

This workflow will install Python dependencies, run tests and lint with a variety of Python versions
For more information see:
<https://docs.github.com/en/actions/automating-builds-and-tests/building-and-testing-python>

[] TODO [pep 458](<https://blog.pypi.org/posts/2024-11-14-pypi-now-supports-digital-attestations/>)

name: Python package

on:

push:

branches: ["master"]

pull_request:

branches: ["master"]

jobs:

build:

runs-on: ubuntu-latest

strategy:

fail-fast: false

matrix:

python-version: ["3.10", "3.11", "3.12"]

steps:

- uses: actions/checkout@v4

- name: Set up Python \${{ matrix.python-version }}

uses: actions/setup-python@v5

with:

python-version: \${{ matrix.python-version }}

- name: Install dependencies

run: |

python -m pip install --upgrade pip

python -m pip install flake8 pytest

if [-f requirements.txt]; then pip install -r requirements.txt; fi

- name: Lint with flake8

run: |

stop the build if there are Python syntax errors or undefined names

flake8 . --count --select=E9,F63,F7,F82 --show-source --statistics

exit-zero treats all errors as warnings. The GitHub editor is 127 chars wide

flake8 . --count --exit-zero --max-complexity=10 --max-line-length=127 --statistics

- name: Test with pytest

run: |

pytest