

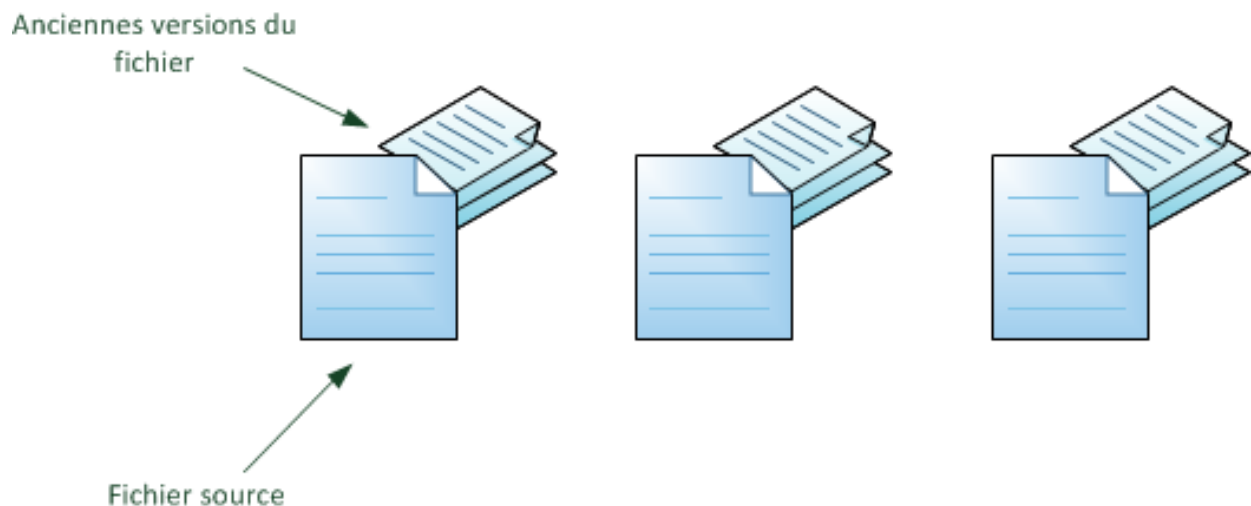
# Git et GitHub

## I. Git :

Outil de versionning/logiciel de gestion de versions : utilisés principalement par les développeurs pour suivre le développement d'un projet (l'historique des modifications).

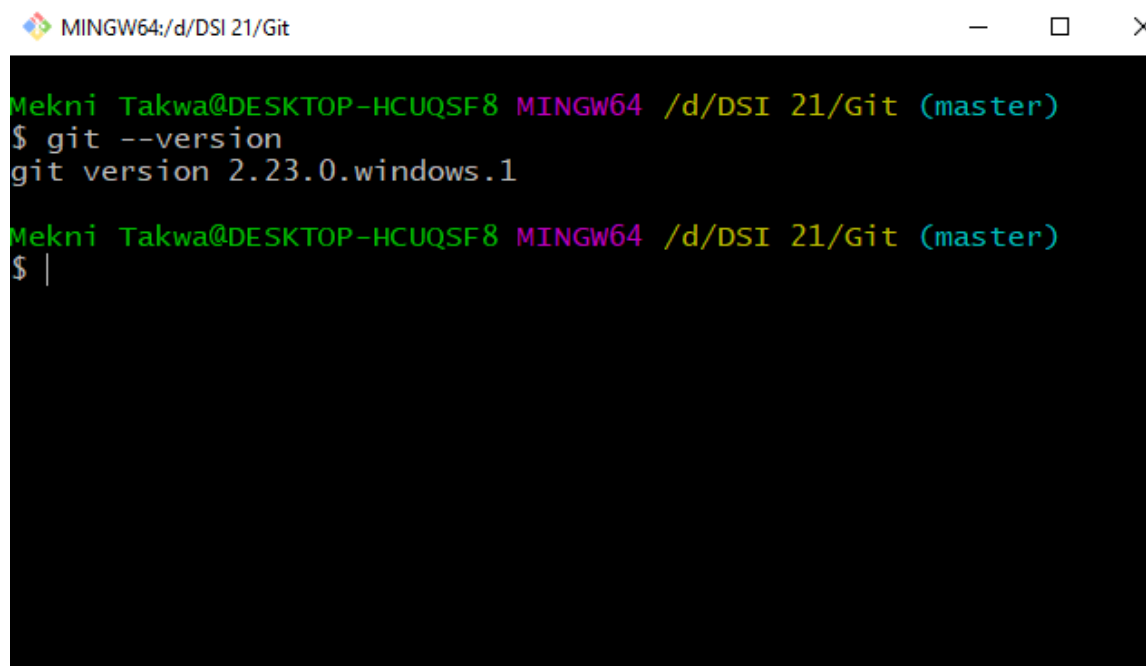
Indispensable lorsqu'on travaille en équipe sur un même projet et (sur le même code source).

