

name: Continuous Integration

on:

push:

branches:

- main

jobs:

test:

runs-on: ubuntu-latest

steps:

- name: Checkout code

uses: actions/checkout@v4

- name: Set up Python

uses: actions/setup-python@v5

with:

python-version: '3.10'

- name: Install dependencies

run: pip install --no-cache-dir -r requirements.txt

- name: Run unit tests

run: pytest tests/unit

- name: Run integration tests

run: pytest tests/integration

- name: Run code coverage

run: pytest --cov=swarms tests/

- name: Run linters

run: pylint swarms

- name: Build documentation

run: make docs

- name: Validate documentation

run: sphinx-build -b linkcheck docs build/docs

- name: Run performance tests

run: pytest tests/performance