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## Create new project



### Create blank project

Create a blank project to store your files, plan your work, and collaborate on code, among other things.



### Create from template

Create a project pre-populated with the necessary files to get you started quickly.



### Import project

Migrate your data from an external source like GitHub, Bitbucket, or another instance of GitLab.

You can also create a project from the command line. [Show command](#)

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# Create blank project

Create a blank project to store your files, plan your work, and collaborate on code, among other things.

### Project name

Must start with a lowercase or uppercase letter, digit, emoji, or underscore. Can also contain dots, pluses, dashes, or spaces.

### Project URL

### Project slug

### Visibility Level [?](#)

- Private  
Project access must be granted explicitly to each user. If this project is part of a group, access is granted to members of the group.
- Internal  
The project can be accessed by any logged in user except external users.
- Public  
The project can be accessed without any authentication.

### Project Configuration

- Initialize repository with a README  
Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.
- Enable Static Application Security Testing (SAST)  
Analyze your source code for known security vulnerabilities. [Learn more.](#)
- Enable Secret Detection  
Scan your code for secrets and credentials to prevent unauthorized access. [Learn more.](#)

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- Settings

Project 'DevOps course' was successfully created.

# DevOps course

main devops-course + Find file Code

**Initial commit**  
Kevin Munari authored just now

9f167c09 History

Name	Last commit	Last update
README.md	Initial commit	just now

README.md

## DevOps course

### Getting started

To make it easy for you to get started with GitLab, here's a list of recommended next steps.

Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom!](#)

### Add your files

- Create or upload files
- Add files using the command line or push an existing Git repository with the following command:

```
cd existing_repo
git remote add origin https://www.ict.inaf.it/gitlab/kevin.munari/devops-course.git
git branch -M main
```

Star 0 Fork 0

### Project information

- 1 Commit
- 1 Branch
- 0 Tags
- 4 KiB Project Storage

- README
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Enable Auto DevOps
- + Add Kubernetes cluster
- + Set up CI/CD
- + Add Wiki
- + Configure Integrations

Created on February 27, 2026

<http://astri-sq.oas.inaf.it:9010/>

Log in to SonarQube



[More options](#)

My Favorites All

Filters

Quality Gate

Passed 0

Failed 0

Reliability ( Bugs )

A A rating 0

B B rating 0

C C rating 0

D D rating 0

E E rating 0

Security ( Vulnerabilities )

A A rating 0

B B rating 0

C C rating 0

D D rating 0

E E rating 0

Security Review ( Security Hotspots )

A ≥ 80% 0

B 70% - 80% 0

C 50% - 70% 0

D 30% - 50% 0

E < 30% 0

Maintainability ( Code Smells )

A A rating 0

Search by project name or key

0 project(s)

Perspective: Overall Status

Sort by:

- GitLab
- Manually
- More

You don't have any favorite projects yet.

Discover and mark as favorites projects you are interested in to have a quick access to them.

Explore Projects

0 of 0 shown

## Create a project

All fields marked with \* are required

### Project display name \*



Up to 255 characters. Some scanners might override the value you provide.

### Project key \*



The project key is a unique identifier for your project. It may contain up to 400 characters. Allowed characters are alphanumeric, '-' (dash), '\_' (underscore), '.' (period) and ':' (colon), with at least one non-digit.

### Main branch name \*

The name of your project's default branch [Learn More](#)

**Set Up**

How do you want to analyze your repository?

Do you want to integrate with your favorite CI? Choose one of the following tutorials.



**With Jenkins**



**With GitHub Actions**



**With Bitbucket Pipelines**



**With GitLab CI**



**With Azure Pipelines**



**Other CI**

Are you just testing or have an advanced use-case? Analyze your project locally.



