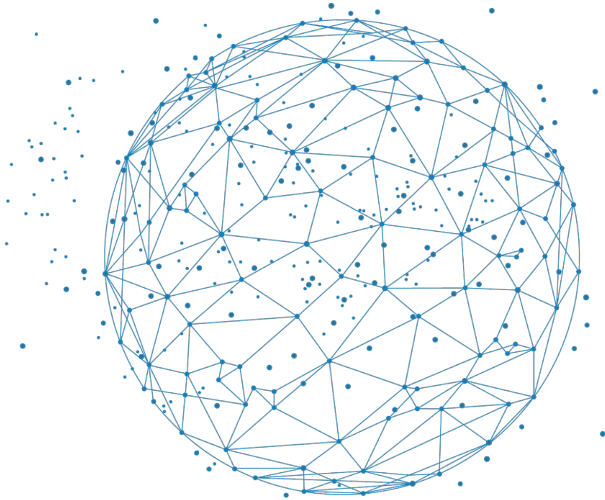


2025 November 27th



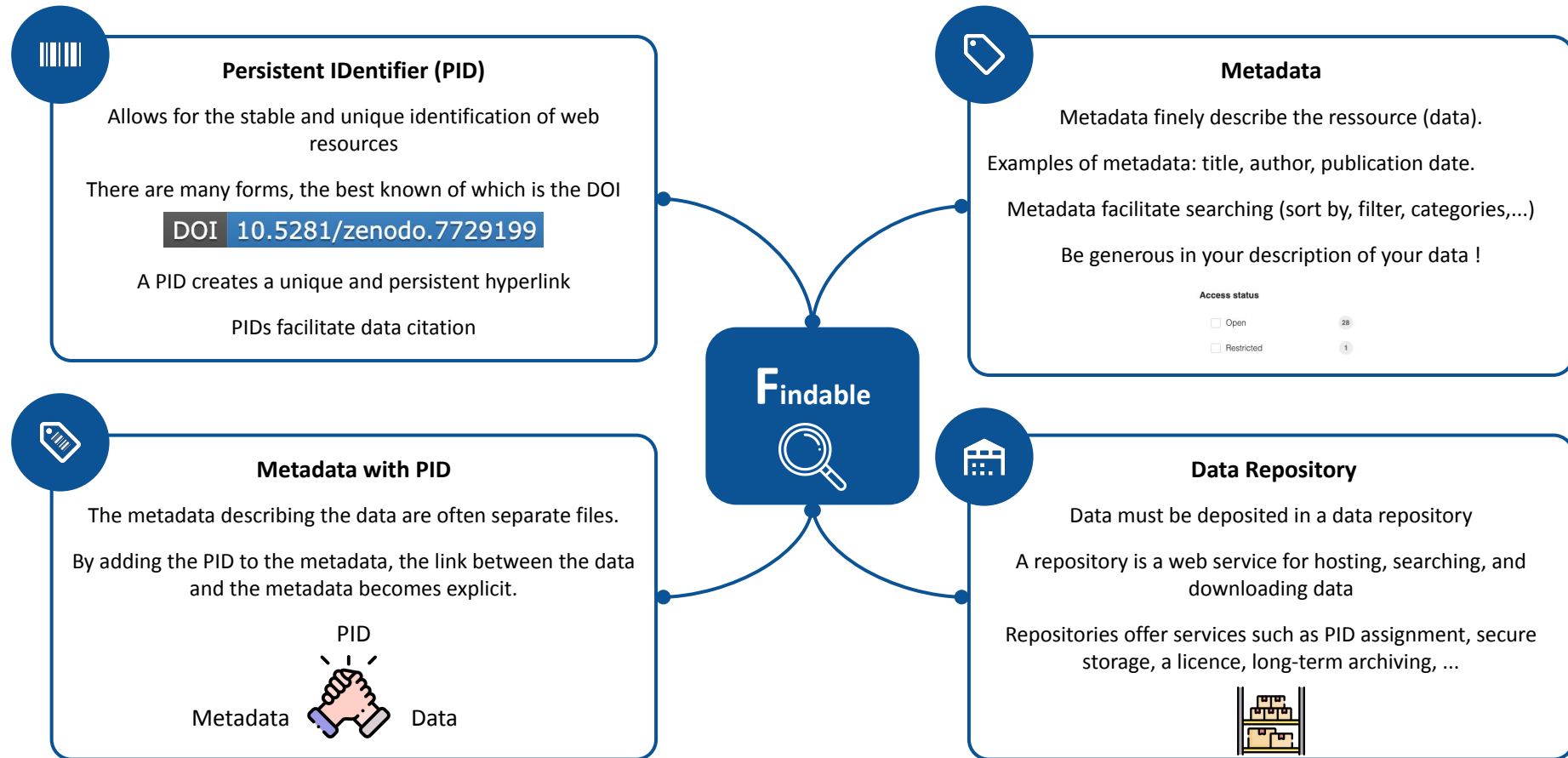
# Improving the FAIRness of Your GitLab

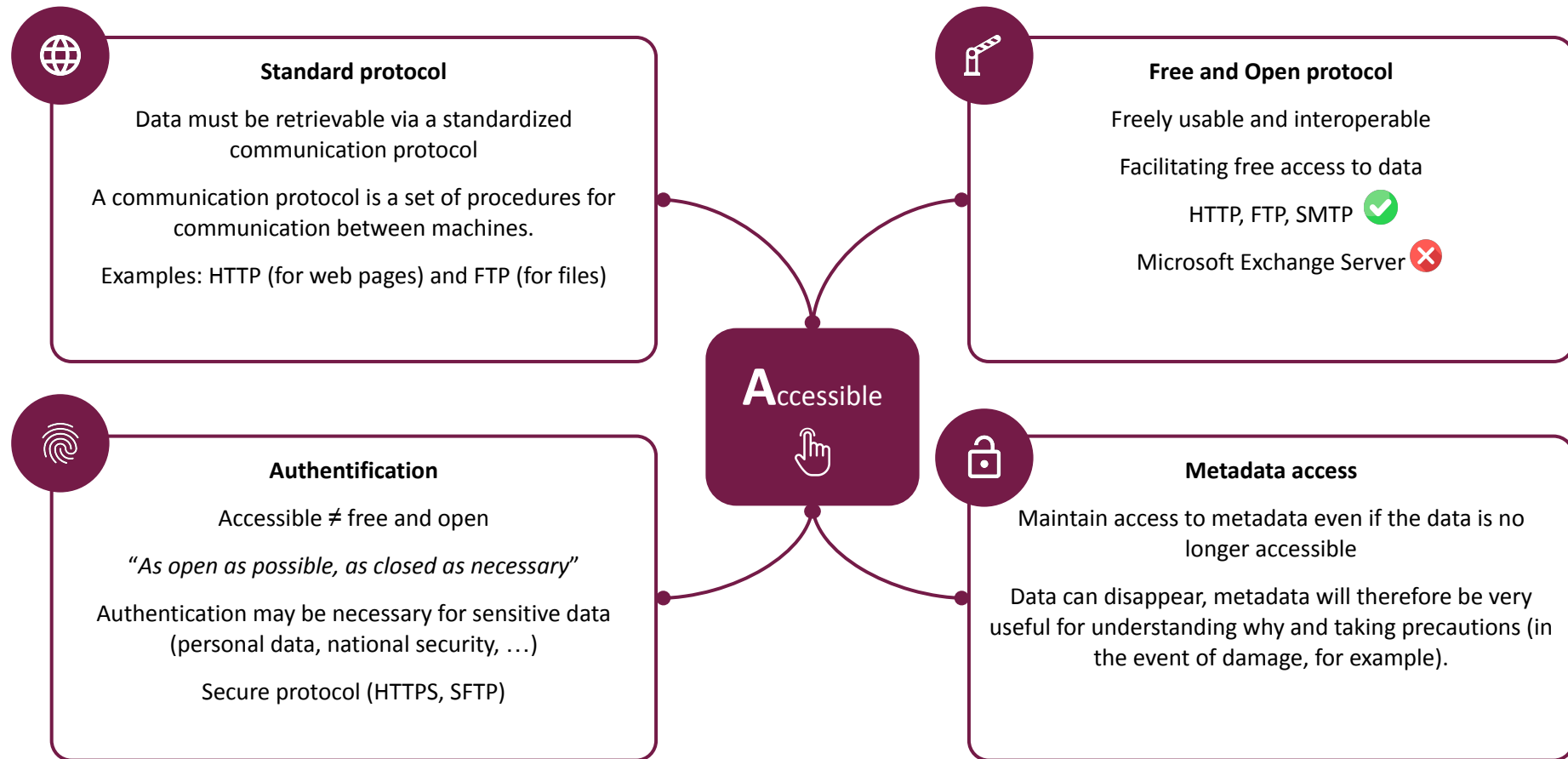
**DENECKER Thomas**  
CNRS—IFB  
0000-0003-1421-7641 

