

# Tkinter tkinter module

**tkFileDialog** is a module with open and save dialog functions.

Instead of implementing those in [Tkinter GUI](#) on your own.

## Related courses

- [Python Desktop Apps with Tkinter](#)

## Overview

An overview of file dialogs:

## Tkinter Open File

The **askopenfilename** function to creates an file dialog object. The extensions are shown in the bottom of the form (Files of type). The code below will simply show the dialog and return the filename. If a user presses cancel the filename is empty. On a Windows machine change the initialdir to "C:\".

### Python 2.7 version:

Function	Parameters	Purpose
.askopenfilename	Directory, Title, Extension	To <b>open</b> file: Dialog that requests selection of an existing file.
.asksaveasfilename	Directory, Title, Extension)	To <b>save</b> file: Dialog that requests creation or replacement of a file.
.askdirectory	None	To <b>open directory</b>

```
from Tkinter import *
from Tkinter import *
import Tkinter, Tkconstants, tkFileDialog

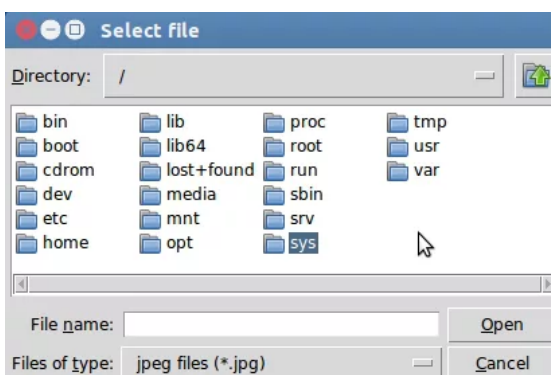
root = Tk()
root.filename = tkFileDialog.askopenfilename(initialdir = "/",title = "Select file",filetypes = (("jpeg files","*.jpg"),("all files","*.*")))
print (root.filename)
```

### Python 3 version:

```
from tkinter import filedialog
from tkinter import *

root = Tk()
root.filename = filedialog.askopenfilename(initialdir = "/",title = "Select file",filetypes = (
print (root.filename)
```

Here is an example (on Linux):



tkFileDialog Tkinter askopenfilename

The **asksaveasfilename** function prompts the user with a save file dialog.

### Python 2.7 version

```
from Tkinter import *
import Tkinter, Tkconstants, tkFileDialog

root = Tk()
root.filename = tkFileDialog.asksaveasfilename(initialdir = "/",title = "Select file",filetypes =
print (root.filename)
```

### Python 3 version

```
from tkinter import filedialog
from tkinter import *

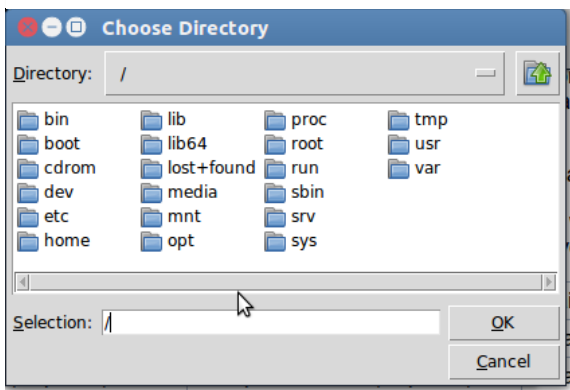
root = Tk()
root.filename = filedialog.asksaveasfilename(initialdir = "/",title = "Select file",filetypes =
print (root.filename)
```

## Tkinter Open Directory

The **askdirectory** presents the user with a popup for directory selection.

### Python 2.7 version

```
from Tkinter import *
import Tkinter, Tkconstants, tkFileDialog
root = Tk()
root.directory = tkFileDialog.askdirectory()
print (root.directory)
```



tkinter askdirectory

If you are new to programming Tkinter, [I highly recommend this course.](#)

[download tkinter examples](#)

[Back](#)

[Next](#)

Posted in [Tk](#)

Tkinter   dialog   tk

## 2 THOUGHTS ON “TKINTER TKFILEDIALOG MODULE”



**bill hunter**

- January 21, 2018

This guide mixes up askopenfilename and askopenfile. The text describes askopenfile, but the example immediately following shows askopenfilename. They should both be documented, but this hybrid half&half guide can easily trip a few people up.



**Frank**

- March 11, 2018

Thanks Bill! I've modified the article

## LEAVE A REPLY

Login disabled

---

Copyright © 2015 - 2020 - Pythonspot. | [Cookie policy](#) | [Terms of use](#) | [Privacy policy](#)