**Locally**

### Analyze your project with GitLab CI

#### 1 Set your project key

1. What option best describes your build?

**Maven** Gradle .NET Other (for JS, TS, Go, Python, PHP, ...)

2. Add the following to your pom.xml file:

```
<properties>
  <sonar.qualitygate.wait>true</sonar.qualitygate.wait>
</properties>
```

Copy

Continue

#### 2 Add environment variables

#### 3 Create or update the configuration file

#### 4 You're all set!

Analyze your project with GitLab CI

1 Set your project key

2 Add environment variables

1. Define the SonarQube Token environment variable.

In GitLab, go to **Settings > CI/CD > Variables** to add the following variable and make sure it is available for your project:

a. In the **Key** field, enter SONAR\_TOKEN 

b. In the **Value** field, enter an existing token, or a newly generated one: [Generate a token](#)

c. Uncheck the **Protect Variable** checkbox.

d. Check the **Mask Variable** checkbox.

2. Define the SonarQube URL environment variable.

Still in **Settings > CI/CD > Variables** add a new variable and make sure it is available for your project:

a. In the **Key** field, enter SONAR\_HOST\_URL 

b. In the **Value** field, enter http://astri-sq.oas.inaf.it:9010 

c. Uncheck the **Protect Variable** checkbox.

d. Leave the **Mask Variable** checkbox unchecked.

[Continue](#)

3 Create or update the configuration file

4 You're all set!

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Kevin Munari / DevOps course

# DevOps course

Star 0
 Fork 0

main **devops-course**

 Find file
 Code

**Initial commit**  
 Kevin Munari authored 3 days ago
 
 9f167c09 History

Name	Last commit	Last update
README.md	Initial commit	3 days ago

README.md

## DevOps course

### Getting started

It's easy for you to get started with GitLab, here's a list of recommended next steps.

Want to make it easy? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom!](#)

### Your files

Clone or upload files

Clone files using the command line or push an existing Git repository with the following command:

```

git clone https://www.ict.inaf.it/gitlab/kevin.munari/devops-course.git
git branch -M main
git push -uf origin main
  
```

### Project information

- 1 Commit
- 2 Branches
- 0 Tags
- 6 KIB Project Storage
- README
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Enable Auto DevOps
- + Add Kubernetes cluster
- + Set up CI/CD
- + Add Wiki
- + Configure Integrations

**Created on**  
February 27, 2026

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Search page

## > General pipelines

Customize your pipeline configuration.

## > Auto DevOps

Automate building, testing, and deploying your applications based on your continuous integration and delivery configuration. [How do I get started?](#)

## > Runners

Runners are processes that pick up and execute CI/CD jobs for GitLab. [What is GitLab Runner?](#)

## > Artifacts

A job artifact is an archive of files and directories saved by a job when it finishes.

## > Variables

Variables store information that you can use in job scripts. Each project can define a maximum of 8000 variables. [Learn more.](#)

## > Pipeline trigger tokens

Trigger a pipeline for a branch or tag by generating a trigger token and using it with an API call. The token impersonates a user's project access and permissions. [Learn more.](#)

## > Deploy freezes

Add a freeze period to prevent unintended releases during a period of time for a given environment. You must update the deployment jobs in `.gitlab-ci.yml` according to the deploy freezes added here. [Learn more.](#) Specify deploy freezes using [cron syntax](#).

## > Job token permissions

Control which groups and projects can use CI/CD job tokens to authenticate with this project. Learn more about [job token security](#).

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## Variables

Variables store information that you can use in job scripts. Each project can define a maximum of 8000 variables. [Learn more.](#)

### Minimum role to use pipeline variables

Select the minimum role that is allowed to run a new pipeline with pipeline variables. [What are pipeline variables?](#)

- No one allowed  
Pipeline variables cannot be used.
- Owner
- Maintainer
- Developer

Save changes

### Access protected resources in merge request pipelines

Make protected CI/CD variables and runners available in merge request pipelines. Protected resources will only be available in merge request pipelines if both the source and target branches of the merge request are protected. [Learn more.](#)

- Allow merge request pipelines to access protected variables and runners

Save changes

### Display manually-defined pipeline variables

Display all manually-defined variables in the pipeline details page after running a pipeline manually. [Learn more.](#)

- Display pipeline variables

All manually-defined CI/CD variables and their values are visible to maintainers, which is a security risk if including credentials or other secrets in variables. Do not enable this feature if variables could contain sensitive data. Developers can only view manually-defined variables in their own manual pipelines.