**MESSAK Imane**  
CNRS—IFB  
0000-0002-1654-6652 

**ROUSSEAU Baptiste**  
CNRS—IFB  
0009-0002-1723-2732 









## Controlled vocabulary

Use a controlled vocabulary to index and find knowledge

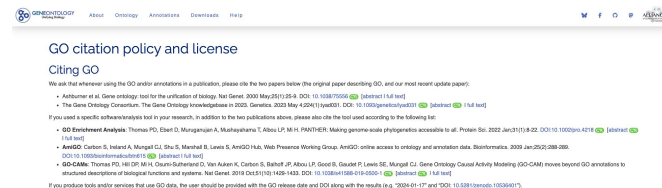
A controlled vocabulary is a list of predefined terms

Commun language for machines



## FAIR vocabulary

A vocabulary that respects the FAIR principles must be used (ie: PID)



## Interoperabl



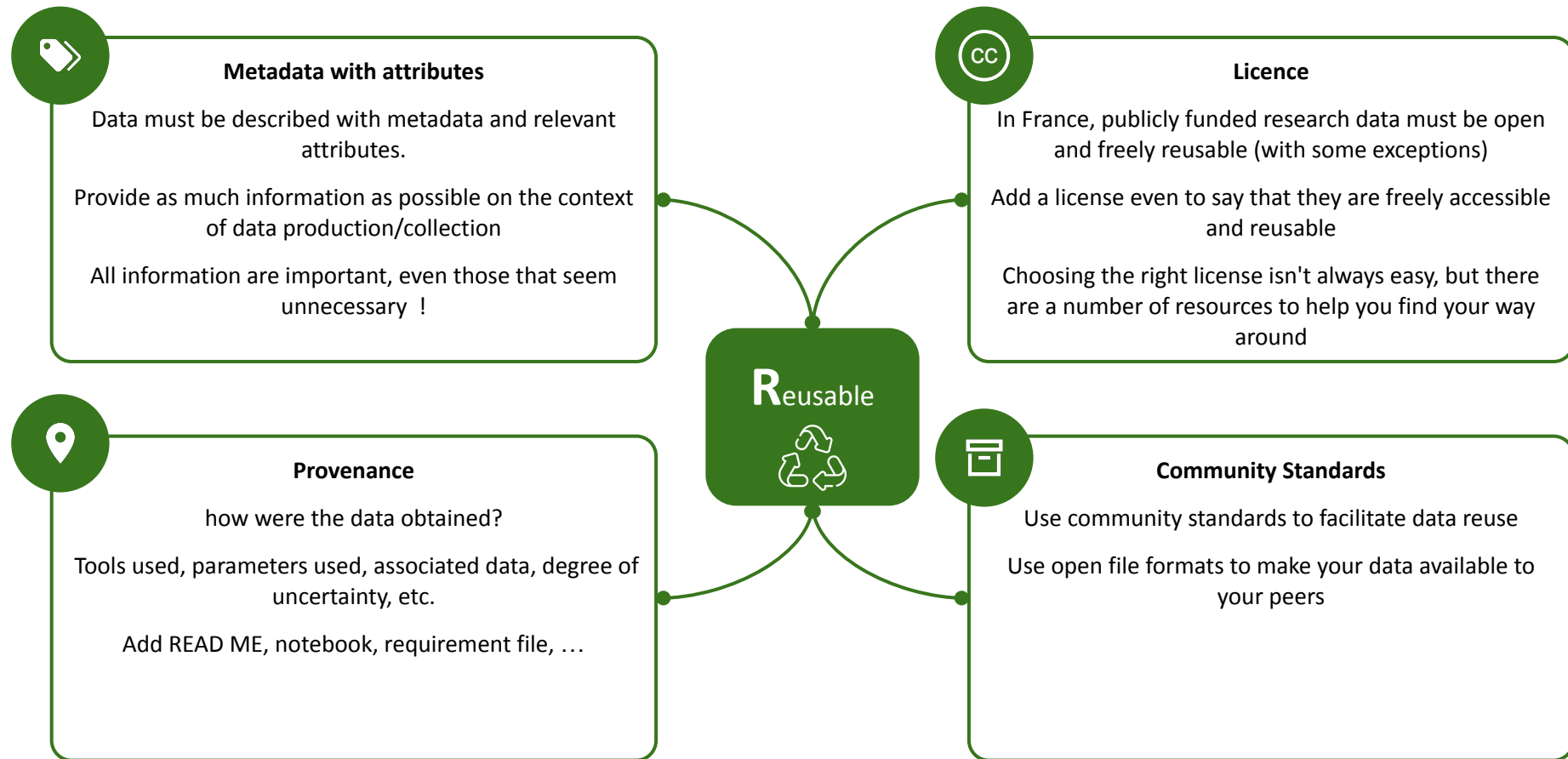
## Linked Metadata

Link data to enrich their context

The FAIR principles rely on the Web of data (RDF)

Links between data follow a three-part structure (triplet): subject, predicate, object

Repositories like Nakala use RDF technology to link data



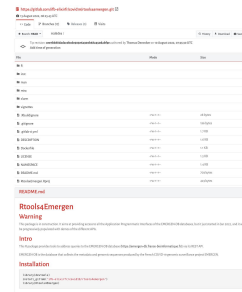
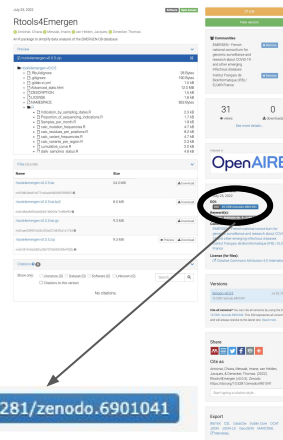
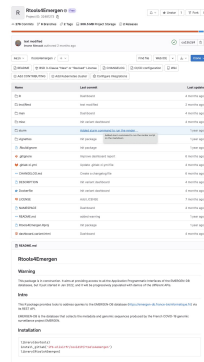
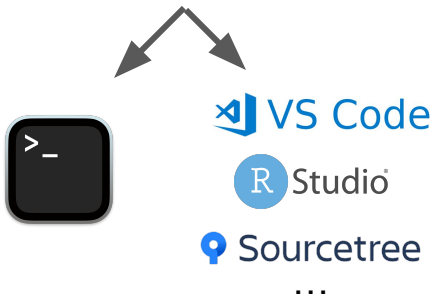
# Reminder of the good practices

Versioning

Versioning /  
sharing

Sharing

Archiving

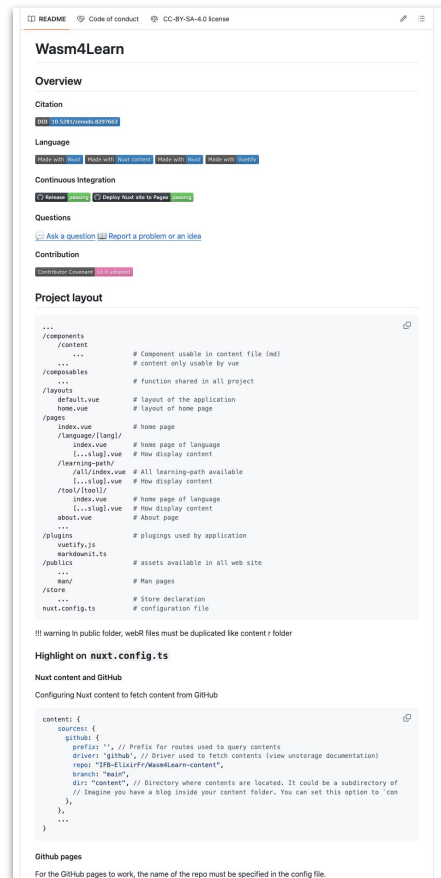


DOI 10.5281/zenodo.6901041

The README is the **first thing** users and contributors see → **it's your project's entry point.**

A README file is essential for guiding users, documenting the project, encouraging contribution, and promoting development best practices.

Resources: <https://www.makeareadme.com/>  
<https://readme.so/>





## Why add a license?

- Grants users legal clarity on how they can use, share, or modify your code
- Essential for reuse and open collaboration

## What happens when you add a code with no license, by default:

- Nobody has legal permission to use, modify, or share it, not even for personal or academic use.
- The code is considered “all rights reserved” under copyright law.
- Even open access (e.g. on GitHub) does not mean open source.

This creates uncertainty and discourages reuse, collaboration, and reproducibility, especially in science and open-source communities.

Home

## No License

When you make a creative work (which includes code), the work is under exclusive copyright by default. Unless you include a license that specifies otherwise, nobody else can copy, distribute, or modify your work without being at risk of take-downs, shake-downs, or litigation. Once the work has other contributors (each a copyright holder), “nobody” starts including you.

