SOFTWARE

Python:

Python is commonly used for developing websites and software, task automation, data analysis, and data visualization. Since it's relatively easy to learn, Python has been adopted by many non-programmers such as accountants and scientists, for a variety of everyday tasks, like organizing finances.

Python 3.7 (32-bit)

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Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```


Command Prompt

```
C:\Users\LENOVO>pip install wiotp-sdk
Collecting wiotp-sdk
  Downloading wiotp-sdk-0.11.0.tar.gz (96 kB)
     ------------------------------------ 96.2/96.2 kB 457.2 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Collecting iso8601>=0.1.12
  Downloading iso8601-1.1.0-py3-none-any.whl (9.9 kB)
Collecting pytz>=2018.9
  Downloading pytz-2022.6-py2.py3-none-any.whl (498 kB)
     ------------------------------------ 498.1/498.1 kB 371.5 kB/s eta 0:00:00
Collecting pyyaml>=3.13
  Downloading PyYAML-6.0-cp311-cp311-win_amd64.whl (143 kB)
     ------------------------------------ 143.2/143.2 kB 568.1 kB/s eta 0:00:00
Collecting paho-mqtt>=1.5.0
  Downloading paho-mqtt-1.6.1.tar.gz (99 kB)
     ------------------------------------ 99.4/99.4 kB 521.2 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Requirement already satisfied: requests>=2.21.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from wiotp-sdk) (2.28.1)
Collecting requests_toolbelt>=0.8.0
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
     ------------------------------------ 54.5/54.5 kB 567.8 kB/s eta 0:00:00
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests>=2.21.0->wiotp-sdk)
(2.1.1)
Requirement already satisfied: idna<4,>=2.5 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (1.
26.12)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (2022.
9.24)
Installing collected packages: pytz, paho-mqtt, pyyaml, iso8601, requests_toolbelt, wiotp-sdk
  DEPRECATION: paho-mqtt is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not insta
lled. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip
/issues/8559
  Running setup.py install for paho-mqtt ... done
  DEPRECATION: wiotp-sdk is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not insta
lled. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip
/issues/8559
  Running setup.py install for wiotp-sdk ... done
Successfully installed iso8601-1.1.0 paho-mqtt-1.6.1 pytz-2022.6 pyyaml-6.0 requests_toolbelt-0.10.1 wiotp-sdk-0.11.0

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\LENOVO>
```

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Command Prompt                                                          —   □   ×

C:\Users\LENOVO> pip install --upgrade "ibm-watson>=5.0.0
Requirement already satisfied: ibm-watson>=5.0.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (6.1.0)
Requirement already satisfied: requests<3.0,>=2.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-watson>=5.0.0) (2.28.1)
Requirement already satisfied: python-dateutil>=2.5.3 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-watson>=5.0.0) (2.8.2)
Requirement already satisfied: websocket-client==1.1.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-watson>=5.0.0) (1.1.0)
Requirement already satisfied: ibm-cloud-sdk-core==3.*,>=3.3.6 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-watson>=5.0.0) (3.16.0)
Requirement already satisfied: urllib3<2.0.0,>=1.26.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-cloud-sdk-core==3.*,>=3.3.6->ibm-watson>=5.0.0) (1.26.12)
Requirement already satisfied: PyJWT<3.0.0,>=2.4.0 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from ibm-cloud-sdk-core==3.*,>=3.3.6->ibm-watson>=5.0.0) (2.6.0)
Requirement already satisfied: six>=1.5 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from python-dateutil>=2.5.3->ibm-watson>=5.0.0) (1.16.0)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests<3.0,>=2.0->ibm-watson>=5.0.0) (2.1.1)
Requirement already satisfied: idna<4,>=2.5 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests<3.0,>=2.0->ibm-watson>=5.0.0) (3.4)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\lenovo\appdata\local\programs\python\python311\lib\site-packages (from requests<3.0,>=2.0->ibm-watson>=5.0.0) (2022.9.24)

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\LENOVO>_
```