Save changes

### Project variables

Variables can be accidentally exposed in a job log, or maliciously sent to a third party server. The masked variable feature can help reduce the risk of accidentally exposing variable values, but is not a guaranteed method to prevent malicious users from accessing variables. [How can I make my variables more secure?](#)

**CI/CD Variables** </> 0 Add variable



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Select the minimum role that is allowed to run a new pipeline with pipeline variables. [What are pipeline variables?](#)

- No one allowed  
Pipeline variables cannot be used.
- Owner
- Maintainer
- Developer

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#### CI/CD Variables </> 0

Key ↑	Value	Environments
There are no variables yet.		

## Add variable

### Type

Variable (default)

### Environments

All (default)

### Visibility

- Visible  
Can be seen in job logs.
- Masked  
Masked in job logs but value can be revealed in CI/CD settings. Requires values to meet [regular expressions requirements.](#)
- Masked and hidden  
Masked in job logs, and can never be revealed in the CI/CD settings after the variable is saved.

### Flags

- Protect variable  
Export variable to pipelines running on protected branches and protected tags only.
- Expand variable reference  
\$ will be treated as the start of a reference to another variable.

### Description (optional)

The description of the variable's value or usage.

### Key

SONAR\_TOKEN

You can use CI/CD variables with the same name in different places, but the variables might overwrite each other. [What is the order of precedence for variables?](#)

Analyze your project with GitLab CI

### 1 Set your project key

### 2 Add environment variables

1. Define the SonarQube Token environment variable.

In GitLab, go to **Settings > CI/CD > Variables** to add the following variable and make sure it is available for your project:

a. In the **Key** field, enter `SONAR_TOKEN` 

b. In the **Value** field, enter an existing token, or a newly generated one: [Generate a token](#)

c. Uncheck the **Protect Variable** checkbox.

d. Check the **Mask Variable** checkbox.

2. Define the SonarQube URL environment variable.

Still in **Settings > CI/CD > Variables** add a new variable and make sure it is available for your project:

a. In the **Key** field, enter `SONAR_HOST_URL` 

b. In the **Value** field, enter `http://astri-sq.oas.inaf.it:9010` 

c. Uncheck the **Protect Variable** checkbox.

d. Leave the **Mask Variable** checkbox unchecked.

[Continue](#)

### 3 Create or update the configuration file

### 4 You're all set!

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Continue

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### Generate a project token

The project token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point in time in your [user account](#).

Token name

Analyze "DevOps course"

Expires in

30 days

Generate

Please note that this token is used to analyze the current project. If you want to use it to analyze multiple projects, you need to generate a new token in your [user account](#). See the [documentation](#) for more information.

- 30 days
- 90 days
- 1 year
- No expiration

Continue

Analyze your project with GitLab CI

1 Set your project key

2 Add environment variables

- 1. Define the SonarQube Token environment variable.  
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Continue

3 Create or update the configuration file

4 You're all set!

### Generate a project token

The project token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point in time in your [user account](#).

Analyze "DevOps course":

sqp\_42d0d077ff813e3abee34fe43



New token "sqp\_42d0d077ff813e3abee34fe43" has been created. Make sure you copy it now, you won't be able to see it again!