Even in the absence of a license file, you may grant some rights in cases where you publish your source code to a site that requires accepting terms of service. For example, if you publish your source code in a public repository on GitHub, you have accepted the [Terms of Service](#), by which you allow others to view and fork your repository. Others may not need your permission if [limitations and exceptions to copyright](#) apply to their particular situation. Neither site terms nor jurisdiction-specific copyright limitations are sufficient for the kinds of collaboration that people usually seek on a public code host, such as experimentation, modification, and sharing as fostered by an open source license.

You don't have to do anything to *not* offer a license. You may, however, wish to add a copyright notice and statement that you are not offering any license in a prominent place (e.g., your project's README) so that [users](#) don't assume you made an oversight. If you're going to accept others' contributions to your non-licensed project, you may wish to explore adding a contributor agreement to your project with your lawyer so that you maintain copyright permission from contributors, even though you're not granting the same.

Disallowing use of your code might not be what you intend by “no license.” An [open source license](#) allows reuse of your code while retaining copyright. If your goal is to completely opt-out of copyright restrictions, try a [public domain dedication](#) instead.

## For users

If you find software that doesn't have a license, that generally means you have no permission from the creators of the software to use, modify, or share the software. Although a code host such as GitHub may allow you to view and fork the code, this does not imply that you are permitted to use, modify, or share the software for any purpose.

Your options:

- **Ask the maintainers nicely to add a license.** Unless the software includes strong indications to the contrary, lack of a license is probably an oversight. If the software is hosted on a site like GitHub, open an issue requesting a license and include a link to this site. If you're bold and it's fairly obvious what license is most appropriate, open a pull request to add a license – see “suggest this license” in the sidebar of the page for each license on this site (e.g., [MIT](#)).
- **Don't use the software.** Find or create an alternative that is under an open source license.
- **Negotiate a private license.** Bring your lawyer.

The content of this site is licensed under the Creative Commons Attribution 3.0 Unported License.

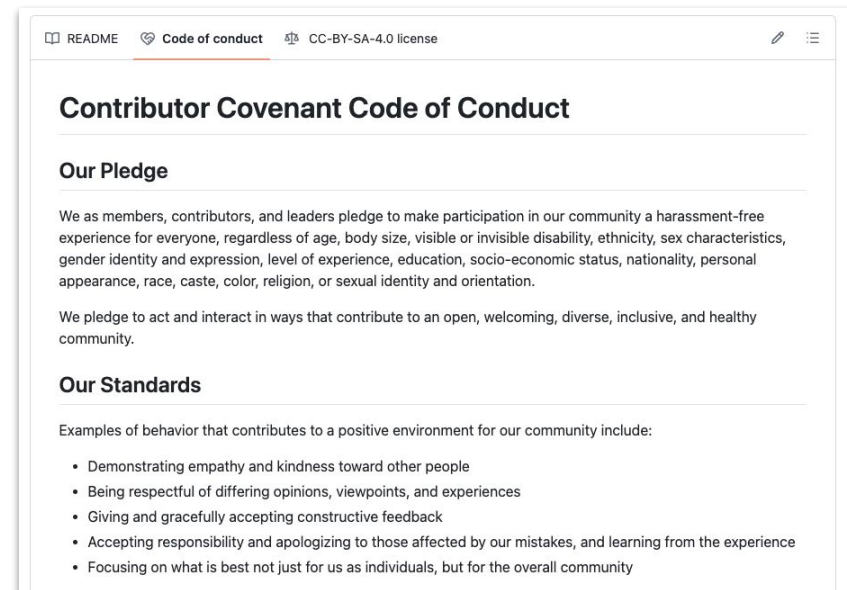
About Terms of Service Help improve this page  
Curated with ❤ by GitHub, Inc. and You!

source: <https://choosealicense.com/no-permission/>

A code of conduct helps to create a positive and respectful environment where all community members can contribute meaningfully and feel safe.

Where to find one for your repository ?

[https://www.contributor-covenant.org/version/2/1/code\\_of\\_conduct/](https://www.contributor-covenant.org/version/2/1/code_of_conduct/)



A CONTRIBUTING file serves as a valuable resource for guiding contributors, clarifying expectations, promoting collaboration, and fostering a positive and inclusive community around the project.

What to include:

- How to submit an issue / MR
- Commit message guidelines
- Testing, CI, review process

Documentation

<https://docs.github.com/fr/communities/setting-up-your-project-for-healthy-contributions/setting-guidelines-for-repository-contributors>

## Contributing Guidelines

*Pull requests, bug reports, and all other forms of contribution are welcomed and highly encouraged!* 🐼

### Contents

- [Code of Conduct](#)
- [Asking Questions](#)
- [Opening an Issue](#)
- [Feature Requests](#)
- [Triaging Issues](#)
- [Submitting Pull Requests](#)
- [Writing Commit Messages](#)
- [Code Review](#)
- [Coding Style](#)
- [Certificate of Origin](#)
- [Credits](#)

This guide serves to set clear expectations for everyone involved with the project so that we can improve it together while also creating a welcoming space for everyone to participate. Following these guidelines will help ensure a positive experience for contributors and maintainers.

### Code of Conduct

Please review our [Code of Conduct](#). It is in effect at all times. We expect it to be honored by everyone who contributes to this project. Acting like an asshole will not be tolerated.

### Asking Questions

See our [Support Guide](#). In short, GitHub issues are not the appropriate place to debug your specific project, but should be reserved for filing bugs and feature requests.

### Opening an Issue

Before [creating an issue](#), check if you are using the latest version of the project. If you are not up-to-date, see if updating fixes your issue first.

### Reporting Security Issues

Review our [Security Policy](#). Do not file a public issue for security vulnerabilities.

## What is CodeMeta?

- A JSON-LD vocabulary / schema to describe software metadata.
- Helps make your software more findable, citable, and interoperable

## How to use it:

- Use the *CodeMeta* generator (<https://codemeta.github.io/codemeta-generator/>) or manually create a **codemeta.json** at the repo root
- Include key metadata: authors, license, repository URL, keywords, CI info

```
{
  "@context": "https://w3id.org/codemeta/3.0",
  "type": "SoftwareSourceCode",
  "author": [
    {
      "id": "https://orcid.org/0000-0001-1421-7641",
      "type": "Person",
      "affiliation": {
        "type": "Organization",
        "name": "CNRS - IFB"
      },
      "email": "thomas.denecker@france-bioinformatique.fr",
      "familyName": "Denecker",
      "givenName": "Thomas"
    },
    {
      "id": "https://orcid.org/0000-0002-1654-6652",
      "type": "Person",
      "affiliation": {
        "type": "Organization",
        "name": "CNRS - IFB"
      },
      "email": "imane.messak@france-bioinformatique.fr",
      "familyName": "Messak",
      "givenName": "Imane"
    },
    {
      "id": "https://orcid.org/0009-0002-1723-2732",
      "type": "Person",
      "affiliation": {
        "type": "Organization",
        "name": "CNRS - IFB"
      },
      "email": "baptiste.rousseau@france-bioinformatique.fr",
      "familyName": "Rousseau",
      "givenName": "Baptiste"
    }
  ],
  "codeRepository": "https://gitlab.com/anf-workflow-et-reproductibilite/improving-the-fairness-of-your-gitlab",
  "dateCreated": "2025-11-20",
  "datePublished": "2025-11-20",
  "description": "Repository for improving the FAIRness and reproducibility of a Gitlab projects.",
  "keywords": [
    "FAIR",
    "Reproducibility",
    "Gitlab",
    "Best Practices",
    "Open Science"
  ],
  "license": "https://spdx.org/licenses/BSD-3-Clause",
  "name": "Improving the FAIRness of your Gitlab",
  "operatingSystem": [
    "Linux",
    "Windows",
    "macOS"
  ],
  "programmingLanguage": "Python",
  "softwareRequirements": "https://gitlab.com/anf-workflow-et-reproductibilite/improving-the-fairness-of-your-gitlab/-/blob/main/pyproject.toml",
  "continuousIntegration": "https://gitlab.com/anf-workflow-et-reproductibilite/improving-the-fairness-of-your-gitlab/-/pipelines",
  "developmentStatus": "active",
  "isSourceCodeOnly": "Improving the FAIRness of your Gitlab projects",
  "issueTracker": "https://gitlab.com/anf-workflow-et-reproductibilite/improving-the-fairness-of-your-gitlab/-/issues"
}
```



A convention for commit messages using prefixes such as **feat:**, **fix:**, **docs:**, **chore:**, etc.

