

gitlab-projects-issues

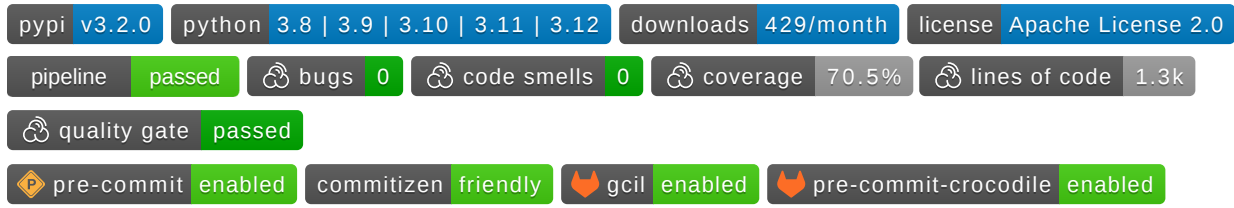
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Description: Generate GitLab project issues and milestones statistics automatically

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► Webhooks



Generate GitLab project issues and milestones statistics automatically

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Issues access token

- **Settings:**
 - **Action:** Add new token
 - **Token name:** <path/to/webhooks/project>-reporter-api
 - **Expiration date:** yyyy-12-31
 - **Select a role:** Reporter
 - **Select scopes:**
 - **api:** Enable
 - **Action:** Create project access token
 - **Your new project access token:**
 - **Action:** Copy project access token
-

CI/CD webhooks project

- **Settings / CI/CD / Variables:**
 - **Action:** Add variable
 - **Visibility:** Masked and hidden
 - **Protect variable:** Enable
 - **Expand variable reference:** Enable
 - **Key:** `GITLAB_TOKEN`
 - **Value:** `PASTE_<path/to/webhooks/project>-reporter-api_TOKEN`
 - **Action:** Add variable
- **Settings / Access tokens:**
 - **Action:** Add new token
 - **Token name:** `webhook-issues`
 - **Expiration date:** `yyyy-12-31`
 - **Select a role:** `Maintainer`
 - **Select scopes:**
 - **api:** Enable
 - **Action:** Create project access token
 - **Your new project access token:**
 - **Action:** Copy project access token
- **Repository sources with a `gitlab-projects-issues` CI/CD pipeline:**

Webhooks / README.md

```
# GROUP - PATH - Webhooks

**Documentation:** <https://radiandevcore.gitlab.io/tools/gitlab-projects-issues>
```

Webhooks / .gitignore

```
# Cache intermediates
.cache
```

Webhooks / .gitlab-ci.yml

```
.image-issues:
  image: registry.gitlab.com/radiandevcore/tools/gitlab-projects-issues/gitlab-projects-issues:latest

variables:
  # Predefined CI variables
  GITLAB_TOKEN:
    value: ''
    description: 'GitLab private token'
  ISSUES_DEFAULT_ESTIMATE:
    value: '20'
    description: 'Issues - Default estimated times for issues'
  ISSUES_PROJECT:
    value: 'group/path/to/issues'
    description: 'Issues - GitLab project path with namespace'

stages:
  - issues

issues:milestones:
  stage: issues
  extends:
    - .image-issues
  interruptible: true
  resource_group: 'issues.milestones'
  script:
    # Debounce pipeline executions
    - |
      set +x
      mkdir -p ./cache/
      touch -d '-5 minutes' ./cache/timestamp_debounce
      if [ -f ./cache/timestamp_last ] && [ ./cache/timestamp_last -nt ./cache/timestamp_debounce ]; then
        echo ' '
        echo ' [INFO] Debouncing API access, cancelling job...'
        echo ' '
        exit 0
      else
        touch ./cache/timestamp_last
      fi
    # Generate milestones statistics
    - |
      gitlab-projects-issues \
        --milestones-statistics \
        --default-estimate "${ISSUES_DEFAULT_ESTIMATE:?}" \
        "${CI_SERVER_URL}/${ISSUES_PROJECT:?}"

cache:
  paths:
    - .cache/timestamp_last
  start_in: 5 minutes
  when: delayed
```

Issues webhook configuration

- **Settings / Webhooks:**
 - **Action:** Add new webhook
 - **URL:** `https://<GITLAB_DOMAIN>/api/v4/projects/<PATH%2FTO%2FWEBHOOK%2FPROJECT>/pipeline?ref=<BRANCH>`
 - **Action:** Add custom headers
 - **Header name:** `PRIVATE-TOKEN`
 - **Header value:** `PASTE_webhook-issues_TOKEN`
 - **Name:** `gitlab-projects-issues`
 - **Trigger:**
 - **Issues events:** Enable
 - **Enable SSL verification:** Enable
 - **Action:** Add webhook
 - **Action:** Test (`gitlab-projects-issues`) / Issue events

gitlab-projects-issues