Sert à suivre l'évolution des fichiers source et de garder les anciennes versions de chacun d'eux (outils de backup).



## II. Installation de Git :

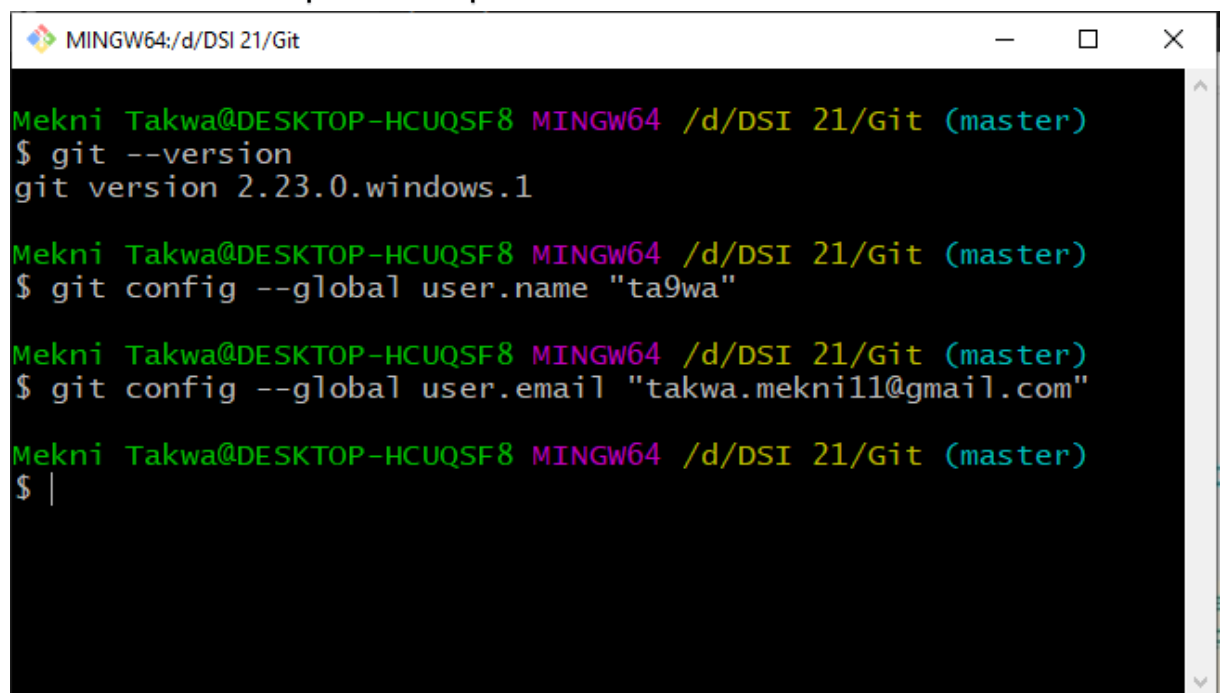
<https://git-scm.com/downloads>



A terminal window titled 'MINGW64:/d/DSI 21/Git' with standard window controls. The prompt is 'Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)'. The user enters '\$ git --version', and the output is 'git version 2.23.0.windows.1'. The prompt returns to '\$ |'.

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git --version
git version 2.23.0.windows.1
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

S'identifier avec le nom d'utilisateur et email utilisés lors de la création d'un compte sur la plateforme GitHub :



A terminal window titled 'MINGW64:/d/DSI 21/Git' with standard window controls. The prompt is 'Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)'. The user enters '\$ git --version', and the output is 'git version 2.23.0.windows.1'. The prompt returns to '\$ |'. The user then enters '\$ git config --global user.name "ta9wa"', and the prompt returns to '\$ |'. The user then enters '\$ git config --global user.email "takwa.mekni11@gmail.com"', and the prompt returns to '\$ |'.

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git --version
git version 2.23.0.windows.1
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git config --global user.name "ta9wa"
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git config --global user.email "takwa.mekni11@gmail.com"
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