## Why it's useful ?

- Provides a structured commit history
- Enables automation (e.g., changelog generation, release versioning)

All you have to do is write your commits following the Conventional Commits

<https://www.conventionalcommits.org/en/v1.0.0/>

```
<type>[optional scope]: <description>
```

```
[optional body]
```

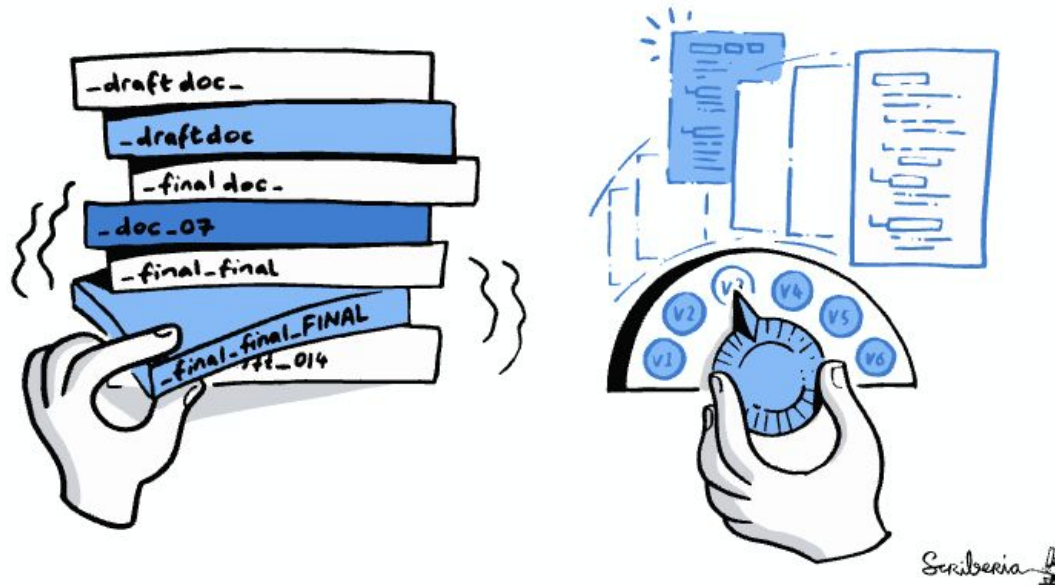
```
[optional footer(s)]
```

Example

```
feat: allow provided config object to extend other configs
```

Release

# TRACK PROJECT HISTORY



## Goal

Provide users with a version of your code that has been fixed in time and labeled.

All steps are detailed here

<https://docs.gitlab.com/user/project/releases/>



## Semantic of a release number

1.0.0

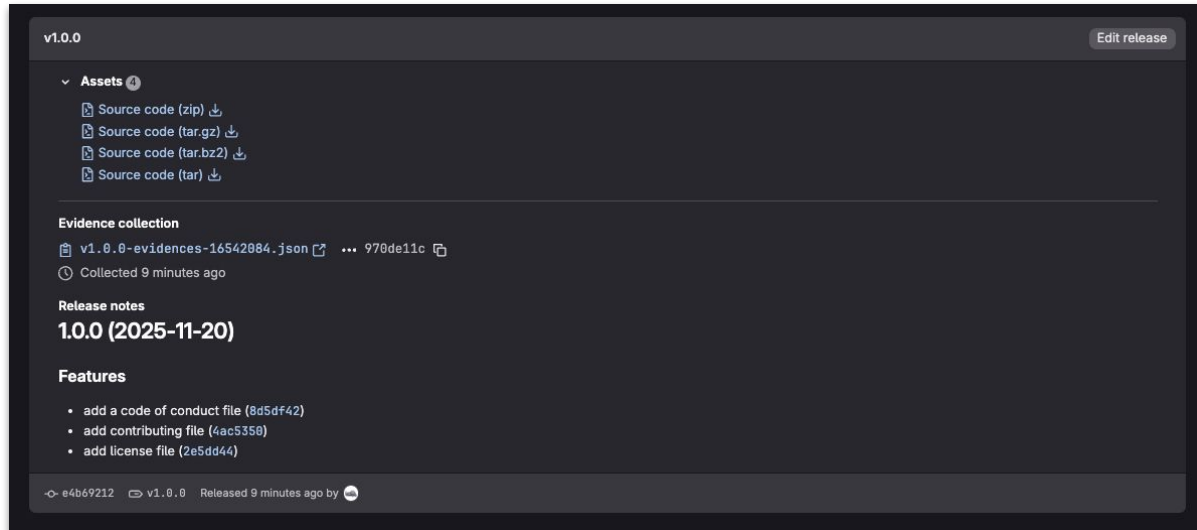
**MAJOR.MINOR.PATCH**

**MAJOR** : changes not backwards-compatible

**MINOR** : new/modified functionalities, backwards-compatible

**PATCH** : bug fixes, backwards-compatible More details : <https://semver.org/>





The screenshot shows a software release interface for version v1.0.0. At the top right is an "Edit release" button. Below the version number, there is a section for "Assets" with four download links for source code in different formats: zip, tar.gz, tar.bz2, and tar. A horizontal line separates this from the "Evidence collection" section, which lists a file named "v1.0.0-evidences-16542884.json" with a file icon and a hash "970de11c", and a timestamp "Collected 9 minutes ago". Below this is the "Release notes" section, which includes the version number "1.0.0 (2025-11-20)" and a "Features" list with three items: "add a code of conduct file (8d5df42)", "add contributing file (4ac5350)", and "add license file (2e5dd44)". At the bottom, a footer bar shows a commit hash "e4b69212", the version "v1.0.0", and the release time "Released 9 minutes ago by" followed by a user icon.

v1.0.0 [Edit release](#)

Assets 4

- Source code (zip) ↓
- Source code (tar.gz) ↓
- Source code (tar.bz2) ↓
- Source code (tar) ↓

Evidence collection

v1.0.0-evidences-16542884.json ... 970de11c

Collected 9 minutes ago

Release notes

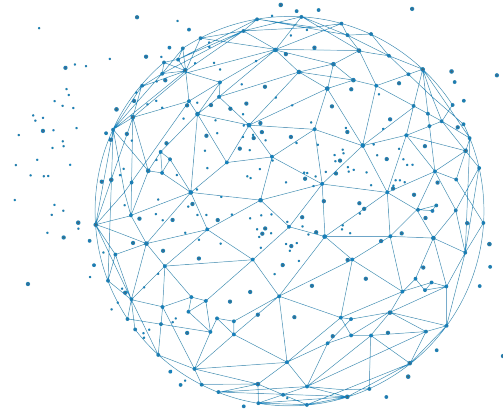
**1.0.0 (2025-11-20)**

Features

- add a code of conduct file (8d5df42)
- add contributing file (4ac5350)
- add license file (2e5dd44)

e4b69212 v1.0.0 Released 9 minutes ago by

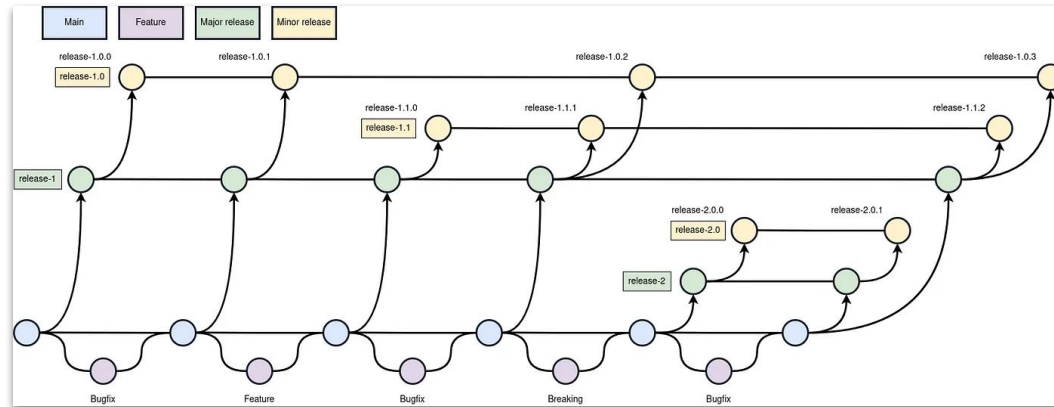
# Semantic-release





semantic-release automates the whole package release workflow, including determining the next version number, generating the release notes, and publishing the package.

Documentation available here: <https://semantic-release.gitbook.io/semantic-release>



Source: <https://medium.com/@gordon.messmer/semantic-releases-part-1-an-example-process-7b99d6b872ab>



## How to set it up in GitLab CI:

1. Use a `.gitlab-ci.yml` with a `release` job that runs `semantic-release` when on a release branch (e.g., `main`)
2. Provide a GitLab Token (`GL_TOKEN` or `GITLAB_TOKEN`) in CI so semantic-release can push tags and create releases
3. Use the `@semantic-release/gitlab` plugin to publish GitLab releases

```
release:
  stage: release
  image: node:20
  before_script:
    - npm ci
  script:
    - npm run semantic-release
  rules:
    - if: $CI_COMMIT_BRANCH == "main"
```

*Example of gitlab-ci.yml file*

- Commit messages structured like

```
fix: .. or feat: ... + Breaking changes
```

let semantic- release know whether to create a patch, minor or major release.