Continue

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Select the minimum role that is allowed to run a new pipeline with pipeline variables. [What are pipeline variables?](#)

- No one allowed  
Pipeline variables cannot be used.
- Owner
- Maintainer
- Developer

Save changes

**Access protected resources in merge request pipelines**

Make protected CI/CD variables and runners available in merge request pipelines. Protected resources will only be available in merge request pipeline branches of the merge request are protected. [Learn more.](#)

- Allow merge request pipelines to access protected variables and runners

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Display all manually-defined variables in the pipeline details page after running a pipeline manually. [Learn more.](#)

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CI/CD Variables </> 0

Key ↑	Value	Environments
There are no variables yet.		

- Masked  
Masked in job logs but value can be revealed in CI/CD settings. Requires values to meet [regular expressions requirements.](#)
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**Flags**

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Export variable to pipelines running on protected branches and protected tags only.
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**Description (optional)**

The description of the variable's value or usage.

**Key**

SONAR\_TOKEN

You can use CI/CD variables with the same name in different places, but the variables might overwrite each other. [What is the order of precedence for variables?](#)

**Value**

sqp\_42d0d077ff813e3abee34fe43

Variable value will be evaluated as raw string.

Add variable Cancel



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CI/CD Variables </> 1				Hide values	Add variable
Key ↑	Value	Environments	Actions		
SONAR_TOKEN	sqp_42d0d077ff813e3abee34fe43...	All (default)			
<span style="background-color: #e0e0e0; padding: 2px;">Masked</span>					

Analyze your project with GitLab CI

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b. In the **Value** field, enter `http://astri-sq.oas.inaf.it:9010` 

c. Uncheck the **Protect Variable** checkbox.

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[Continue](#)

### 3 Create or update the configuration file

### 4 You're all set!



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CI/CD Variables </> 1

Key ↑	Value	Environments
SONAR_TOKEN	.....	All (default)
<span style="background-color: #e6e6fa; border-radius: 3px; padding: 2px;">Masked</span>		

- Masked  
Masked in job logs but value can be revealed in CI/CD settings. Requires values to meet [regular expressions requirements](#).
- Masked and hidden  
Masked in job logs, and can never be revealed in the CI/CD settings after the variable is saved.

**Flags**

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The description of the variable's value or usage.

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**Value**

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Add variable Cancel



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CI/CD Variables </> 2 Hide values Add variable

Key ↑	Value	Environments	Actions
SONAR_HOST_URL	http://astri-sq.oas.inaf.it:9010	All (default)	
SONAR_TOKEN	sqp_42d0d077ff813e3abee34fe43...	All (default)	

Masked

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Analyze your project with GitLab CI

1 Set your project key

2 Add environment variables

3 Create or update the configuration file

Create or update your `.gitlab-ci.yml`  file with the following content.

```
sonarqube-check:
  image: maven:3.6.3-jdk-11
  variables:
    SONAR_USER_HOME: "${CI_PROJECT_DIR}/.sonar" # Defines the location
    GIT_DEPTH: "0" # Tells git to fetch all the branches of the project
  cache:
    key: "${CI_JOB_NAME}"
    paths:
      - .sonar/cache
  script:
    - mvn verify sonar:sonar -Dsonar.projectKey=devops-course
  allow_failure: true
  only:
    - main
```

 Copy

Note that this is a minimal base configuration to run a SonarQube analysis on your main branch.  
If you already have a pipeline configured and running, you might want to add the example from this step to your existing yml file.

[Finish this tutorial >](#)

4 You're all set!



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implement\_example devops-course / .gitlab-ci.yml

## .gitlab-ci.yml

Find file Blame Edit

**Add .gitlab-ci.yml**  
Kevin Munari authored 4 minutes ago

326991ed History

✓ This GitLab CI configuration is valid. [Learn more](#)

**.gitlab-ci.yml** 512 B

```
1 sonarqube-check:
2   image: maven:3.6.3-jdk-11
3   variables:
4     SONAR_USER_HOME: "${CI_PROJECT_DIR}/.sonar" # Defines the location of the analysis task cache
5     GIT_DEPTH: "0" # Tells git to fetch all the branches of the project, required by the analysis task
6   cache:
7     key: "${CI_JOB_NAME}"
8     paths:
9       - .sonar/cache
10  script:
11    - mvn verify sonar:sonar -Dsonar.projectKey=devops-course -Dsonar.coverage.jacoco.xmlReportPaths="./*/target/site/jacoco/*.xml"
12  allow_failure: true
13  only:
14    - main
15
```

