

I finally got it solved by installing
<https://letsencrypt.org/certs/lets-encrypt-r3.der>

github.com/thonny/thonny/issues/1986

SJA-TVOracle-Swing - Crea...https://dpcdsb.esch...Welcome to SHSM!OTEC-CustService-L...DP Tech SiteTinybit robot

SSL: CERTIFICATE_VERIFY_FAILED, certificate has expired #1986

ClosedJan-Rekers opened this issue on Oct 3, 2021 · 25 comments



Jan-Rekers commented on Oct 3, 2021

...

I am new to user Thonny. I have installed version 3.3.13 on a Windows 10 machine, Windows is fully up to date. On using Tools/Manage Packages I search for SSD1306 and get suggested the package micropython-ssd1306 which is exactly what I was looking for.
Homepage: <https://github.com/stlehmann/micropython-ssd1306>
PyPi page: <https://pypi.org/project/micropython-ssd1306/>

However, on choosing this package I immediately get this error message:
urllib.error.URLError: <urlopen error [SSL: CERTIFICATE_VERIFY_FAILED] certificate verify failed: certificate has expired (_ssl.c:1091)>

I had a similar problem when I tried to switch Thonny to MicroPython (Raspberry Pi Pico). I could avoid that problem by dropping the file rp2-pico-20210902-v1.17.uf2 directly on the F: drive.

Is there a similar solution for the Install Package problem?

Thanks, Jan Rekers



Jan-Rekers commented on Oct 3, 2021

Author ...

I have managed to circumvent the above problem in the following way:

- I went to the GitHub page of the ssd1306 package: <https://github.com/stlehmann/micropython-ssd1306>
- I found the file ssd1306.py, copied all python code to the clipboard
- I pasted this code in a new file in Thonny
- On choosing RUN, I choose to install on the Raspberry Pi Pico, under the name ssd1306.py
- Now, in my own code the following line does not give a runtime error anymore: from ssd1306 import SSD1306_I2C

Hope this helps anyone facing the same problem.