- This helps remove guesswork and ensure automated version bumping is consistent.

## Releases

**v1.0.0-dev.21** [Edit release](#)

Assets 4

[Source code \(zip\)](#) [Source code \(tar.gz\)](#) [Source code \(tar.bz2\)](#) [Source code \(tar\)](#)

Evidence collection

[v1.0.0-dev.21-evidences-7681182.json](#) 323e7949 [Collect 2 months ago](#)

1.0.0-dev.21 (2024-02-02)

Features

- add a slug property to node types and create NodeTypeCollection model ([1f687f2](#))
- create a history field to keep track of the last\_edited\_by and last\_edited\_time in Node objects ([1833a27](#))
- create fixtures for Node type ([bce1942](#))
- create node and node type models ([774c6d1](#))
- create node type serializer and endpoints ([dda3946](#))
- create the node serializers and endpoints ([392384e](#))

Bug Fixes

- bypass python 3.11 warning concerning system package break when using pip outside of venv ([c69d59f](#))

00be1885 v1.0.0-dev.21 Released 2 months ago by [@00be1885](#)

## Changelog file

### Changelog

All notable changes to this project will be documented in this file. See [Conventional Commits](#) for commit guidelines.

#### 1.0.0-dev.43 (2024-04-08)

##### Features

- Add all members of the parent node when creating a node ([068375f](#))

#### 1.0.0-dev.42 (2024-04-08)

##### Features

- Implement the serializer and endpoints for Workspace ([a35f17c](#))

#### 1.0.0-dev.41 (2024-04-08)

##### Features

- add workspace member model ([396a4c9](#))

#### 1.0.0-dev.40 (2024-04-08)

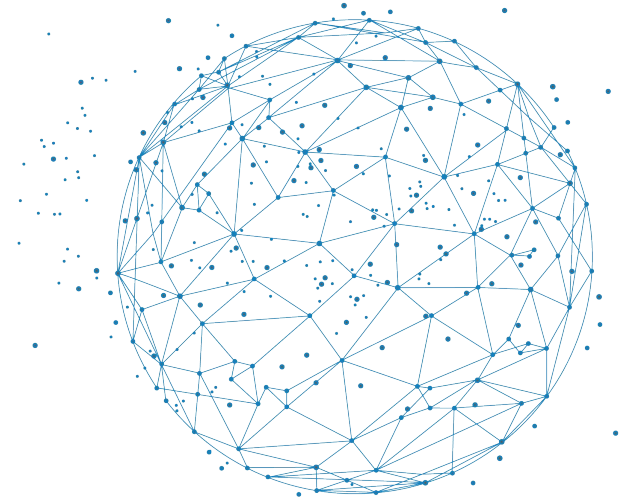
##### Features

- Add workspace model ([a2aa0f7](#))



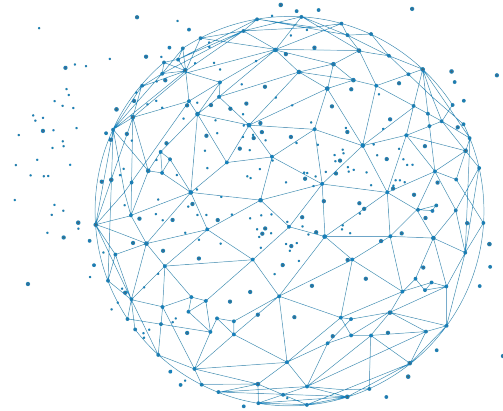
Thank you for your  
attention !

# Practice session

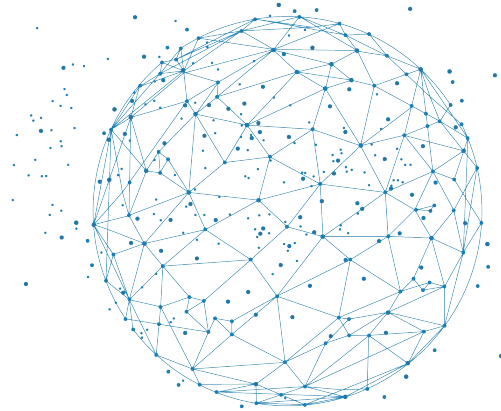




# Additional slides



# Releases, on GitHub

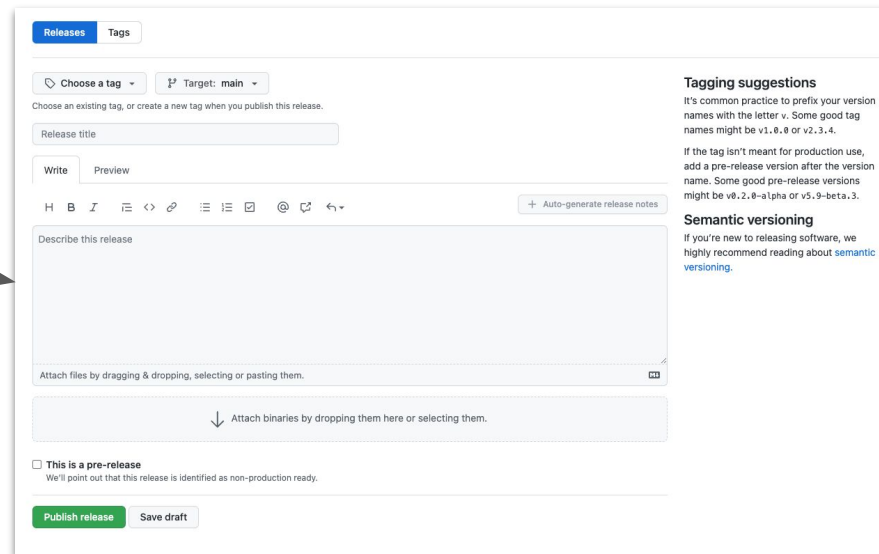
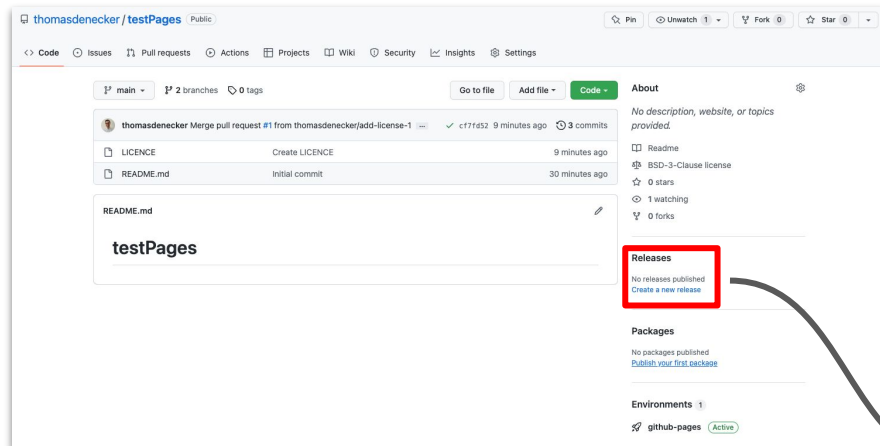


### Goal

provide users with a version of your code that has been fixed in time and labelled. All the steps are detailed here:

<https://help.github.com/en/articles/creating-releases>

## Make a release





## First release for test page

### First release

Compare

thomasdenecker released this now 1.0.0 cf7fd52

---

First release

---

▼ Assets 2

Source code (zip) 13 minutes ago

Source code (tar.gz) 13 minutes ago

## How to set it up in GitHub actions:

1. Use a GitHub Actions workflow file (e.g., `.github/workflows/ci.yml`)
2. The GITHUB\_TOKEN is automatically provided by GitHub Actions, so no manual token setup is required
3. Use the `@semantic-release/github` plugin to publish GitHub releases

```
name: CI/CD Pipeline

on:
  push:
    branches:
      - main
    tags:
      - 'v*'
  pull_request:
    branches:
      - main

jobs:
  release:
    name: Semantic Release
    runs-on: ubuntu-latest
    needs: docker-build
    if: github.ref == 'refs/heads/main' && github.event_name == 'push'
    permissions:
      contents: write
      issues: write
      pull-requests: write
    steps:
      - name: Checkout code
        uses: actions/checkout@v4
        with:
          fetch-depth: 0
          token: ${ secrets.GITHUB_TOKEN }}

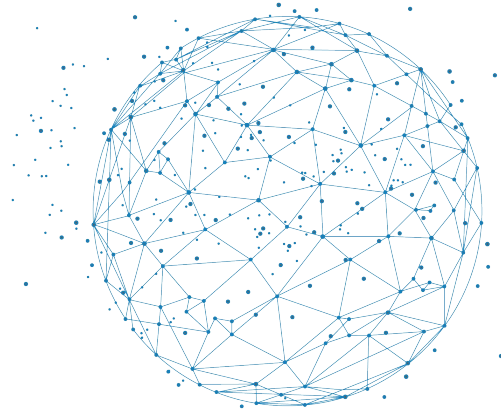
      - name: Setup Node.js
        uses: actions/setup-node@v4
        with:
          node-version: '20'
          cache: 'npm'

      - name: Install dependencies
        run: npm ci

      - name: Run semantic-release
        env:
          GITHUB_TOKEN: ${ secrets.GITHUB_TOKEN }}
        run: npx semantic-release --extends ./releaserc.github.json
```

