

Analysis Method / GitHub Actions


Analyze your project with GitHub CI

1 Create GitHub Secrets

In your GitHub repository, go to **Settings > Secrets and variables > Actions** and create the following new secrets:

- 1


Click on **New repository secret**.
- 2


In the **Name** field, enter 
- 3

In the **Value** field, enter an existing token, or a newly generated one:
- 4

Click on **Add secret**.
- 1

Click on **New repository secret**.
- 2

In the **Name** field, enter 
- 3

In the **Value** field, enter 
- 4

Click on **Add secret**.

2 Create Workflow YAML File

- 1 What option best describes your project?

2 Create a `sonar-project.properties` file in your repository and paste the following code:

```
sonar.projectKey=gitopsdevsecopspipeline
```

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 Repeat this step for all the projects in your monorepo

3 What is your OS?

Linux

Windows

macOS

4 Create or update your `.github/workflows/build.yml`  YAML file with the following content:

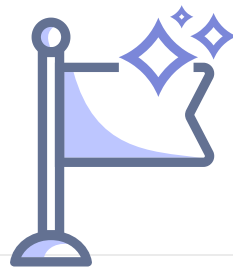
```
name: Build

on:
  push:
    branches:
      - main

jobs:
  build:
    name: Build and analyze
    runs-on: ubuntu-latest

    steps:
      - uses: actions/checkout@v4
        with:
          fetch-depth: 0 # Shallow clones should be disabled for a better relevancy of analysis
      - uses: SonarSource/sonarqube-scan-action@v5
        env:
          SONAR_TOKEN: ${ secrets.SONAR_TOKEN }
          SONAR_HOST_URL: ${ secrets.SONAR_HOST_URL }
      # If you wish to fail your job when the Quality Gate is red, uncomment the
      # following lines. This would typically be used to fail a deployment.
      # - uses: SonarSource/sonarqube-quality-gate-action@v1
      #   timeout-minutes: 5
      #   env:
      #     SONAR_TOKEN: ${ secrets.SONAR_TOKEN }
```

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And you are done!

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If everything is running successfully, once the analysis is complete you'll be redirected to the Overview page of your project where the new analysis results will be displayed. This can take a few minutes.

- ✓ Each new push you make on your main branch will trigger a new analysis in SonarQube Community Build.