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from tkinter import *
import time

def main():

    def sendMsg():#发送消息
        strMsg = '我:' + time.strftime("%Y-%m-%d %H:%M:%S",
                                         time.localtime()) + '\n '
        txtMsgList.insert(END, strMsg, 'greencolor')
        txtMsgList.insert(END, txtMsg.get('0.0', END))
        txtMsg.delete('0.0', END)

    def cancelMsg():#取消消息
        txtMsg.delete('0.0', END)

    def sendMsgEvent(event): #发送消息事件
        if event.keysym == "Up":
            sendMsg()

    #创建窗口
    t = Tk()
    t.title('与python聊天中')

    #创建frame容器
    frmLT = Frame(width=500, height=320, bg='white')
    frmLC = Frame(width=500, height=150, bg='white')
    frmLB = Frame(width=500, height=30)
    frmRT = Frame(width=200, height=500)

    #创建控件
    txtMsgList = Text(frmLT)
    txtMsgList.tag_config('greencolor', foreground='#008C00')#创建tag
    txtMsg = Text(frmLC);
    txtMsg.bind("<KeyPress-Up>", sendMsgEvent)
    btnSend = Button(frmLB, text='发 送', width = 8, command=sendMsg)
    btnCancel = Button(frmLB, text='取消', width = 8, command=cancelMsg)
    imgInfo = PhotoImage(file = "python.gif")
    lblImage = Label(frmRT, image = imgInfo)
    lblImage.image = imgInfo

    #窗口布局
    frmLT.grid(row=0, column=0, columnspan=2, padx=1, pady=3)
    frmLC.grid(row=1, column=0, columnspan=2, padx=1, pady=3)
    frmLB.grid(row=2, column=0, columnspan=2)
    frmRT.grid(row=0, column=2, rowspan=3, padx=2, pady=3)
    #固定大小
    frmLT.grid_propagate(0)
    frmLC.grid_propagate(0)
    frmLB.grid_propagate(0)
    frmRT.grid_propagate(0)

    btnSend.grid(row=2, column=0)
    btnCancel.grid(row=2, column=1)
    lblImage.grid()
    txtMsgList.grid()
    txtMsg.grid()

    #主事件循环
    t.mainloop()

if __name__ == '__main__':
    main()

```