
tkfontchooser Documentation

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A simple font chooser for Tkinter that allow the user to select the font family among the fonts available on his/her system. The size and style (bold, italic, underline, strikethrough) of the text can be set too.

This module contains a `FontChooser` class which implements the font chooser and an `askfont` function that displays the font chooser and returns the chosen font when the user closes the font chooser. The font is returned as a dictionary like the one returned by the function `tkFont.Font.actual`.

1.1 Requirements

- Linux, Windows, Mac
- Python 2 or 3 with tkinter and ttk

1.2 Install

- Ubuntu: use the PPA [ppa:j-4321-i/ppa](#)

```
$ sudo add-apt-repository ppa:j-4321-i/ppa
$ sudo apt-get update
$ sudo apt-get install python(3)-tkfontchooser
```

- Archlinux:
the package is available in [AUR](#)
- With pip:

```
$ pip install tkfontchooser
```


2.1 askfont

`tkfontchooser.askfont` (*master=None*, *text='Abcd'*, *title='Font Chooser'*, ***font_args*)

Open the font chooser and return a dictionary of the font properties.

General Arguments:

- master** [Tk or Toplevel instance] master window
- text** [str] sample text to be displayed in the font chooser
- title** [str] dialog title

Font arguments:

- family** [str] font family
- size** [int] font size
- slant** [str] “roman” or “italic”
- weight** [str] “normal” or “bold”
- underline** [bool] whether the text is underlined
- overstrike** [bool] whether the text is overstricken

Output:

dictionary is similar to the one returned by the `actual` method of a tkinter `Font` object:

```
{ 'family': str,  
  'size': int,  
  'weight': 'bold'/'normal',  
  'slant': 'italic'/'roman',  
  'underline': bool,  
  'overstrike': bool }
```

2.2 FontChooser

FontChooser inherits from all Toplevel methods.

```
class tkfontchooser.FontChooser (master, font_dict={}, text='Abcd', title='Font Chooser',  
                                **kwargs)
```

Font chooser dialog.

```
__init__ (master, font_dict={}, text='Abcd', title='Font Chooser', **kwargs)  
    Create a new FontChooser instance.
```

Arguments:

master [Tk or Toplevel instance] master window

font_dict [dict] dictionary, like the one returned by the actual method of a Font object:

```
{ 'family': str,  
  'size': int,  
  'weight': 'bold'/'normal',  
  'slant': 'italic'/'roman',  
  'underline': bool,  
  'overstrike': bool}
```

text [str] text to be displayed in the preview label

title [str] window title

kwargs [dict] additional keyword arguments to be passed to Toplevel.__init__

```
get_res ()  
    Return chosen font.
```

```
ok ()  
    Validate choice.
```

CHAPTER 3

Example

```
try:
    from tkinter import Tk
    from tkinter.ttk import Style, Button, Label
except ImportError:
    from Tkinter import Tk
    from ttk import Style, Button, Label
from sys import platform
from tkfontchooser import askfont

# create main window
root = Tk()
style = Style(root)
if "win" == platform[:3]:
    style.theme_use('vista')
elif "darwin" in platform:
    style.theme_use('clam')
else:
    style.theme_use('clam')
bg = style.lookup("TLabel", "background")
root.configure(bg=bg)
label = Label(root, text='Chosen font: ')
label.pack(padx=10, pady=(10,4))

def callback():
    # open the font chooser and get the font selected by the user
    font = askfont(root)
    # font is "" if the user has cancelled
    if font:
        # spaces in the family name need to be escaped
        font['family'] = font['family'].replace(' ', '\\ ')
        font_str = "%(family)s %(size)i %(weight)s %(slant)s" % font
        if font['underline']:
            font_str += ' underline'
        if font['overstrike']:
```

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```
        font_str += ' overstrike'
    label.configure(font=font_str, text='Chosen font: ' + font_str.replace('\ ',
↪ ' '))

Button(root, text='Font Chooser', command=callback).pack(padx=10, pady=(4,10))
root.mainloop()
```

4.1 tkfontchooser 2.0.2

- Add Italian translation (thanks to [Maicol](#))

4.2 tkfontchooser 2.0.1

- Fix bug when font size not in list (when navigating with up/down arrows)
- Fix bug when font family does not exists

4.3 tkfontchooser 2.0.0

- Change module name to lowercase to respect PEP 8 naming guidelines

4.4 tkFontChooser 1.0.3

- Close #1: Example in README.rst doesn't work
- Add title option in FontChooser and askfont

4.5 tkFontChooser 1.0.2

- Entry content is updated when font is selected by keypress navigation

4.6 tkFontChooser 1.0.1

- Improve navigation with keyboard
- Bind Ctrl+A to “select all” instead of “go to beginning”

4.7 tkFontChooser 1.0.0

- Initial version

CHAPTER 5

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