Initialiser mon projet avec la commande « git init » :

```

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git init
Initialized empty Git repository in D:/DSI 21/Git/.git/

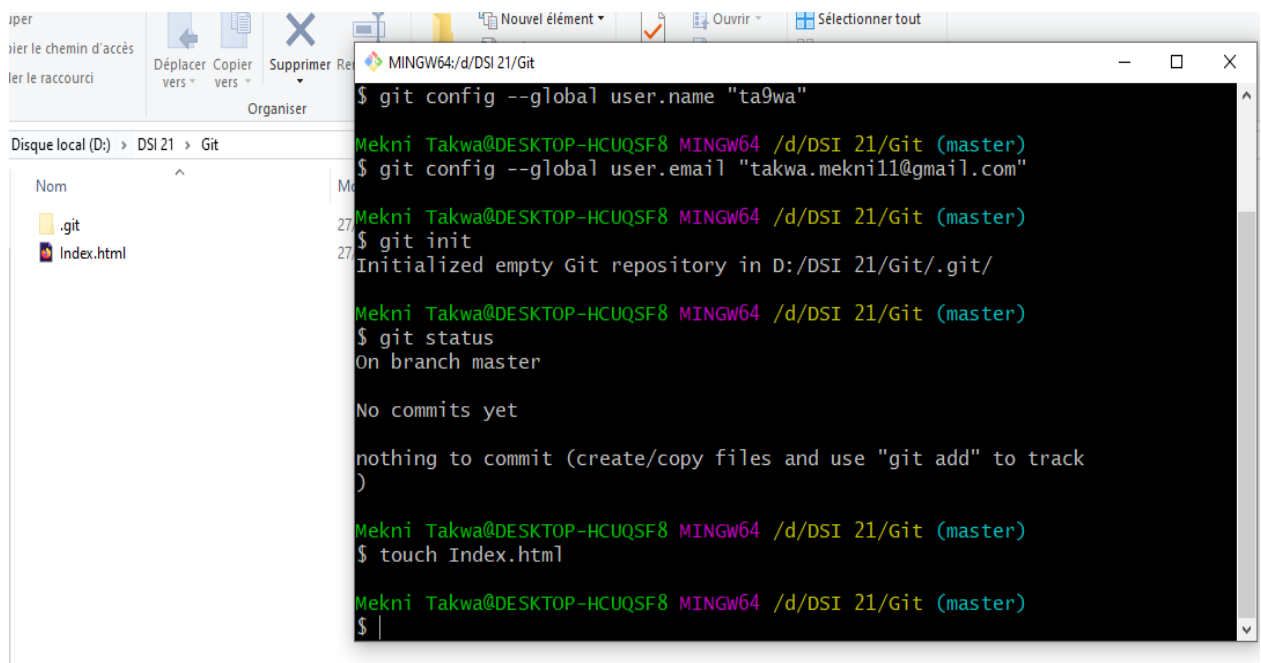
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track
)

```

Créer un fichier :



Ajouter mon fichier à la liste des fichiers à sauvegarder :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git add Index.html
```

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git commit -m "Debut de projet "
[master (root-commit) d6e85f1] Debut de projet
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Index.html
```

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

Enregistrer les modifications en donnant une note :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git add Index.html
```

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git commit -m "ajout d'un tableau"
[master d5e2430] ajout d'un tableau
1 file changed, 21 insertions(+)
```

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

Afficher l'historique des modifications en ordre chronologique :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git log
commit d5e2430c4eee8f3d79bb4e45be127c9e457f1460 (HEAD -> master)
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:39:48 2019 +0100
```

ajout d'un tableau

```
commit d6e85f17a7c88bd54c0c7c5887b41b0337b5e41a
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:36:35 2019 +0100
```

Debut de projet

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

Créer une branche parallèle pour gérer les modifications sans toucher la branche principale (master) :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git branch bootstrap

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git branch
  bootstrap
* master

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

Changer la branche :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git checkout bootstrap
Switched to branch 'bootstrap'

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ git branch
* bootstrap
  master

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ |
```

Enregistrer les changements appliqués sur la branche courante :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ git add Index.html

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ git commit -m "ajout du propriétés bootstrap"
[bootstrap 1816ae6] ajout du propriétés bootstrap
1 file changed, 20 insertions(+), 7 deletions(-)

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ |
```

Réafficher l'historique des modifications :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ git log
commit 1816ae6a29b1ad310fd707b8df8174719454f95a (HEAD -> bootstrap)
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:57:09 2019 +0100

    ajout du propriétés bootstrap

commit d5e2430c4eee8f3d79bb4e45be127c9e457f1460 (master)
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:39:48 2019 +0100

    ajout d'un tableau

commit d6e85f17a7c88bd54c0c7c5887b41b0337b5e41a
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:36:35 2019 +0100

    Debut de projet

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ |
```

