

# Familiarisation avec GitHub

## Gestion d'un projet de groupe

```
Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet
en ligne (sur GitHub)/TP Java
$ git clone git@github.com:antPinot/open-food-facts-git.git
Cloning into 'open-food-facts-git'...
remote: Enumerating objects: 100, done.
remote: Counting objects: 100% (100/100), done.
remote: Compressing objects: 100% (81/81), done.
remote: Total 100 (delta 28), reused 78 (delta 12), pack-reused 0
Receiving objects: 100% (100/100), 751.31 KiB | 1.17 MiB/s, done.
Resolving deltas: 100% (28/28), done.

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en ligne (sur GitHub)/TP Java
$ |
```

On commence par clone en local le squelette créé au préalable

```
Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet
en ligne (sur GitHub)/TP Java/open-food-facts-git (main)
$ git branch
* main

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ood-facts-git (main)
$ git checkout -b GunvalStock
Switched to a new branch 'GunvalStock'

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ood-facts-git (GunvalStock)
$ git status
On branch GunvalStock
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    src/main/java/yuka/tutu.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    src/main/java/yuka/Stockk.java

no changes added to commit (use "git add" and/or "git commit -a")

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ood-facts-git (GunvalStock)
```

Ensuite, après les modifications apportées au projet, on crée une nouvelle branch, on vérifie que l'on s'y trouve.

```
Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet en ligne (sur GitHub)/TP Java/open-f
ood-facts-git (GunvalStock)
$ git add .

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ood-facts-git (GunvalStock)
$ git commit -m "ajout de Stockk.java"
[GunvalStock 5de1cd] ajout de Stockk.java
2 files changed, 137 insertions(+)
create mode 100644 src/main/java/yuka/Stockk.java
delete mode 100644 src/main/java/yuka/tutu.txt

Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet en ligne (sur GitHub)/TP Java/open-f
ood-facts-git (GunvalStock)
$ git push
fatal: The current branch GunvalStock has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin GunvalStock

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetUpRemote' in 'git help config'.

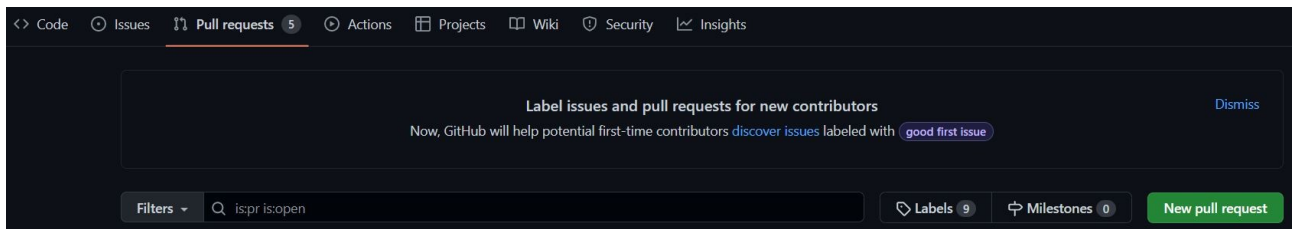
Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet en ligne (sur GitHub)/TP Java/open-f
ood-facts-git (GunvalStock)
$ ^C

Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet en ligne (sur GitHub)/TP Java/open-f
ood-facts-git (GunvalStock)
$ git push --set-upstream origin GunvalStock
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 1.66 KiB | 425.00 KiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'GunvalStock' on GitHub by visiting:
remote:   https://github.com/antPinot/open-food-facts-git/pull/new/GunvalStock
remote:
To github.com:antPinot/open-food-facts-git.git
 * [new branch]      GunvalStock -> GunvalStock
branch 'GunvalStock' set up to track 'origin/GunvalStock'.

Goré Gunval@WinterSwords MINGW64 ~/3D Objects/moi/Programmation/Diginamic/Projet en ligne (sur GitHub)/TP Java/open-f
ood-facts-git (GunvalStock)
$ |
```

Puis, on push sur le serveur distant

Une fois la branch mis à jour sur GitHub, on utilise la requête "New pull request"



Enfin, on paramètre les deux branch à merge et on ajoute un commentaire

