

How to clear/delete the contents of a Tkinter Text widget?

Asked 6 years, 6 months ago · Active 1 month ago · Viewed 155k times



57



I am writing a Python program in `tkinter` on Ubuntu to import and print the name of files from particular folder in `Text` widget. It is just adding filenames to the previous filenames in the `Text` widget, but I want to clear it first, then add a fresh list of filenames. But I am struggling to clear the `Text` widget's previous list of filenames.

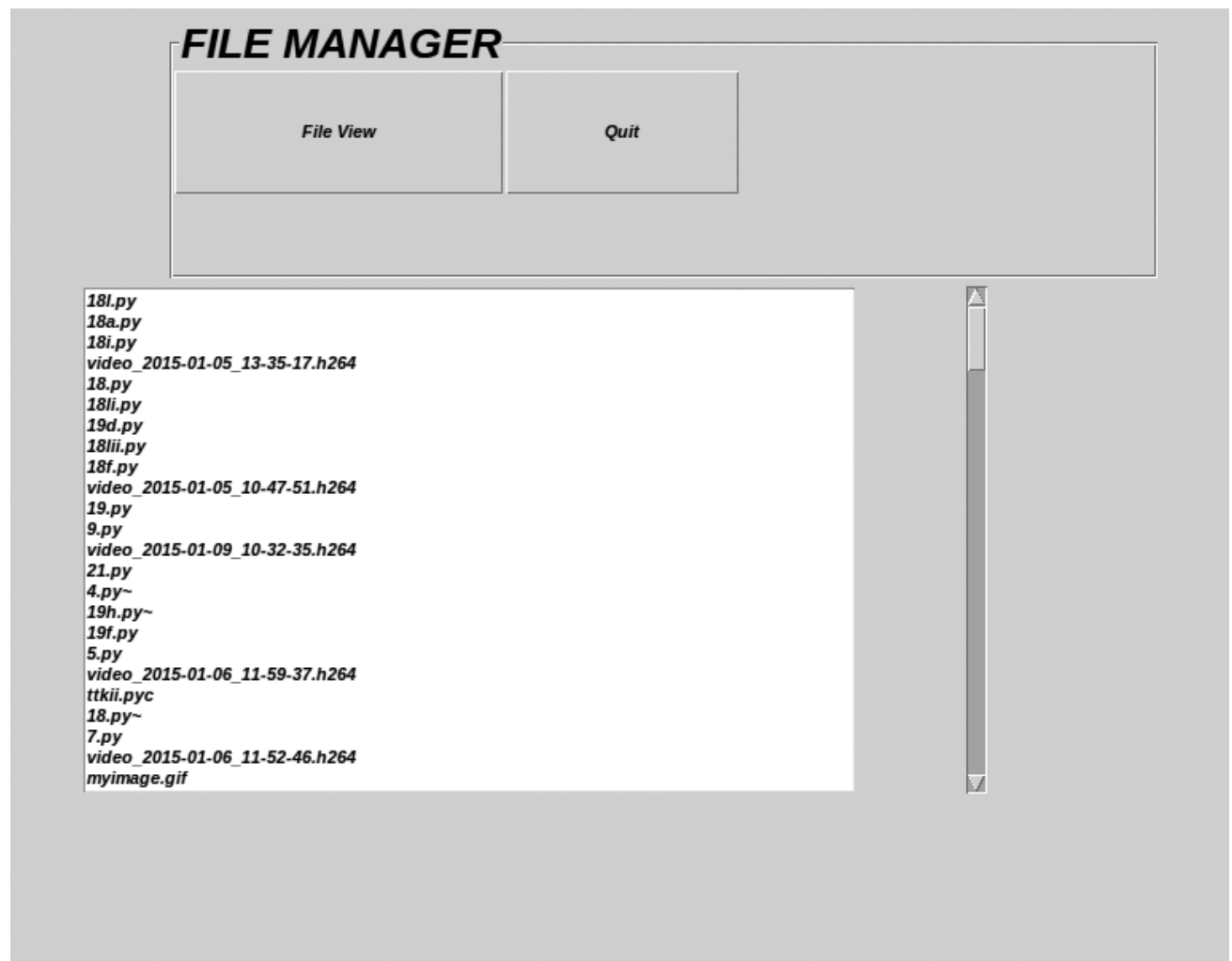


Can someone please explain how to clear a `Text` widget?

8



Screenshoot and coding is giving below:



```
import os
from Tkinter import *

def viewFile():
    path = os.path.expanduser("~/python")
    for f in os.listdir(path):
```

```

root = Tk()

step= root.attributes('-fullscreen', True)
step = LabelFrame(root, text="FILE MANAGER", font="Arial 20 bold italic")
step.grid(row=0, columnspan=7, sticky='W', padx=100, pady=5, ipadx=130, ipady=25)

Button(step, text="File View", font="Arial 8 bold italic", activebackground=
        "turquoise", width=30, height=5, command=viewFile).grid(row=1, column=2)
Button(step, text="Quit", font="Arial 8 bold italic", activebackground=
        "turquoise", width=20, height=5, command=root.quit).grid(row=1, column=5)

tex = Text(master=root)
scr=Scrollbar(root, orient=VERTICAL, command=tex.yview)
scr.grid(row=2, column=2, rowspan=15, columnspan=1, sticky=NS)
tex.grid(row=2, column=1, sticky=W)
tex.config(yscrollcommand=scr.set, font=('Arial', 8, 'bold', 'italic'))

root.mainloop()

