Microsoft Windows [Version 10.0.22631.4169]

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C:\Users\suppa>pip install opencv-python

Defaulting to user installation because normal site-packages is not writeable

Collecting opencv-python

Downloading opencv\_python-4.10.0.84-cp37-abi3-win\_amd64.whl.metadata (20 kB)

Requirement already satisfied: numpy>=1.21.2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from opencv-python) (1.26.4)

Downloading opencv\_python-4.10.0.84-cp37-abi3-win\_amd64.whl (38.8 MB)

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Installing collected packages: opencv-python

Successfully installed opencv-python-4.10.0.84

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa>pip install opencv-python-headless # For headless environments (e.g., servers without GUI)

Defaulting to user installation because normal site-packages is not writeable

ERROR: Invalid requirement: '#'

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa>pip install opencv-python-headless

Defaulting to user installation because normal site-packages is not writeable

Collecting opencv-python-headless

Downloading opencv\_python\_headless-4.10.0.84-cp37-abi3-win\_amd64.whl.metadata (20 kB)

Requirement already satisfied: numpy>=1.21.2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from opencv-python-headless) (1.26.4)

Downloading opencv\_python\_headless-4.10.0.84-cp37-abi3-win\_amd64.whl (38.8 MB)

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Installing collected packages: opencv-python-headless

Successfully installed opencv-python-headless-4.10.0.84

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa>git clone https://github.com/ultralytics/yolov5.git

Cloning into 'yolov5'...

remote: Enumerating objects: 17088, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (30/30), done.

remote: Total 17088 (delta 23), reused 7 (delta 7), pack-reused 17051 (from 3)

Receiving objects: 100% (17088/17088), 15.69 MiB | 17.32 MiB/s, done.

Resolving deltas: 100% (11723/11723), done.

C:\Users\suppa>cd yolov5

C:\Users\suppa\yolov5>pip install -r requirements.txt

Defaulting to user installation because normal site-packages is not writeable

Requirement already satisfied: gitpython>=3.1.30 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 5)) (3.1.43)

Requirement already satisfied: matplotlib>=3.3 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 6)) (3.8.3)

Requirement already satisfied: numpy>=1.23.5 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 7)) (1.26.4)

Requirement already satisfied: opencv-python>=4.1.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 8)) (4.10.0.84)

Requirement already satisfied: pillow>=10.3.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 9)) (10.3.0)

Requirement already satisfied: psutil in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 10)) (5.9.8)

Collecting PyYAML>=5.3.1 (from -r requirements.txt (line 11))

Downloading PyYAML-6.0.2-cp312-cp312-win\_amd64.whl.metadata (2.1 kB)

Collecting requests>=2.32.2 (from -r requirements.txt (line 12))

Using cached requests-2.32.3-py3-none-any.whl.metadata (4.6 kB)

Requirement already satisfied: scipy>=1.4.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 13)) (1.13.1)

Collecting thop>=0.1.1 (from -r requirements.txt (line 14))

Downloading thop-0.1.1.post2209072238-py3-none-any.whl.metadata (2.7 kB)

Collecting torch>=1.8.0 (from -r requirements.txt (line 15))

Downloading torch-2.5.1-cp312-cp312-win\_amd64.whl.metadata (28 kB)

Collecting torchvision>=0.9.0 (from -r requirements.txt (line 16))

Downloading torchvision-0.20.1-cp312-cp312-win\_amd64.whl.metadata (6.2 kB)

Collecting tqdm>=4.66.3 (from -r requirements.txt (line 17))

Using cached tqdm-4.67.1-py3-none-any.whl.metadata (57 kB)

Collecting ultralytics>=8.2.34 (from -r requirements.txt (line 18))

Downloading ultralytics-8.3.57-py3-none-any.whl.metadata (35 kB)

Requirement already satisfied: pandas>=1.1.4 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 27)) (2.2.1)

Requirement already satisfied: seaborn>=0.11.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from -r requirements.txt (line 28)) (0.13.2)

Collecting setuptools>=70.0.0 (from -r requirements.txt (line 42))

Downloading setuptools-75.6.0-py3-none-any.whl.metadata (6.7 kB)

Requirement already satisfied: gitdb<5,>=4.0.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from gitpython>=3.1.30->-r requirements.txt (line 5)) (4.0.11)

Requirement already satisfied: contourpy>=1.0.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (1.2.1)

Requirement already satisfied: cycler>=0.10 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (0.12.1)

Requirement already satisfied: fonttools>=4.22.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (4.50.0)

Requirement already satisfied: kiwisolver>=1.3.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (1.4.5)

Requirement already satisfied: packaging>=20.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (24.0)

Requirement already satisfied: pyparsing>=2.3.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (3.1.2)

Requirement already satisfied: python-dateutil>=2.7 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (2.9.0.post0)

Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (3.3.2)

Requirement already satisfied: idna<4,>=2.5 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (3.6)

Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (2.2.1)

Requirement already satisfied: certifi>=2017.4.17 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (2024.2.2)

Collecting filelock (from torch>=1.8.0->-r requirements.txt (line 15))

Downloading filelock-3.16.1-py3-none-any.whl.metadata (2.9 kB)

Requirement already satisfied: typing-extensions>=4.8.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (4.10.0)

Collecting networkx (from torch>=1.8.0->-r requirements.txt (line 15))

Downloading networkx-3.4.2-py3-none-any.whl.metadata (6.3 kB)

Requirement already satisfied: jinja2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.1.3)

Collecting fsspec (from torch>=1.8.0->-r requirements.txt (line 15))

Downloading fsspec-2024.12.0-py3-none-any.whl.metadata (11 kB)

Collecting sympy==1.13.1 (from torch>=1.8.0->-r requirements.txt (line 15))

Using cached sympy-1.13.1-py3-none-any.whl.metadata (12 kB)

Collecting mpmath<1.4,>=1.1.0 (from sympy==1.13.1->torch>=1.8.0->-r requirements.txt (line 15))

Downloading mpmath-1.3.0-py3-none-any.whl.metadata (8.6 kB)

Requirement already satisfied: colorama in c:\users\suppa\appdata\roaming\python\python312\site-packages (from tqdm>=4.66.3->-r requirements.txt (line 17)) (0.4.6)

Collecting py-cpuinfo (from ultralytics>=8.2.34->-r requirements.txt (line 18))

Downloading py\_cpuinfo-9.0.0-py3-none-any.whl.metadata (794 bytes)

Collecting ultralytics-thop>=2.0.0 (from ultralytics>=8.2.34->-r requirements.txt (line 18))

Downloading ultralytics\_thop-2.0.13-py3-none-any.whl.metadata (9.4 kB)

Requirement already satisfied: pytz>=2020.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from pandas>=1.1.4->-r requirements.txt (line 27)) (2024.1)

Requirement already satisfied: tzdata>=2022.7 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from pandas>=1.1.4->-r requirements.txt (line 27)) (2024.1)

Requirement already satisfied: smmap<6,>=3.0.1 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from gitdb<5,>=4.0.1->gitpython>=3.1.30->-r requirements.txt (line 5)) (5.0.1)

Requirement already satisfied: six>=1.5 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from python-dateutil>=2.7->matplotlib>=3.3->-r requirements.txt (line 6)) (1.16.0)

Requirement already satisfied: MarkupSafe>=2.0 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from jinja2->torch>=1.8.0->-r requirements.txt (line 15)) (2.1.5)

Downloading PyYAML-6.0.2-cp312-cp312-win\_amd64.whl (156 kB)

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Using cached requests-2.32.3-py3-none-any.whl (64 kB)

Downloading thop-0.1.1.post2209072238-py3-none-any.whl (15 kB)

Downloading torch-2.5.1-cp312-cp312-win\_amd64.whl (203.0 MB)

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Using cached sympy-1.13.1-py3-none-any.whl (6.2 MB)

Downloading torchvision-0.20.1-cp312-cp312-win\_amd64.whl (1.6 MB)

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Using cached tqdm-4.67.1-py3-none-any.whl (78 kB)

Downloading ultralytics-8.3.57-py3-none-any.whl (905 kB)

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Downloading setuptools-75.6.0-py3-none-any.whl (1.2 MB)

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Downloading ultralytics\_thop-2.0.13-py3-none-any.whl (26 kB)

Downloading filelock-3.16.1-py3-none-any.whl (16 kB)

Downloading fsspec-2024.12.0-py3-none-any.whl (183 kB)

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Downloading networkx-3.4.2-py3-none-any.whl (1.7 MB)

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Downloading py\_cpuinfo-9.0.0-py3-none-any.whl (22 kB)

Downloading mpmath-1.3.0-py3-none-any.whl (536 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 536.2/536.2 kB 17.0 MB/s eta 0:00:00

Installing collected packages: py-cpuinfo, mpmath, tqdm, sympy, setuptools, requests, PyYAML, networkx, fsspec, filelock, torch, ultralytics-thop, torchvision, thop, ultralytics

WARNING: The script cpuinfo.exe is installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The script tqdm.exe is installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The script isympy.exe is installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

Attempting uninstall: setuptools

Found existing installation: setuptools 69.2.0

Uninstalling setuptools-69.2.0:

Successfully uninstalled setuptools-69.2.0

Attempting uninstall: requests

Found existing installation: requests 2.31.0

Uninstalling requests-2.31.0:

