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tangcw@Tangs-MacBook-Pro Secure_Blinky_LED_FreeRTOS % pip3 install
cysecuretools
Collecting cysecuretools
  Using cached cysecuretools-3.1.0-py3-none-any.whl (679 kB)
Requirement already satisfied: intelhex==2.3.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(2.3.0)
Requirement already satisfied: setuptools==50.3.2 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(50.3.2)
Requirement already satisfied: python-jose==3.2.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(3.2.0)
Requirement already satisfied: packaging==20.9 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(20.9)
Requirement already satisfied: jsonschema==3.2.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(3.2.0)
Requirement already satisfied: cryptography==3.3.2 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(3.3.2)
Requirement already satisfied: cbor==1.0.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(1.0.0)
Requirement already satisfied: click==7.1.2 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(7.1.2)
Requirement already satisfied: psutil==5.7.2 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(5.7.2)
Requirement already satisfied: pyocd==0.27.3 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from cysecuretools)
(0.27.3)
Requirement already satisfied: cffi>=1.12 in /Library/Frameworks/Python.framework/
Versions/3.10/lib/python3.10/site-packages (from cryptography==3.3.2-
>cysecuretools) (1.15.0)
Requirement already satisfied: six>=1.4.1 in /Library/Frameworks/Python.framework/
Versions/3.10/lib/python3.10/site-packages (from cryptography==3.3.2-
>cysecuretools) (1.16.0)
Requirement already satisfied: attrs>=17.4.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
jsonschema==3.2.0->cysecuretools) (21.4.0)
Requirement already satisfied: pyrsistent>=0.14.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
jsonschema==3.2.0->cysecuretools) (0.18.1)
Requirement already satisfied: pyparsing>=2.0.2 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
packaging==20.9->cysecuretools) (3.0.7)
Requirement already satisfied: pyyaml<6.0,>=5.1 in /Library/Frameworks/
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Requirement already satisfied: pyelftools in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (5.4.1)

Requirement already satisfied: pyusb<2.0,>=1.0.0b2 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (0.28)

Requirement already satisfied: pyusb<2.0,>=1.0.0b2 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (1.2.1)

Requirement already satisfied: prettytable in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (3.2.0)

Requirement already satisfied: hidapi in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (0.11.0.post2)

Requirement already satisfied: pylink-square in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (0.11.1)

Requirement already satisfied: intervaltree<4.0,>=3.0.2 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (3.1.0)

Requirement already satisfied: colorama in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (0.4.4)

Requirement already satisfied: cmsis-pack-manager>=0.2.7 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pyocd==0.27.3->cysecuretools) (0.3.0)

Requirement already satisfied: pyasn1 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from python-jose==3.2.0->cysecuretools) (0.4.8)

Requirement already satisfied: ecdsa<0.15 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from python-jose==3.2.0->cysecuretools) (0.14.1)

Requirement already satisfied: rsa in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from python-jose==3.2.0->cysecuretools) (4.8)

Requirement already satisfied: pycparser in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from cffi>=1.12->cryptography==3.3.2->cysecuretools) (2.21)

Requirement already satisfied: milksnake>=0.1.2 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from cmsis-pack-manager>=0.2.7->pyocd==0.27.3->cysecuretools) (0.1.5)

Requirement already satisfied: appdirs>=1.4 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from cmsis-pack-manager>=0.2.7->pyocd==0.27.3->cysecuretools) (1.4.4)

Requirement already satisfied: sortedcontainers<3.0,>=2.0 in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from intervaltree<4.0,>=3.0.2->pyocd==0.27.3->cysecuretools) (2.4.0)

Requirement already satisfied: wcwidth in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from prettytable->pyocd==0.27.3->cysecuretools) (0.2.5)

Requirement already satisfied: future in /Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages (from pylink-square->pyocd==0.27.3->cysecuretools) (0.18.2)

Installing collected packages: cysecuretools

Successfully installed cysecuretools-3.1.0

tangcw@Tangs-MacBook-Pro Secure_Blinky_LED_FreeRTOS % cysecuretools --help

Traceback (most recent call last):

 File "/Library/Frameworks/Python.framework/Versions/3.10/bin/cysecuretools", line 5, in <module>

 from cysecuretools.__main__ import main

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/__init__.py", line 16, in <module>

 from cysecuretools.main import CySecureTools

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/main.py", line 24, in <module>

 from cysecuretools.execute.version_helper import VersionHelper

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/execute/version_helper.py", line 20, in <module>

 from cysecuretools.targets import target_map, get_target_builder

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/targets/__init__.py", line 16, in <module>

 from cysecuretools.targets.cyb06xx7.target_builder import CYB06xx7_Builder

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/targets/cyb06xx7/__init__.py", line 1, in <module>

 from cysecuretools.targets.cyb06xx7.target_builder import CYB06xx7_Builder

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/targets/cyb06xx7/target_builder.py", line 25, in <module>

 from cysecuretools.execute.provision_device_mxs40v1 import

ProvisioningMXS40V1

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/execute/provision_device_mxs40v1.py", line 36, in <module>

 from cysecuretools.execute.encrypted_programming.aes_header_strategy import \

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/execute/encrypted_programming/aes_header_strategy.py", line 21, in <module>

 from cysecuretools.execute.encrypted_programming.aes_header import

 AesHeader

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/execute/encrypted_programming/aes_header.py", line 18, in <module>

 from cysecuretools.execute.encrypted_programming.aes_cipher import *

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cysecuretools/execute/encrypted_programming/aes_cipher.py", line 18, in <module>

 from cryptography.hazmat.primitives import padding

 File "/Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/cryptography/hazmat/primitives/padding.py", line 13, in <module>

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from cryptography.hazmat.bindings._padding import lib
ImportError: dlopen(/Library/Frameworks/Python.framework/Versions/3.10/lib/
python3.10/site-packages/_cffi_backend.cpython-310-darwin.so, 0x0002): tried: '/
Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-packages/
_cffi_backend.cpython-310-darwin.so' (mach-o file, but is an incompatible
architecture (have 'arm64', need 'x86_64'))
tangcw@Tangs-MacBook-Pro Secure_Blinky_LED_FreeRTOS % s
```