

DATE	15TH NOVEMBER 2022
TEAM ID	PNT2022TMID06006
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS
MAXIMUM MARK	4 MARK

python.org/downloads/release/python-3110/

## Files

Version:

- Gzipped source tarball
- XZ compressed source tarball
- macOS 64-bit universal2 installer
- Windows embeddable package (32-bit)
- Windows embeddable package (64-bit)
- Windows embeddable package (ARM64)
- Windows installer (32-bit)
- Windows installer (64-bit)
- Windows installer (ARM64)

**Python 3.11.0 (64-bit) Setup**

Setup was successful

New to Python? Start with the [online tutorial](#) and [documentation](#). At your terminal, type "py" to launch Python, or search for Python in your Start menu.

See [what's new](#) in this release, or find more info about [using Python on Windows](#).

**Disable path lengths limit**  
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX\_PATH" limitation.

Close

File Size	GPG	Signature
26333656	SIG	CRT SIG
19819768	SIG	CRT SIG
42602603	SIG	CRT SIG
9560053	SIG	CRT SIG
10545380	SIG	CRT SIG
9765886	SIG	CRT SIG
23987136	SIG	CRT SIG
25157416	SIG	CRT SIG
24289144	SIG	CRT SIG

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Command Prompt

pip 22.3 from C:\Python\Python311\Lib\site-packages\pip (python 3.11)

C:\Users\HP>pip install wiotp-sdk

Collecting wiotp-sdk

Downloading wiotp-sdk-0.11.0.tar.gz (96 kB)

----- 96.2/96.2 kB 1.4 MB/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 2.4 MB/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 2.1 MB/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 5.6 MB/s eta 0:00:00

Preparing metadata (setup.py) ... done

Collecting requests>=2.21.0

Downloading requests-2.28.1-py3-none-any.whl (62 kB)

----- 62.8/62.8 kB ? eta 0:00:00

Collecting requests\_toolbelt>=0.8.0

Downloading requests\_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)

----- 54.5/54.5 kB 3.0 MB/s eta 0:00:00

Collecting charset-normalizer<3,>=2

Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)

Collecting idna<4,>=2.5

Downloading idna-3.4-py3-none-any.whl (61 kB)

----- 61.5/61.5 kB 1.7 MB/s eta 0:00:00

Collecting urllib3<1.27,>=1.21.1

Downloading urllib3-1.26.12-py2.py3-none-any.whl (140 kB)

----- 140.4/140.4 kB 4.1 MB/s eta 0:00:00

Collecting certifi>=2017.4.17

Downloading certifi-2022.9.24-py3-none-any.whl (161 kB)

----- 161.1/161.1 kB 3.2 MB/s eta 0:00:00

Installing collected packages: pytz, paho-mqtt, urllib3, pyyaml, iso8601, idna, charset-normalizer, certifi

DEPRECATION: paho-mqtt is being installed using the legacy 'setup.py install' method, because it does not support a universal wheel. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at <https://github.com/pypa/pip/issues/4981>

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 support a universal wheel. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at <https://github.com/pypa/pip/issues/4981>

Running setup.py install for wiotp-sdk ... done

Successfully installed certifi-2022.9.24 charset-normalizer-2.1.1 idna-3.4 iso8601-1.1.0 paho-mqtt-1.6.1

[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\HP>pip install ibmcloudant
Collecting ibmcloudant
  Downloading ibmcloudant-0.3.0.tar.gz (97 kB)
    ----- 97.8/97.8 kB 941.7 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Collecting ibm_cloud_sdk_core==3.16.0
  Downloading ibm_cloud_sdk_core-3.16.0-py3-none-any.whl (83 kB)
    ----- 83.7/83.7 kB 2.4 MB/s eta 0:00:00
Requirement already satisfied: requests<3.0,>=2.20 in c:\python\python311\lib\site-packages (2.28.1)
Collecting python_dateutil<3.0.0,>=2.5.3
  Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
    ----- 247.7/247.7 kB 3.0 MB/s eta 0:00:00
Collecting PyJWT<3.0.0,>=2.0.1
  Downloading PyJWT-2.6.0-py3-none-any.whl (20 kB)
Requirement already satisfied: urllib3<2.0.0,>=1.26.0 in c:\python\python311\lib\site-packages (1.26.15)
Collecting six>=1.5
  Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\python\python311\lib\site-packages (2.0.12)
Requirement already satisfied: idna<4,>=2.5 in c:\python\python311\lib\site-packages (2.10)
Requirement already satisfied: certifi<2017.4.17 in c:\python\python311\lib\site-packages (2023.7.22)
Installing collected packages: six, PyJWT, python_dateutil, ibm_cloud_sdk_core, ibmcloudant
  DEPRECATION: ibmcloudant is being installed using the legacy 'setup.py install' method. A possible replacement is to enable the '--use-pep517' option.
  Running setup.py install for ibmcloudant ... done
Successfully installed PyJWT-2.6.0 ibm_cloud_sdk_core-3.16.0 ibmcloudant-0.3.0

[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\HP>pip install opencv-python
Collecting opencv-python
  Downloading opencv_python-4.6.0.66-cp36-abi3-win_amd64.whl (35.6 MB)
    ----- 35.6/35.6 MB 938.5 kB/s eta 0:00:00
Collecting numpy>=1.21.2
  Downloading numpy-1.23.4-cp311-cp311-win_amd64.whl (14.6 MB)
    ----- 14.6/14.6 MB 2.9 MB/s eta 0:00:00

[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\HP>pip install pyzbar
Collecting pyzbar
  Downloading pyzbar-0.1.9-py2.py3-none-win_amd64.whl (817 kB)
    ----- 817.4/817.4 kB 1.7 MB/s eta 0:00:00
Installing collected packages: pyzbar
Successfully installed pyzbar-0.1.9

[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\HP>

```