### Analyze your project with GitLab CI

1 Set your project key

2 Add environment variables

3 Create or update the configuration file

4 You're all set!

**You're all set** and ready to improve the quality and security of your code!



**Commit and push your code to start the analysis.**

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



**This page will then refresh with your analysis results.**

If the page doesn't refresh after a while, please double-check the analysis configuration, and check your logs.

Waiting for the first analysis to come in...



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## > General pipelines

Customize your pipeline configuration.

## > Auto DevOps

Automate building, testing, and deploying your applications based on your continuous integration and delivery configuration. [How do I get started?](#)

## > Runners

Runners are processes that pick up and execute CI/CD jobs for GitLab. [What is GitLab Runner?](#)

## > Artifacts

A job artifact is an archive of files and directories saved by a job when it finishes.

## > Variables

Variables store information that you can use in job scripts. Each project can define a maximum of 8000 variables. [Learn more.](#)

## > Pipeline trigger tokens

Trigger a pipeline for a branch or tag by generating a trigger token and using it with an API call. The token impersonates a user's project access and permissions. [Learn more.](#)

## > Deploy freezes

Add a freeze period to prevent unintended releases during a period of time for a given environment. You must update the deployment jobs in `.gitlab-ci.yml` according to the deploy freezes added here. [Learn more.](#) Specify deploy freezes using [cron syntax](#).

## > Job token permissions

Control which groups and projects can use CI/CD job tokens to authenticate with this project. Learn more about [job token security](#).

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Runners are processes that pick up and execute CI/CD jobs for GitLab. [What is GitLab Runner?](#)

**Available Runners**

Assigned project runners   Other available project runners 6   Group   Instance

Create project runner



**No project runners found**

This project does not have any project runners yet. To add them, select **Create project runner**.



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Available Runners				Create project runner
Assigned project runners		Other available project runners 6		Group Instance
Status	Runner configuration ?	Owner ?		
<span style="color: green;">● Online</span> <span style="border: 1px solid gray; border-radius: 50%; padding: 2px;">Idle</span>	<b>#3162 (5xHYS2r9)</b> <span>Project</span> Version 17.7.0 · GitLab runner used for the GitLab School 48 Last contact: 53 minutes ago 140.105.76.146 Created by Cristiano Urban Jan 31, 2025 <a href="#">howto-gitlab-runner</a>	HowTo GitLab		<span>⏸</span> <span>🔗</span> <span>🗑</span>
<span style="color: green;">● Online</span> <span style="border: 1px solid gray; border-radius: 50%; padding: 2px;">Idle</span>	<b>#3108 (jfxahgFy)</b> <span>Project</span> Version 13.10.0 · alarm-ci 127 Last contact: 51 minutes ago 140.105.76.146 Created by Juan Alvarez Aug 1, 2024 <a href="#">alarm</a>	alarm-system		<span>⏸</span> <span>🔗</span>

Assign to project



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**Available Runners** Create project runner

Assigned project runners **1** Other available project runners **5** Group Instance

Status	Runner configuration	Owner
<span>Online</span> <span>Idle</span>	<b>#3108 (jfxahgFy)</b> <span>Project</span> Version 13.10.0 · alarm-ci 127 Last contact: 1 minute ago 140.105.76.146 Created by Juan Alvarez Aug 1, 2024 <span>alarm</span>	alarm-system <span>edit</span> <span>stop</span> <span>delete</span>

### > Artifacts

A job artifact is an archive of files and directories saved by a job when it finishes.