Example of `.github/workflows/ci.yml` file

# Obtain a DOI





### Digital Object Identifier

Reference system to cite an object (A GitHub project in our case)



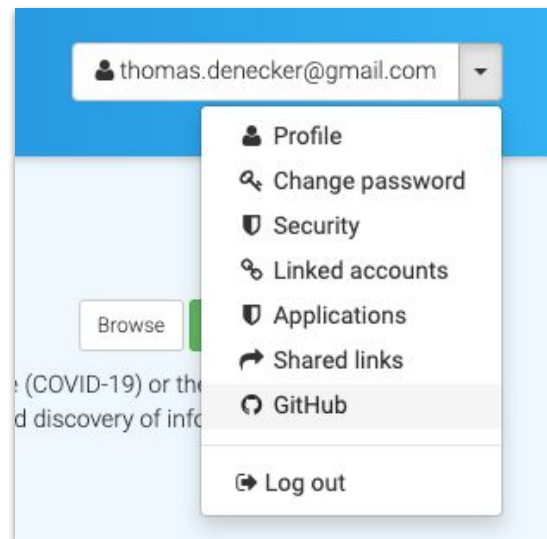
<https://docs.github.com/en/repositories/archiving-a-github-repository/referencing-and-citing-content>



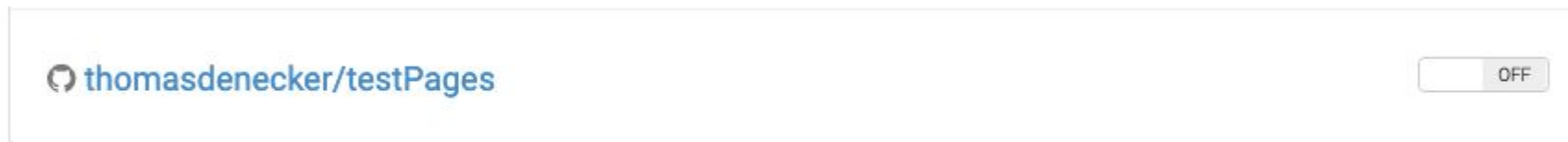
## 1. Sign in to Zenodo

- With your GitHub account
- With your ORCID account (add a "Linked account" to GitHub afterwards)

## 2. Go to the Settings page ! GitHub tab

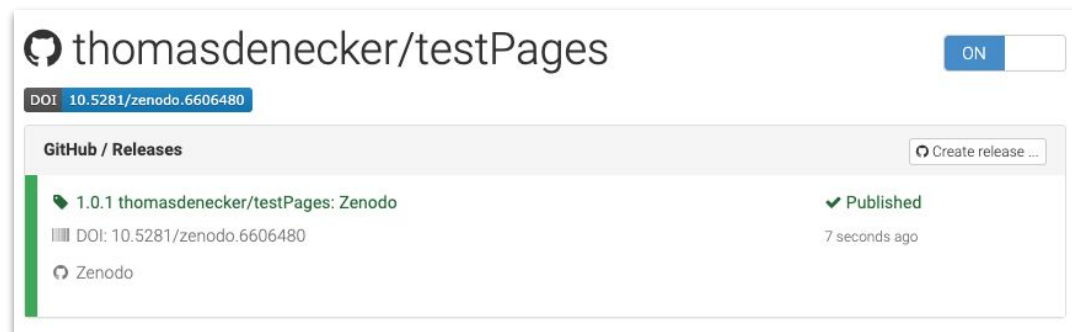


3. In the list below, find the project you want to link to Zenodo. Flip the switch.



4. Create a new release

5. Et voilà !





## You can add the doi badge in your README

### DOI Badge

This badge points to the latest released version of your repository. If you want a DOI badge for a specific release, please follow the DOI link for one of the specific releases and grab badge from the archived record.

#### Markdown

```
[! [DOI](https://zenodo.org/badge/499069909.svg)](https://zenodo.org/bad
```

#### reStructuredText

```
.. image:: https://zenodo.org/badge/499069909.svg
   :target: https://zenodo.org/badge/latestdoi/499069909
```

#### HTML

```
<a href="https://zenodo.org/badge/latestdoi/499069909"> <b>Bitbucket</b><br>2,861,844 origins  |  <b>git</b><br>56,983 origins          |  <b>git</b><br>33,515 origins        |
|  <b>R</b><br>29,433 origins             |  <b>debian</b><br>143,849 origins      |  <b>4</b><br>91,965 origins          |
|  <b>GitHub</b><br>278,117,567 origins   |  <b>gitiles</b><br>24,738 origins      |  <b>GitLab</b><br>5,839,728 origins  |
|  <b>git</b><br>3,867 origins            |  <b>Gogs</b><br>430 origins            |  <b>GO</b><br>2,065,035 origins      |
|  <b>Guix</b><br>63,133 origins          |  <b>GNU</b><br>354 origins             |  <b>heptapod</b><br>1,363 origins    |
|  <b>launchpad</b><br>657,631 origins    |  <b>Maven</b><br>425,519 origins       |  <b>NixOS</b><br>34,404 origins      |
|  <b>npm</b><br>4,008,896 origins        |  <b>box</b><br>4,988 origins           |  <b>Packagist</b><br>380,879 origins |
|  <b>fedora PAGURE</b><br>72,459 origins |  <b>Phabricator</b><br>199 origins     |  <b>pub.dev</b><br>65,249 origins    |
|  <b>python</b><br>639,635 origins       |  <b>SOURCEFORGE</b><br>382,323 origins |  <b>stagit</b><br>344 origins        |





# Obtain a permanent Identifiers (SWHIDs)

Permalinks

To reference or cite the objects present in the Software Heritage archive, permalinks based on SoftWare Hash Identifiers (SWHIDs) must be used.  
Select below a type of object currently browsed in order to display its associated SWHID and permalink.

 directory    revision    snapshot

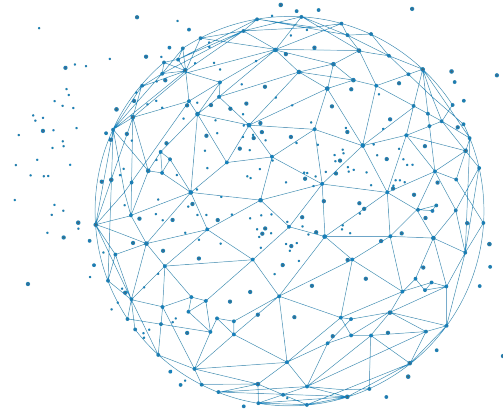
 archived    repository    archived   **swh:1:dir:7741ace76d41fbddea6c5bf217ce5b2912be9eef**   Iframe embedding

```
swh:1:dir:7741ace76d41fbddea6c5bf217ce5b2912be9eef;  
origin=https://github.com/IFB-ElixirFr/PIPprofileR;  
visit=swh:1:snp:0bf1f6acc0b0de672e805304ea0a43818fe00f8d;  
anchor=swh:1:rev:8390383044c427594c1d64e270244b783d25bf6d
```

☒ Add contextual information

 Copy identifier    Copy permalink

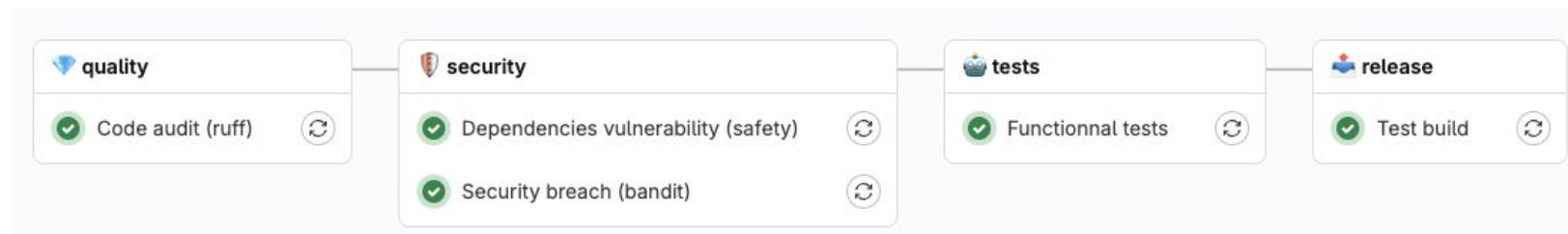
# Go further with Git\*...



CI/CD is a development practice that automates code integration, testing, and deployment.

- Continuous Integration (CI): Automatically tests and integrates code changes to detect issues early.
- Continuous Deployment (CD): Automatically deploys tested code to production or staging environments.

Both GitHub Actions and GitLab CI/CD provide built-in tools to set up pipelines, run tests, and deploy applications—helping teams release faster, more reliably, and with less manual work.



<https://docs.github.com/en/packages>

## hello-world-npm 1.0.2 Latest version

Install from the command line:

