name: "CodeQL Database Creation and Analysis"

on:

push:

branches: [ "main", "develop" ]

pull\_request:

branches: [ "main", "develop" ]

schedule:

- cron: '0 0 \* \* 1' # Runs every Monday at midnight UTC

jobs:

codeql:

name: CodeQL Analysis

runs-on: ubuntu-latest

strategy:

fail-fast: false

matrix:

language: [ 'javascript', 'python', 'java', 'csharp' ] # Add or remove languages as needed

steps:

- name: Checkout repository

uses: actions/checkout@v3

- name: Initialize CodeQL

uses: github/codeql-action/init@v2

with:

languages: ${{ matrix.language }}

packs: security-extended

- name: Create CodeQL Database

run: |

codeql database create ./codeql-database --language=${{ matrix.language }} --source-root=.

- name: Perform CodeQL Analysis

run: |

codeql database analyze ./codeql-database --format=sarif-latest --output=results.sarif --threads=0 --verbosity=info --sarif-add-snippets --sarif-add-baseline

- name: Upload SARIF file

uses: github/codeql-action/upload-sarif@v2

with:

sarif\_file: results.sarif