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Kevin Munari / DevOps course

# DevOps course

Star 0
 Fork 0

main `devops-course`

Merge branch 'bugfix' into 'main'
 Kevin Munari authored 8 minutes ago
 a5be8b8c

- Pipelines
- Jobs
- Pipeline editor
- Pipeline schedules
- Artifacts

Name	Last commit	Last update
	Add the code	3 days ago
ab-ci.yml	Add .gitlab-ci.yml	57 minutes ago
DME.md	Initial commit	3 days ago
pom.xml	Add missing properties to the POM file	10 minutes ago

## Project information

- 5 Commits
- 1 Branch
- 0 Tags
- 177 KiB Project Storage

- README
- CI/CD configuration
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Add Kubernetes cluster
- + Add Wiki
- + Configure Integrations

**Created on**  
February 27, 2026

**README.md**

## DevOps course

### Getting started

To make it easy for you to get started with GitLab, here's a list of recommended next steps.

Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom!](#)

### Add your files

- Create or upload files
- Add files using the command line or push an existing Git repository with the following command:



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Kevin Munari / DevOps course / Pipelines

[All](#) **2**
[Finished](#)
[Branches](#)
[Tags](#)
[View analytics](#)
[Clear runner caches](#)
[New pipeline](#)

Status	Pipeline	Created by	Stages	Actions
<span>✓ Passed</span> 00:00:55 8 minutes ago	Merge branch 'bugfix' into 'main' #34859  a5be8b8c <span>latest</span> <span>branch</span>		<span>✓</span>	<input type="button" value="Download"/>
<span>⚠ Warning</span> 00:00:29 31 minutes ago	Merge branch 'implement_example' into '...' #34857  5eefa29b <span>branch</span>		<span>⚠</span>	<input type="button" value="Refresh"/> <input type="button" value="Download"/>



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# Merge branch 'bugfix' into 'main'

Delete

Passed Created 13 minutes ago by Kevin Munari, finished 12 minutes ago

For commit a5be8b8c

In main

latest branch 1 job 55 seconds, queued for 5 seconds

Pipeline Jobs 1 Tests 0

**test**

sonarqube-check



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# sonarqube-check

Passed Started 14 minutes ago by Kevin Munari



Search visible log output

```

1 Running with gitlab-runner 13.10.0 (54944146)
2   on alarm-ci glrt-jfx
3 Preparing the "docker" executor
4 Using Docker executor with image maven:3.6.3-jdk-11 ...
5 Pulling docker image maven:3.6.3-jdk-11 ...
6 Using docker image sha256:e23b595c92ada5c9f20a27d547ed980a445f644eb1cbde7c7b27478fa38c4691 for maven:3.6.3-jdk-11 with digest maven@sha256:1d29ccf46ef2a5e64f7de3d79a63f9bcffb4dc56be0ae3daed5ca5542b38aa2d ...
7 Preparing environment
8 Running on runner-glrt-jfx-project-2689-concurrent-0 via astrici.giano.iasfbo...
9 Getting source from Git repository
10 Fetching changes...
11 Reinitialized existing Git repository in /tmp/builds/glrt-jfx/0/gitlab/kevin.munari/devops-course/.git/
12 Checking out a5be8b8c as main...
13 Removing target/
14 Skipping Git submodules setup
15 Restoring cache
16 Checking cache for sonarqube-check-protected...
17 No URL provided, cache will not be downloaded from shared cache server. Instead a local version of cache will be extracted.
18 Successfully extracted cache
19 Executing "step_script" stage of the job script
20 Using docker image sha256:e23b595c92ada5c9f20a27d547ed980a445f644eb1cbde7c7b27478fa38c4691 for maven:3.6.3-jdk-11 with digest maven@sha256:1d29ccf46ef2a5e64f7de3d79a63f9bcffb4dc56be0ae3daed5ca5542b38aa2d ...
21 $ mvn verify sonar:sonar -Dsonar.projectKey=devops-course -Dsonar.coverage.jacoco.xmlReportPaths="*/target/site/jacoco/*.xml"
22 [INFO] Scanning for projects...
23 Downloading from central: https://repo.maven.apache.org/maven2/org/jacoco/jacoco-maven-plugin/0.8.11/jacoco-maven-plugin-0.8.11.pom
24 Downloaded from central: https://repo.maven.apache.org/maven2/org/jacoco/jacoco-maven-plugin/0.8.11/jacoco-maven-plugin-0.8.11.pom (4.2 kB at 10 kB/s)
25 Downloading from central: https://repo.maven.apache.org/maven2/org/jacoco/org.jacoco.build/0.8.11/org.jacoco.build-0.8.11.pom
26 Downloaded from central: https://repo.maven.apache.org/maven2/org/jacoco/org.jacoco.build/0.8.11/org.jacoco.build-0.8.11.pom (44 kB at 664 kB/s)
27 Downloading from central: https://repo.maven.apache.org/maven2/org/jacoco/org.jacoco.build/0.8.11/org.jacoco.build-0.8.11.pom

