[Tkinter GUI is freezing](https://stackoverflow.com/questions/28397552/tkinter-gui-is-freezing)

I don't know if I use the right code for do that. I wrote a small script to find a folder in hard disk:

import sys

from tkinter import \*

from tkinter import ttk

import threading

import os

mGui = Tk()

mGui.geometry('450x80')

mGui.title('Copy folder')

progressbar = ttk.Progressbar(orient=HORIZONTAL, length=200, mode='determinate')

progressbar.pack(side="bottom")

xe = 'progresscache'

def handle\_click():

progressbar.start()

def searcher():

for root, dirs, files in os.walk(r'c:'):

for name in dirs:

if name == xe:

print ("find !")

progressbar.stop()

t = threading.Thread(target=searcher)

t.start()

dirBut = Button(mGui, text='Go find !', command = handle\_click)

dirBut.pack()

mGui.mainloop()

After several attempts, I still had to freeze the GUI,When I clicked on my boutton.  
So I decided to call the action with a thread.  
I do not know if we should do it this way to avoid freeze...  
  
Well, everything seems to work without freeze..

Now, I want to do a class with my code, but every time I get an error for threads Here is my code :

My class Searcher.py (in Appsave folder)

import os

import threading

class Searcher:

def recherche(zeFolder):

for root, dirs, files in os.walk(r'c:'):

for name in dirs:

if name == zeFolder:

print ("Finded !")

progressbar.stop()

threading.Thread(target=recherche).start()

my main .py

# -\*- coding: utf-8 -\*-

import sys

from tkinter import \*

from tkinter import ttk

import threading

import os

from Appsave.Searcher import Searcher

mGui = Tk()

mGui.geometry('450x80')

mGui.title('Djex save')

progressbar = ttk.Progressbar(orient=HORIZONTAL, length=200, mode='determinate')

progressbar.pack(side="bottom")

xe = 'progresscache'

la = Searcher

def handle\_click():

progressbar.start()

la.recherche(xe)

dirBut = Button(mGui, text='Go find !', command = handle\_click)

dirBut.pack()

mGui.mainloop()

here is the output error

Exception in thread Thread-1:

Traceback (most recent call last):

File "C:\python34\lib\threading.py", line 921, in \_bootstrap\_inner

self.run()

File "C:\python34\lib\threading.py", line 869, in run

self.\_target(\*self.\_args, \*\*self.\_kwargs)

TypeError: recherche() missing 1 required positional argument: 'zeFolder'

I hope to have enough detail my problem to find help, thank you

You should try subclassing Thread, like this:

class Searcher(threading.Thread):

def \_\_init\_\_(self, zeFolder, progressbar):

super(Searcher, self).\_\_init\_\_()

self.zeFolder = zeFolder

self.progressbar = progressbar

def run(self):

for root, dirs, files in os.walk(r'c:'):

for name in dirs:

if name == self.zeFolder:

print ("Finded !")

self.progressbar.stop()

And then, call it like this:

xe = 'progresscache'

la = Searcher(xe, progressbar)

def handle\_click():

progressbar.start()

la.start()

Instead of:

xe = 'progresscache'

la = Searcher

def handle\_click():

progressbar.start()

la.recherche(xe)

Hope it helps!

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