130, text="and", font='Times 15 bold italic', fill='white')
c.create_text(250, 170, text="Happy New Year", font='Times 28 bold italic',
fill='green')
c.pack()

flake = []
for i in range(80):
    flake.append(c.create_text(random.randrange(500), random.randrange(400), text="*",
fill='white', font='Times 27'))

santa = Button(root, text = "Click me!", foreground = 'red', compound = TOP, command=d)
photo = PhotoImage(file = "C:/Users/admin/Desktop/python/santa.gif")
```

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asked Dec 2 '13 at 16:15



[user3048454](#)

11 3

Try to build your code step-by-step. So first, make sure you can draw the main canvas, then add widgets, then add buttons and other events. Coding in an iterative manner will help you narrow down the problem. – [Dirty Penguin](#) Dec 2 '13 at 16:40

1 Answer

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Modify the following template to suit your needs:

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```
class D_day:
    def __init__(self, root):
        self.root = root
        c = Canvas(self.root, width=500, height=400, background='black')
        c.create_text(250, 90, text="Merry Christmas", font='Times 28 bold italic',
fill='red')
        c.create_text(250, 130, text="and", font='Times 15 bold italic', fill='white')
        c.create_text(250, 170, text="Happy New Year", font='Times 28 bold italic',
fill='green')
        c.pack()
        santa = Button(self.root, text="Click me!", command=self.santa_click)
        santa_window = c.create_window(200, 300, anchor=NW, window=santa)

    def santa_click(self):
        print "You clicked me!\n"

root = Tk()
root.title("D Day Test")
d_day = D_day(root)
root.mainloop()
```

Modify the `santa_click` method to change the behavior. I'll let you work on that one.

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edited Dec 4 '13 at 17:53

answered Dec 2 '13 at 16:54



[Dirty Penguin](#)

3,610 9 37 65

thanks for your comment! I'm working on changing the behavior right now but I have one question. Is there a way to make the santa button appear on canvas? I tried the `c.create_window` under class but it doesn't seem to work. thanks for your help! – [user3048454](#) Dec 4 '13 at 11:02

Updated the template so that the `santa` button is drawn on the `c` canvas – [Dirty Penguin](#) Dec 4 '13 at

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code but when I add those lines the button deactivates and comes out grey with no image, just bigger. Can you tell me what the problem is? Oh and I'm having trouble with the `santa_click` too.. is there a way to make it command so it callsback a class? – [user3048454](#) Dec 5 '13 at 1:19 