```

Duration: 55 seconds  
 Finished: 15 minutes ago  
 Queued: 2 seconds  
 Timeout: 1h (from project)  
 Runner: #3108 (jfxahgFy) alarm-ci  
 Source: Push

Commit a5be8b8c  
 Merge branch 'bugfix' into 'main'

Pipeline #34859 Passed for main

test

Related jobs  
 → sonarqube-check



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```

657 -----
658  T E S T S
659 -----
660 Running it.inaf.devops.ExampleTest
661 Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.143 sec
662 Results :
663 Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
664 [INFO]
665 [INFO] --- jacoco-maven-plugin:0.8.11:report (report) @ sonar-qube-example ---
666 [INFO] Loading execution data file /tmp/builds/glrt-jfx/0/gitlab/kevin.munari/devops-course/target/jacoco.exec
667 [INFO] Analyzed bundle 'sonar-qube-example' with 1 classes
668 [INFO]
669 [INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ sonar-qube-example ---
670 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.pom
671 Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/maven-archiver/2.5/maven-archiver-2.5.pom (4.5 kB at 91 kB/s)
672 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.pom
673 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-archiver/2.1/plexus-archiver-2.1.pom (2.8 kB at 56 kB/s)
674 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.pom
675 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.0/plexus-utils-3.0.pom (4.1 kB at 75 kB/s)
676 Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/16/spice-parent-16.pom
677 Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/spice/spice-parent/16/spice-parent-16.pom (8.4 kB at 104 kB/s)
678 Downloading from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/5/forge-parent-5.pom
679 Downloaded from central: https://repo.maven.apache.org/maven2/org/sonatype/forge/forge-parent/5/forge-parent-5.pom (8.4 kB at 133 kB/s)
680 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.pom
681 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-io/2.0.2/plexus-io-2.0.2.pom (1.7 kB at 33 kB/s)
682 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.19/plexus-components-1.1.19.pom
683 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-components/1.1.19/plexus-components-1.1.19.pom (2.7 kB at 49 kB/s)
684 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.0.1/plexus-3.0.1.pom
685 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus/3.0.1/plexus-3.0.1.pom (19 kB at 358 kB/s)
686 Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.pom
687 Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-interpolation/1.15/plexus-interpolation-1.15.pom (1.0 kB at 20 kB/s)
688 Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/lang/commons-lang/2.1/commons-lang-2.1.pom
689 Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/lang/commons-lang/2.1/commons-lang-2.1.pom (8.9 kB at 12 kB/s)

```

Search visible log output



Duration: 55 seconds  
 Finished: 16 minutes ago  
 Queued: 2 seconds  
 Timeout: 1h (from project) [?](#)  
 Runner: #3108 (jfxahgFy) alarm-ci  
 Source: Push

Commit [a5be8b8c](#)  
 Merge branch 'bugfix' into 'main'

Pipeline #34859 ✔ Passed for main

test

Related jobs  
 → ✔ sonarqube-check

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Kevin Munari / DevOps course / Jobs / #143455