```
$ npm install @codertocat/hello-world-npm@1.0.2
```

<> Install via package.json:

```
"@codertocat/hello-world-npm": "1.0.2"
```

About this package

### hello-world-npm

This is a simple npm package that demonstrates the [GitHub Package Registry](#).

### Installation

Before installing, make sure to authenticate with GitHub Package Registry or using a `.npmrc` file. See ["Configuring npm for use with GitHub Package Registry"](#).

```
$ npm install @codertocat/hello-world-npm
```

Or add this package to your `package.json` file:

```
"dependencies": {  
  "@codertocat/hello-world-npm": "1.0.0"  
}
```

### Usage

```
const myPackage = require('@codertocat/hello-world-npm');  
myPackage.helloWorld();
```

#### Details

Codertocat

May 10, 2019

60b5a7e

1.0.2

#### Assets

hello-world-npm-1.0.2-npm.tgz

#### Download activity

|                 |     |
|-----------------|-----|
| Total downloads | 331 |
| Last 30 days    | 0   |
| Last week       | 0   |
| Today           | 0   |

#### Recent versions

|       |                |
|-------|----------------|
| 1.0.2 | on 10 May 2019 |
| 1.0.1 | on 10 May 2019 |
| 1.0.0 | on 10 May 2019 |

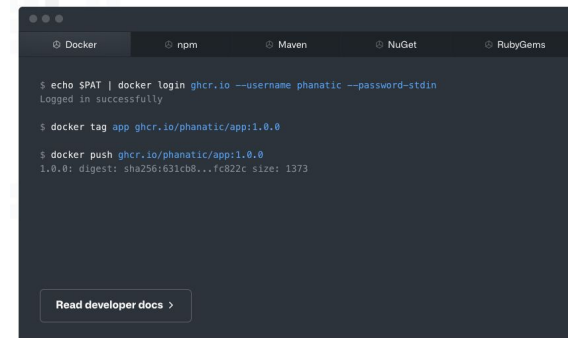
GitHub Packages

## Your packages, at home with their code

With GitHub Packages, you can safely publish and consume packages within your organization or with the entire world.

Get started >

See pricing



## Working with a GitHub Packages registry

Learn how to use a supported GitHub Packages registry.

### Working with the Container registry

You can store and manage Docker and OCI images in the Container registry.

### Working with the Docker registry

The Docker registry has now been replaced by the Container registry.

### Working with the RubyGems registry

You can configure RubyGems to publish a package to GitHub Packages and to use packages stored on GitHub Packages as dependencies in a Ruby project with Bundler.

### Working with the npm registry

You can configure npm to publish packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in an npm project.

### Working with the Apache Maven registry

You can configure Apache Maven to publish packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in a Java project.

### Working with the Gradle registry

You can configure Gradle to publish packages to the GitHub Packages Gradle registry and to use packages stored on GitHub Packages as dependencies in a Java project.

### Working with the NuGet registry

You can configure the dotnet command-line interface (CLI) to publish NuGet packages to GitHub Packages and to use packages stored on GitHub Packages as dependencies in a .NET project.

### Migrating to the Container registry from the Docker registry

GitHub will migrate Docker images previously stored in the Docker registry on GitHub to the Container registry.

## Packages (ie: python)

The screenshot shows the 'Package Registry' page for Python packages. It displays a list of 20 packages, with the first four visible: 'madbot-api' versions 1.0.0.dev43, 1.0.0.dev42, 1.0.0.dev41, and 1.0.0.dev40. Each entry includes a checkbox, the package name and version, the PyPI link, and the publication date. The interface includes a search bar, a filter dropdown set to 'Published', and a 'Delete selected' button.

## Container (ie: docker)

The screenshot shows the 'Container Registry' page. It indicates there is '1 Image repository' and that 'Cleanup is not scheduled.' Below this is a search bar and a filter dropdown set to 'Updated'. The 'madbot-api' repository is listed with '43 tags'. The interface also includes a 'CLI Commands' button and a settings icon.



## OctoArcade Invaders



Standup The Plan Roadmap + New view

**Not Started** 4 Sizing: 8

This work hasn't started yet

High 10 Work on this right away.

- OctoArcade #10: Integrate with Leaderboard Service [Need help](#)
- OctoArcade #183: Interviews with media outlets
- OctoArcade #45: Save score across levels

**Planning** 7/6 Sizing: 12

We're working through the details

- OctoArcade #42: Creative design update to aliens for variety
- OctoArcade #79: Alpha go-no-go meeting
- OctoArcade #12: Easter egg with high score unlocking a new paid level on map 8

**Building** 1 Sizing: 6

Ongoing development

- OctoArcade #19: Updates to alien, beam, and cannon sprites [Needs Design](#)
- OctoArcade #3: New start screen and multiplayer selection [Needs Design](#)

**Completed** 2 Sizing: 4

Shipped: 1

- OctoArcade #42: Engine prototype (physics, rendering)
- OctoArcade #48: Kernel updates

Medium 9 Work on this soon!

- OctoArcade #38: Updates to velocity of the ship and alien movements
- OctoArcade #112: Hero site animations
- OctoArcade #183: Nyancat flying easter egg
- OctoArcade #145: Choose your player animation
- OctoArcade #101: Alien noise renders [Needs Design](#)

## GitLab Community Edition

Overview Repository

Issues 10,000

List Boards Labels Service Desk

Milestones

Merge Requests 912

CI / CD

Snippets

Settings

Collapse sidebar

GitLab.org GitLab Community Edition Milestones Backlog

Open Milestone

Edit Promote Close milestone Delete

## Backlog

Issues that we want to do, but are not planned right now.

Issues 1475 Merge Requests 12 Participants 66 Labels 164

Unstarted issues (open and unassigned) 1,104

Navigation dot for project issue boards

#38088 Deliverable Discussion UX ready

backlog boards frontend

Reduce SQL timings of Projects:MergeRequestsController#show to a 99th percentile of less than 200 milliseconds

#37814 UX Deliverable Discussion UX ready

CR6-DB backlog backlog database

performance

Pipelines always visible regardless of visibility settings

#34708 CI/CD Deliverable UX backlog

Add RuboCop cop to disallow update\_column in batches on large tables

#34145 UX Deliverable UX backlog

Discussion GitLab bug-advise

Send ConvDev index data to GitLab with dynamic leader score

#33591 Deliverable Discussion backlog

API: Allow admins to search users by IP

Ongoing issues (open and assigned) 99

Newly created issue on a board can't set milestone

#40044 Deliverable Discussion backlog

Load issue page comments in chunks asynchronously

#36301 Deliverable Discussion UX ready

UX ready feature backlog backlog issues

performance

Performance for MR Page With Many Comments

#36258 Deliverable Discussion frontend

performance

Add some way to mock and spy on default ES modules

#30998 Deliverable Discussion backlog

Move pending project members to their own table

#30704 Deliverable UX backlog

UX ready backlog performance

UX ready backlog

Real-time emoji award updates

Completed issues (closed) 312

Projects:MergeRequestsController#show is slow due to SQL

#27166 UX Deliverable Discussion

UX ready backlog backlog merge request

Refactor often conflicting files to reduce potential CE->EE conflicts

#23864 Deliverable Edge beta

Standardize the settings page views

#22210 Deliverable UX backlog

Breadcrumb incorrect when creating new group label

#42309 Community Contribution Discussion

UX backlog backlog reproduced on GitLab.com

Copy/paste of bullet list adds newlines

#41793 Discussion bug backlog

Boards stay empty if filter it on a milestone that contains "+"

#41715 Discussion backlog bug backlog

21% complete

Start date No start date Edit

Due date No due date Edit

Issues 1475 New issue

Open: 1163 Closed: 312

Total issue weight 405

Total issue time spent No time spent

Merge requests 12 Merged: 1

Open: 4 Closed: 7

Reference: org/gitlab-ce

vueifyjs / vueify

Type  to search

>

+

⌂

🔍

📧

👤

<> Code

🔍 Issues 656

🔗 Pull requests 127

**💬 Discussions**

🔗 Actions

🔒 Security

📊 Insights

🔍

Sort by: Latest activity

Label

Filter: Open

New discussion

Categories

🗨️ View all discussions

# General

💡 Ideas

🗳️ Polls

🗣️ Q&A

⚡ Releases

👂 Show and tell

Most helpful Last 30 days

👤 KaelWD

👍 1

📖 Code of conduct

🌐 vueifyjs.com

Discussions

↑ 1

👤 Kugeleis

How to get the selected item of v-list in vueify3

Kugeleis asked on Jan 9, 2023 in Q&A · Answered

👤👤👤👍 3

↑ 1

🗨️

Open VBottomSheet from top

frederikheld asked 5 days ago in General · Unanswered

👤👍 0

↑ 2

👤 Romderful

Change border-color on outlined variant

Romderful asked last week in Q&A · Unanswered

👤👍 0

↑ 1

👤 douglass14b

[v3.4.9] v-data-iterator doesn't correctly type items

douglass14b asked on Feb 27 in Q&A · Unanswered

👤👍 2

↑ 1

🗨️

Hamburger menu missing when using vueify baseline wireframe or other wireframes

S: triage asked on May 6, 2023 in General · Unanswered

👤👍 1

↑ 1

👤 bzuidgeest

Need help changing page on v-data-table-server from "code" when page route changes

bzuidgeest asked 2 weeks ago in Q&A · Unanswered

👤👍 0

↑ 8

👤 drhouse82

Contextmenu-like behavior with v-menu

drhouse82 asked on Dec 10, 2022 in Q&A · Unanswered

👤👤👤👍 2

Réseau **MERIT**  
MetIER en  
bioinformatique

**IFB**  
INSTITUT FRANÇAIS DE  
BIOINFORMATIQUE

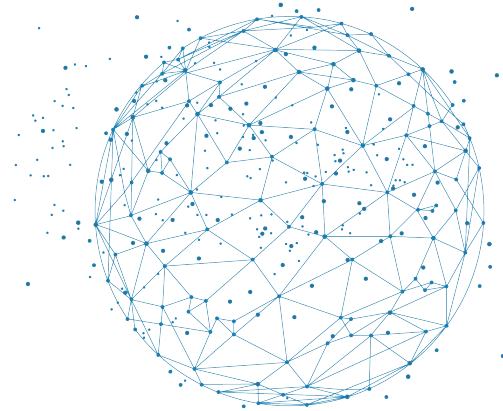
**cnrs**

**INRAE**

CC BY NC SA

47

# Showcase your work







## Why ?

- Your project is simpler to share and find

## Advantages

- Free hosting of static websites
- Able to convert Markdown into a website

## Documentations :

- <https://pages.github.com/>
- <https://docs.gitlab.com/user/project/pages/>



The screenshot shows the GitHub repository settings page for GitHub Pages. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The left sidebar lists various settings categories: General, Access, Collaborators, Moderation options, Code and automation, Branches, Tags, Actions, Webhooks, Environments, Pages, Security, Code security and analysis, Deploy keys, Secrets, Integrations, GitHub apps, and Email notifications. The main content area is titled 'GitHub Pages' and contains the following sections:

- General**: A description of GitHub Pages and a link to learn more.
- Source**: A section where the source for the GitHub Pages site is configured. It includes a dropdown menu set to 'None' and a 'Save' button.
- Theme Chooser**: A section where a theme can be selected for the GitHub Pages site.
- Publish privately to people with read access to this repository**: A section with a warning icon and text indicating that the site can be published privately for 30 days using a GitHub Enterprise organization.

<> Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Actions

Webhooks

Environments

**Pages**

Security

Code security and analysis

Deploy keys

Secrets

Integrations

GitHub apps

Email notifications

## GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

**Source**  
GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)

Branch: main

/ (root)

Save

**Theme Chooser**  
Select a theme to publish your site with a Jekyll theme using the gh-pages branch. [Learn more.](#)

Choose a theme



**Publish privately to people with read access to this repository**

Try risk-free for 30 days using a GitHub Enterprise organization, or [learn more about changing the visibility of your GitHub Pages site.](#)

<> Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

General

Access

Collaborators

Moderation options

Code and automation

Branches

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Webhooks

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Branch: main / (root) Save

**Theme Chooser**

Select a theme to publish your site with a Jekyll theme using the gh-pages branch. [Learn more.](#)

Choose a theme

Publish privately to people with read access to this repository  
Try risk-free for 30 days using a GitHub Enterprise organization, or [learn more about changing the visibility of your GitHub Pages site.](#)

← Cayman Slate MERLOT Time Machine MINIMAL Leap Day →

Hide thumbnails

Select theme

## Convert Markdown into HTML !