```

python tkinter text-widget

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edited Nov 11 '17 at 16:00



martineau

101k 22 141 253

asked Jan 15 '15 at 15:15



Fahadkalis

2,441 5 20 36

- 1 Have you read any documentation for the text widget? This feature is clearly documented. You say you're struggling, can you show us what you've tried? – [Bryan Oakley](#) Jan 15 '15 at 15:22 ✎
- 1 Maybe effbot.org/tkinterbook/entry.htm#Tkinter.Entry.delete-method – [pss](#) Jan 15 '15 at 15:34
- Can you plz write the one statement here to get my required result – [Fahadkalis](#) Jan 15 '15 at 15:45
- 1 @BryanOakley reading the docs seems like a good point though in my opinion the tkinter documentation needs certain kind of transfer effort. So if you ask me: more dokumentation in the form of a question is good documentation. So +1 from me. – [enthus1ast](#) Aug 22 '16 at 8:37 ✎
- 1 @enthus1ast: I completely agree that the online effbot.org documentation leaves much to be desired. So instead of using it, I frequently use the [Tkinter 8.5 reference guide](#) instead, which was written by John Shipman for the NM Tech Computer Center. – [martineau](#) Nov 11 '17 at 16:18

8 Answers

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I checked on my side by just adding '1.0' and it start working

92

```
tex.delete('1.0', END)
```



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Fahadkalis

2,441 5 20 36

7 Thanks, that worked once I realized I needed to do a `tex.config(state=NORMAL)` before I could delete it. – Seth May 17 '17 at 20:54

4 `1.0` or `'1.0'` both work. Make sure the state of the widget is set to normal, `tex.config(state=NORMAL)` . – TankorSmash Oct 4 '18 at 0:38

1 @TankorSmash Your comment helps me understanding my error. if `state=disabled` , then it won't work. – chessguy Jul 23 '20 at 21:36

I am getting this error `self.Text_box.delete('1.0' , END)` `NameError: name 'END' is not defined` – user13786942 Oct 4 '20 at 8:00 ✎

1 @NeoNØVÅ7 `END` only works if you did `from Tkinter import *` . If you haven't imported everything from Tkinter, then you need to do `tk.END` instead. – Samuel Bierwagen Oct 16 '20 at 23:06 ✎



According to the tkinterbook the code to clear a text element should be:

23

```
text.delete(1.0,END)
```



This worked for me. [source](#)

It's different from clearing an entry element, which is done like this:

```
entry.delete(0,END) #note the 0 instead of 1.0
```

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edited Dec 13 '16 at 15:03



nalzok

12.2k 17 57 105

answered Nov 4 '16 at 15:00



DaanP

271 2 5

I find it strange that `1.0` works (although it indeed does) since my understanding is the Tkinter indices should be specified as strings like `'1.0'` (which also works and is how it's done in most of the other places in the same document). – martineau Nov 11 '17 at 16:39 ✎



this works

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```
import tkinter as tk
inputEdit.delete("1.0",tk.END)
```



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answered Apr 11 '18 at 2:14



Sai Gopi Me

10.1k 1 66 10



8



```
from Tkinter import *
```

```
app = Tk()
```

```
# Text Widget + Font Size
```

```
txt = Text(app, font=('Verdana',8))
```

```
txt.pack()
```

```
# Delete Button
```

```
btn = Button(app, text='Delete', command=lambda: txt.delete(1.0,END))
```

```
btn.pack()
```

```
app.mainloop()
```

Here's an example of `txt.delete(1.0,END)` as mentioned.

The use of `lambda` makes us able to delete the contents without defining an actual function.

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edited Nov 15 '19 at 12:32

answered Jul 20 '17 at 0:05



loxsat

2,715

1

22

28

How to set the scrollbar for that viewing text data? – Mathan Jul 23 '20 at 7:34



2



for me "1.0" didn't work, but '0' worked. This is Python 2.7.12, just FYI. Also depends on how you import the module. Here's how:

```
import Tkinter as tk
```

```
window = tk.Tk()
```

```
textBox = tk.Entry(window)
```

```
textBox.pack()
```

And the following code is called when you need to clear it. In my case there was a button Save that saves the data from the Entry text box and after the button is clicked, the text box is cleared

```
textBox.delete('0',tk.END)
```

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answered Jun 19 '18 at 20:19



George Mogilevsky

471

3

8



I think this:

0

```
text.delete("1.0", tkinter.END)
```



Or if you did `from tkinter import *`



```
text.delete("1.0", END)
```

That should work

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answered Aug 20 '20 at 23:48



LolaKid

21 2

1 This is a copy of @Fahadkalis's accepted solution which was posted all the way back in 2015. – Spooky Aug 21 '20 at 4:50



A lot of answers ask you to use `END`, but if that's not working for you, try:

0

```
text.delete("1.0", "end-1c")
```



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edited Nov 20 '20 at 23:44



Dharman

22.3k 19 58 108

answered Nov 20 '20 at 23:38



Momoro

679 3 23



```
text.delete(0, END)
```

-1

This deletes everything inside the text box



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answered Jun 7 at 17:18



Kazuma

1



2 This answer has already been provided. Please do not add duplicate answers. – BuddyBob Jun 7 at 18:36