```

831 [INFO] 22:03:37.689 Sensor Analysis Warnings import [csharp]
832 [INFO] 22:03:37.690 Sensor Analysis Warnings import [csharp] (done) | time=1ms
833 [INFO] 22:03:37.691 Sensor Zero Coverage Sensor
834 [INFO] 22:03:37.691 Sensor Zero Coverage Sensor (done) | time=0ms
835 [INFO] 22:03:37.692 Sensor Java CPD Block Indexer
836 [INFO] 22:03:37.704 Sensor Java CPD Block Indexer (done) | time=12ms
837 [INFO] 22:03:37.707 SCM Publisher SCM provider for this project is: git
838 [INFO] 22:03:37.710 SCM Publisher 3 source files to be analyzed
839 [INFO] 22:03:37.899 SCM Publisher 3/3 source files have been analyzed (done) | time=188ms
840 [INFO] 22:03:37.902 CPD Executor 1 file had no CPD blocks
841 [INFO] 22:03:37.902 CPD Executor Calculating CPD for 0 files
842 [INFO] 22:03:37.903 CPD Executor CPD calculation finished (done) | time=0ms
843 [INFO] 22:03:37.972 Analysis report generated in 66ms, dir size=128.7 kB
844 [INFO] 22:03:37.984 Analysis report compressed in 11ms, zip size=20.0 kB
845 [INFO] 22:03:38.013 Analysis report uploaded in 28ms
846 [INFO] 22:03:38.016 ----- Check Quality Gate status
847 [INFO] 22:03:38.017 Waiting for the analysis report to be processed (max 300s)
848 [INFO] 22:03:43.058 QUALITY GATE STATUS: PASSED - View details on http://astri-sq.oas.inaf.it:9010/dashboard?id=devops-course
849 [INFO] 22:03:43.064 Executing post-job 'Final report'
850 [INFO] 22:03:43.067 Turn debug info on to get more details (sonar-scanner -X -Dsonar.verbose=true ...).
851 [INFO] 22:03:43.073 Analysis total time: 11.116 s
852 [INFO] -----
853 [INFO] BUILD SUCCESS
854 [INFO] -----
855 [INFO] Total time: 34.682 s
856 [INFO] Finished at: 2026-03-02T22:03:43Z
857 [INFO] -----
858 Saving cache for successful job
859 Creating cache sonarqube-check-protected...
860 .sonar/cache: found 88 matching files and directories
861 No URL provided, cache will be not uploaded to shared cache server. Cache will be stored only locally.
862 Created cache
863 Cleaning up file based variables
864 Job succeeded

```

Search visible log output

Duration: 55 seconds  
 Finished: 14 minutes ago  
 Queued: 2 seconds  
 Timeout: 1h (from project)  
 Runner: #3108 (jfxahgFy) alarm-ci  
 Source: Push

Commit a5be8b8c  
 Merge branch 'bugfix' into 'main'

Pipeline #34859 Passed for main

test

Related jobs  
 → sonarqube-check

QUALITY GATE STATUS

**Passed**  
All conditions passed.

MEASURES

New Code	Overall Code
0 Bugs	Reliability <b>A</b>
0 Vulnerabilities	Security <b>A</b>
0 Security Hotspots	Reviewed Security Review <b>A</b>
0 Debt	0 Code Smells Maintainability <b>A</b>
<div style="display: flex; justify-content: space-around;"> <div> <p>100%</p> <p>Coverage on 2 Lines to cover</p> </div> <div> <p>1</p> <p>Unit Tests</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div> <p>0.0%</p> <p>Duplications on 53 Lines</p> </div> <div> <p>0</p> <p>Duplicated Blocks</p> </div> </div>

ACTIVITY

Choose graph type: Issues

March 2, 2026 at 11:03 PM 1.0.0