```
# Welcome !

**FAIR_Bioinfo** - [](https://zenodo.org/badge/latestdoi/164655551)

**Gitbook** - [](https://fair-bioinfo.gitbook.io/fair-bioinfo/)
[](https://github.com/thomasdenecker/FAIR_Bioinfo-Gitbook)
[](https://zenodo.org/badge/latestdoi/197582632)

**Docker image** - [](https://hub.docker.com/r/tdenecker/fair_bioinfo) [](https://microbadger.com/images/tdenecker/fair_bioinfo)

**Licence pour le code** - [](https://github.com/thomasdenecker/FAIR_Bioinfo/blob/master/LICENCE)

**Licence pour le GitBook** - [](https://github.com/thomasdenecker/FAIR_Bioinfo/blob/master/LICENCE)

[](https://github.com/thomasdenecker/FAIR_Bioinfo/blob/master/LICENCE)

**Bienvenue à FAIR_bioinfo**

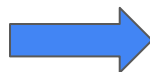
FAIR_Bioinfo est une formation initialement pensée pour la communauté francophone. En effet, les ressources sont nombreuses concernant la reproductibilité en anglais mais un manque se faisait sentir en français. Vous trouverez tout le contenu du cours présenté dans les différentes sessions (slides en français). Nous proposons aussi la version retranscrite de ces cours au format gitbook en anglais : https://fair-bioinfo.gitbook.io/fair-bioinfo/

**FAIR_Bioinfo is a training course initially designed for the French-speaking community. Indeed, there are many resources concerning reproducibility in English but there was a lack in French. You will find all the course content presented in the different sessions (slides in French). We also offer the transcribed version of these courses in gitbook format in English: https://fair-bioinfo.gitbook.io/fair-bioinfo/

**Informations pratiques**
- Quand ? : le dernier vendredi après midi de chaque mois (sauf juillet à définir), rdv 12h30
- Durée ? : 1h30 (questions incluses)
- Lieu ? : Salle de conférence A.Kalogeropoulos, b. 400, campus Orsay

**Objectifs**

L'objectif est de proposer et d'utiliser un panel d'outils permettant la réalisation d'un projet complet de bio-info en partant de rien et aboutissant à la création d'un conteneur (technologie Docker). Le partage, la valorisation et l'analyse dynamique des données seront inclus dans le panel.
FAIR correspond à l'acronyme anglais "Findable, Accessible, Interoperable, & Reusable", initialement défini pour les données mais que nous détournons ici pour leurs protocoles d'analyse.
Le projet support est une étude "d'expression différentielle de gènes" à partir de données RNAseq d'O.tauri.
```



### FAIR Bioinformatique

Communications lors du Club FAIR Bioinformatique de l'I2BC

[View on GitHub](#)[Download .zip](#)[Download .tar.gz](#)

### Welcome !

FAIR\_Bioinfo - [DOI 10.5281/zenodo.5105349](#)

Gitbook - [Gitbook FAIR Bioinfo](#) [GitHub FAIR Bioinfo Gitbook](#) [DOI 10.5281/zenodo.3624622](#)

Docker image - [Docker FAIR Bioinfo](#)

Licence pour le code - [LICENCE CeCILL 2.1](#)

Licence pour le GitBook - 

### Bienvenue à FAIR\_bioinfo

FAIR\_Bioinfo est une formation initialement pensée pour la communauté francophone. En effet, les ressources sont nombreuses concernant la reproductibilité en anglais mais un manque se faisait sentir en français. Vous trouverez tout le contenu du cours présenté dans les différentes sessions (slides en français). Nous proposons aussi la version retranscrite de ces cours au format gitbook en anglais : <https://fair-bioinfo.gitbook.io/fair-bioinfo/>

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Also works directly from HTML

1. Create a folder named "docs" main file must be named index.html
2. "Settings" → "Options" → "GitHub Pages"

Example :

<https://ifb-elixirfr.github.io/Wasm4Learn/>

