





I can't install tkinter on termux

Asked 6 years, 2 months ago Modified 3 years, 7 months ago Viewed 12k times

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 **3**   

I installed termux on my android device (Pixel C), and successfully installed python 3.6.2 there, and after downloaded (with pip) some libraries like pillow (there were some problems, but with online forums I solved it), vk, etc. Tkinter should be preinstalled on python, but it wasn't (like some other modules like time, random etc.). All this modules - tkinter, that should be preinstalled, are not there - and it is not possible to install them. pip install tkinter -> Could not find a version that satisfies the requirement time (from versions:) No matching distribution found for tkinter. if I try with: apt-get install python3-tk Still nothing - error placing file. apt-get update and apt upgrade didn't help...

[android](#) [python](#) [tkinter](#) [termux](#)

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edited Aug 3, 2017 at 7:53

asked Aug 3, 2017 at 7:39



[Ivan Baburin](#)



31 1 2 5



Ok, problem with random and time solved - they are oreinstalled. – [Ivan Baburin](#) Aug 3, 2017 at 7:41

3 Answers

Sorted by: Highest score (default) 

 **7** 

To install tkinter in Termux just simply do:

```
pkg install python-tkinter
```

As mentioned here: <https://github.com/termux/x11-packages/issues/172#issuecomment-554781785>




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answered Feb 26, 2020 at 20:59



[Rakib Fiha](#)

473 8 13

 **0**

You can't install tkinter or any graphical library or framework on termux because termux doesn't have a GUI and relevant graphical headers.



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edited May 5, 2019 at 13:34



recnac

3,744 6 24 46

answered Mar 4, 2019 at 16:10



Shahzad Akram

4,656 6 32 65



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- 1 It's not relevant to the question, I can simply install VNC viewer or tmux desktop emulator and `export DISPLAY=:1` voila, you can test Tkinter in termux. – [Rakib Fiha](#) Mar 9, 2020 at 17:04
-



Checking your Tkinter support

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A good way to systematically check whether your Tkinter support is working is the following.

Enter an interactive Python interpreter in a shell on an X console.



Step 1 - can `_tkinter` be imported?



Try the following command at the Python prompt:

```
import _tkinter # with underscore, and lowercase 't'
```

If it works, go to step 2. If it fails with "No module named `_tkinter`", your Python configuration needs to be modified to include this module (which is an extension module implemented in C). Do **not** edit `Modules/Setup` (it is out of date). You may have to install Tcl and Tk (when using RPM, install the `-devel` RPMs as well) and/or edit the `setup.py` script to point to the right locations where Tcl/Tk is installed. If you install Tcl/Tk in the default locations, simply rerunning "make" should build the `_tkinter` extension. If it fails with an error from the dynamic linker, see above (for Unix, check for a header/library file mismatch; for Windows, check that the TCL/TK DLLs can be found).

Step 2 - can `Tkinter` be imported?

Try the correct command for your version at the Python prompt:

```
import Tkinter # no underscore, uppercase 'T' for versions prior to V3.0
```

```
import tkinter # no underscore, lowercase 't' for V3.0 and later
```

If it works, go to step 3. If it fails with "No module named `Tkinter`", your Python configuration need to be changed to include the directory that contains `Tkinter.py` in its default module search path. You have probably forgotten to define `TKPATH` in the `Modules/Setup` file. A temporary workaround would be to find that directory and add it to your `PYTHONPATH` environment variable. It is the subdirectory named "lib-tk" of the Python library directory (when using Python 1.4 or before, it is named "tkinter").

Source <https://wiki.python.org/moin/TkInter>

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answered Aug 3, 2017 at 7:42



[lapinkoira](#)

8,400

9

52

94

▲ None of Steps 1 or 2 is working. I didn't understand the step 3 completely... What do I need to do?
▢ – [Ivan Baburin](#) Aug 3, 2017 at 7:48

▲ You said "error placing file" when installing with sudo apt-get install, which is the output exactly?
▢ – [lapinkoira](#) Aug 3, 2017 at 7:53

▲ Reading package lists... Done Building dependency tree Reading state information... Done E: Unable to
▢ locate package python3-tk – [Ivan Baburin](#) Aug 3, 2017 at 7:56
