

# Outils de versionning

ESGI - 3ème année IW 2020

# Git et son écosystème

# Pourquoi ?

Ce qui manque à git pour mener un projet:

- La gestion de l'authentification/autorisation des utilisateurs
- La gestion de projet: issues, tracker, kanban etc
- Les outils d'intégrations: CI/CD...

# Github

Git et son écosystème

# Github

- Version gratuite pour les projets open-source, dépôts publiques
- Version self-hosted pour entreprise, très coûteuse
- Permet de parcourir, découvrir et suivre les projets
- Discussion sous forme d'issues pouvant être résolues et commentées
- Kanban intégré, appelé Github Project
- CI/CD avec Github Actions depuis fin 2019
- Protection des branches, authentification, droits des contributeurs r/w



Title

Write

Preview

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Leave a comment

Attach files by dragging &amp; dropping, selecting or pasting them.



Styling with Markdown is supported

Submit new issue

 Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

## Assignees



No one—assign yourself

## Labels



None yet

## Projects



None yet

## Milestone



No milestone

## Linked pull requests

Successfully merging a pull request may close this issue.

None yet

## Helpful resources

[GitHub Community Guidelines](#)

[Code](#)[Issues](#) 13[Pull requests](#)[Actions](#)[Projects](#) 1[Security](#)[Insights](#) **board**

Updated on Aug 5

[+ Add cards](#)[Fullscreen](#)[Menu](#)2 **blocked** + ...! **2 - Observer (données)** ...

#7 opened by Annsy-C

[help wanted](#) wontfix! **7 - Contact** ...

#12 opened by Annsy-C

[enhancement](#) [help wanted](#) 1 **In progress** + ...! **Footer** ...

#4 opened by Annsy-C

[help wanted](#) Automated as [In progress](#)[Manage](#)9 **Done** + ...! **Finalisation du style** ...

#13 opened by Annsy-C

[enhancement](#) ! **3 - Découvrir** ...

#8 opened by Annsy-C

[enhancement](#) ! **Header** ...

#3 opened by Annsy-C

[enhancement](#) ! **1 - Accueil** ...

#5 opened by Annsy-C

[enhancement](#) Automated as [Done](#)[Manage](#)

&lt;&gt; Edit new file

Preview

Spaces

2

No wrap

```
1  name: Go
2
3  on:
4    push:
5      branches: [ master ]
6    pull_request:
7      branches: [ master ]
8
9  jobs:
10
11    build:
12      name: Build
13      runs-on: ubuntu-latest
14      steps:
15
16        - name: Set up Go 1.x
17          uses: actions/setup-go@v2
18          with:
19            go-version: ^1.13
20            id: go
21
22        - name: Check out code into the Go module directory
23          uses: actions/checkout@v2
24
25        - name: Get dependencies
26          run: |
27            go get -v -t -d ./...
28            if [ -f Gopkg.toml ]; then
29              curl https://raw.githubusercontent.com/golang/dep/master/install.sh | sh
30              dep ensure
31            fi
32
```



# Gitlab

Git et son écosystème

# Gitlab

- Version gratuite pour dépôts publiques et privés
- Versions self-hosted gratuites et payantes
- Plus accès entreprise que github
- Discussion sous forme d'issues pouvant être résolues et commentées
- Kanban intégré appelé Board
- CI/CD intégré
- Protection des branches, authentification, droits des contributeurs par rôle

## New Issue

Title

Add [description templates](#) to help your contributors communicate effectively. **Please fill out this field.**

Type

Issue

Description

**Write** Preview

**B** *I* “ ” </>      

Write a comment or drag your files here...

[Markdown](#) and [quick actions](#) are supported

 [Attach a file](#)

☐ This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee

Unassigned

[Assign to me](#)

Due date

Select due date

Milestone

Milestone

Labels

Labels

Submit issue

Cancel

Development ▾

Search or filter results...

Show labels



Edit board

Add list

Add issues



> Open

0



### Welcome to your Issue Board!

Add the following default lists to your Issue Board with one click:



To Do



Doing

Starting out with the default set of lists will get you right on the way to making the most of your board.

Add default lists

Nevermind, I'll use my own

### Improve Issue boards



Upgrade your plan to improve Issue boards.

- [Scoped issue boards](#)

Contact owner [Martineau](#) to upgrade the plan.

Thanks! Don't show me this again

> Closed

0

# Gitlab CI

- Fichier `.gitlab-ci.yml`
- Diviser en stages (ex: build, test, deploy)
- Déclenchements automatiques ou manuels