Successfully uninstalled requests-2.31.0

WARNING: The scripts convert-caffe2-to-onnx.exe, convert-onnx-to-caffe2.exe, torchfrtrace.exe and torchrun.exe are installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

WARNING: The scripts ultralytics.exe and yolo.exe are installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

Successfully installed PyYAML-6.0.2 filelock-3.16.1 fsspec-2024.12.0 mpmath-1.3.0 networkx-3.4.2 py-cpuinfo-9.0.0 requests-2.32.3 setuptools-75.6.0 sympy-1.13.1 thop-0.1.1.post2209072238 torch-2.5.1 torchvision-0.20.1 tqdm-4.67.1 ultralytics-8.3.57 ultralytics-thop-2.0.13

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa\yolov5>git clone https://github.com/ultralytics/yolov5.git

Cloning into 'yolov5'...

remote: Enumerating objects: 17088, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 17088 (delta 22), reused 5 (delta 5), pack-reused 17051 (from 4)

Receiving objects: 100% (17088/17088), 15.71 MiB | 18.01 MiB/s, done.

Resolving deltas: 100% (11723/11723), done.

C:\Users\suppa\yolov5>pip install opencv-python-headless

Defaulting to user installation because normal site-packages is not writeable

Requirement already satisfied: opencv-python-headless in c:\users\suppa\appdata\roaming\python\python312\site-packages (4.10.0.84)

Requirement already satisfied: numpy>=1.21.2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from opencv-python-headless) (1.26.4)

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa\yolov5>pip uninstall opencv-python-headless

Found existing installation: opencv-python-headless 4.10.0.84

Uninstalling opencv-python-headless-4.10.0.84:

Would remove:

c:\users\suppa\appdata\roaming\python\python312\site-packages\cv2\\*

c:\users\suppa\appdata\roaming\python\python312\site-packages\opencv\_python\_headless-4.10.0.84.dist-info\\*

Proceed (Y/n)? pip install opencv-python

Your response ('pip install opencv-python') was not one of the expected responses: y, n,

Proceed (Y/n)? y

Successfully uninstalled opencv-python-headless-4.10.0.84

WARNING: Failed to remove contents in a temporary directory 'C:\Users\suppa\AppData\Roaming\Python\Python312\site-packages\~v2'.

You can safely remove it manually.

C:\Users\suppa\yolov5>pip install opencv-python

Defaulting to user installation because normal site-packages is not writeable

Requirement already satisfied: opencv-python in c:\users\suppa\appdata\roaming\python\python312\site-packages (4.10.0.84)

Requirement already satisfied: numpy>=1.21.2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from opencv-python) (1.26.4)

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa\yolov5>pip install pyqt5

Defaulting to user installation because normal site-packages is not writeable

Collecting pyqt5

Downloading PyQt5-5.15.11-cp38-abi3-win\_amd64.whl.metadata (2.1 kB)

Collecting PyQt5-sip<13,>=12.15 (from pyqt5)

Downloading PyQt5\_sip-12.16.1-cp312-cp312-win\_amd64.whl.metadata (439 bytes)

Collecting PyQt5-Qt5<5.16.0,>=5.15.2 (from pyqt5)

Downloading PyQt5\_Qt5-5.15.2-py3-none-win\_amd64.whl.metadata (552 bytes)

Downloading PyQt5-5.15.11-cp38-abi3-win\_amd64.whl (6.9 MB)

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Downloading PyQt5\_Qt5-5.15.2-py3-none-win\_amd64.whl (50.1 MB)

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Downloading PyQt5\_sip-12.16.1-cp312-cp312-win\_amd64.whl (57 kB)

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 58.0/58.0 kB 3.0 MB/s eta 0:00:00

Installing collected packages: PyQt5-Qt5, PyQt5-sip, pyqt5

WARNING: The scripts pylupdate5.exe, pyrcc5.exe and pyuic5.exe are installed in 'C:\Users\suppa\AppData\Roaming\Python\Python312\Scripts' which is not on PATH.

Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.

Successfully installed PyQt5-Qt5-5.15.2 PyQt5-sip-12.16.1 pyqt5-5.15.11

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa\yolov5>pip install opencv-python-headless

Defaulting to user installation because normal site-packages is not writeable

Collecting opencv-python-headless

Using cached opencv\_python\_headless-4.10.0.84-cp37-abi3-win\_amd64.whl.metadata (20 kB)

Requirement already satisfied: numpy>=1.21.2 in c:\users\suppa\appdata\roaming\python\python312\site-packages (from opencv-python-headless) (1.26.4)

Using cached opencv\_python\_headless-4.10.0.84-cp37-abi3-win\_amd64.whl (38.8 MB)

Installing collected packages: opencv-python-headless

Successfully installed opencv-python-headless-4.10.0.84

[notice] A new release of pip is available: 24.0 -> 24.3.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\suppa\yolov5>