Valider les dernières modifications sur la branche principale  
(master)/fusionnement :

```

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (bootstrap)
$ git checkout master
Switched to branch 'master'

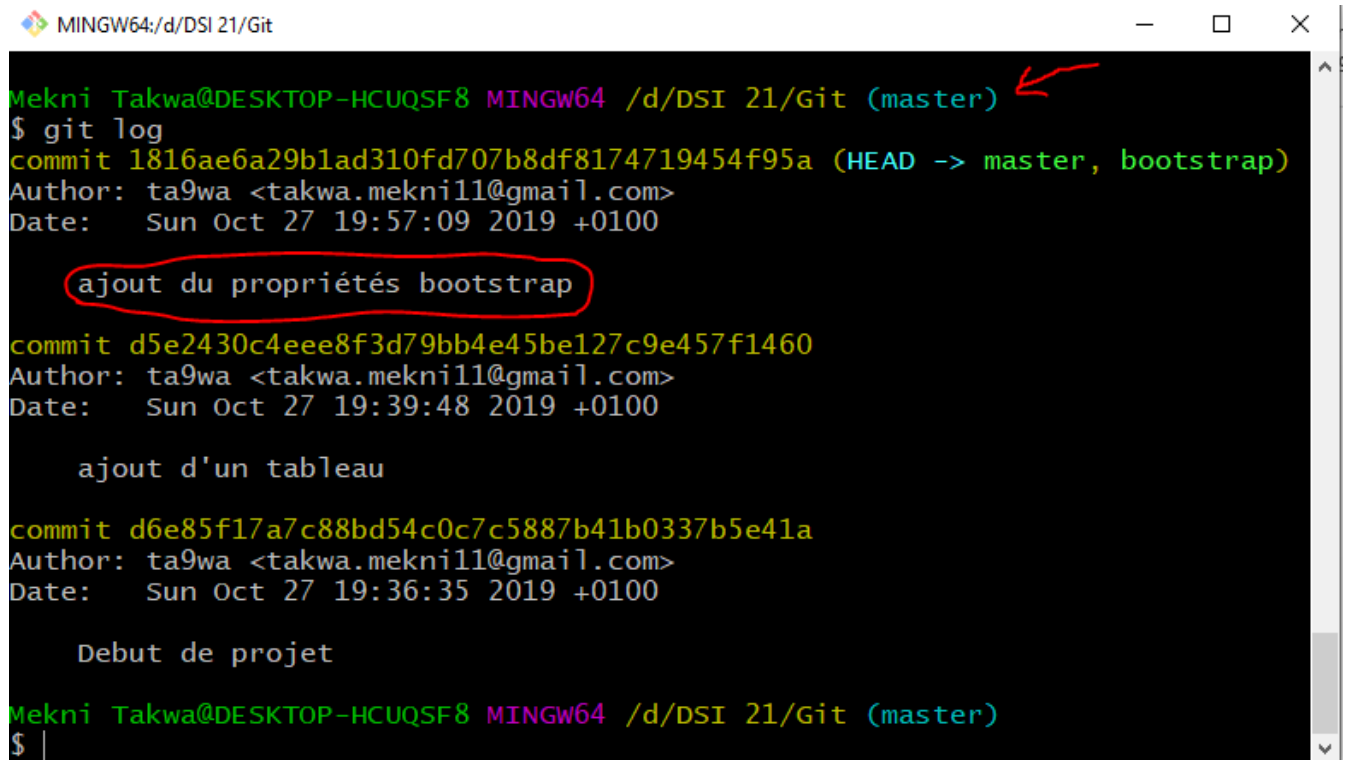
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git branch
  bootstrap
* master

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git merge bootstrap
Updating d5e2430..1816ae6
Fast-forward
 Index.html | 27 ++++++++++++++++++++++-----
 1 file changed, 20 insertions(+), 7 deletions(-)

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |

```

Vérifier la fusion en consultant l'historique des modifications de la branche « master » :



```

MINGW64:/d/DSI 21/Git
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git log
commit 1816ae6a29b1ad310fd707b8df8174719454f95a (HEAD -> master, bootstrap)
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:57:09 2019 +0100

    ajout du propriétés bootstrap

commit d5e2430c4eee8f3d79bb4e45be127c9e457f1460
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:39:48 2019 +0100

    ajout d'un tableau

commit d6e85f17a7c88bd54c0c7c5887b41b0337b5e41a
Author: ta9wa <takwa.mekni11@gmail.com>
Date: Sun Oct 27 19:36:35 2019 +0100

    Debut de projet

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |

```

Suppression de la branche parallèle :

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git branch -d bootstrap
Deleted branch bootstrap (was 1816ae6).

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git branch
* master

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ |
```

### III. GitHub :

Github est la plateforme Web qui nous donne la permission de créer un dépôt distant et le partager pour être accessible par d'autres personnes.

Il faut avoir un compte sur cette plateforme.

Les étapes pour déposer un projet sur Github :



## Création d'un nouveau dépôt (Repository)

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner

 Ta9wa ▼

Repository name \*

/ UnPremierExemple ✓

Great repository names are short and memorable. Need inspiration? How about [redesigned-octo-pancake?](#)

Description (optional)



**Public**

Anyone can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☐ **Initialize this repository with a README**



This will let you immediately clone the repository to your computer.

Add .gitignore: **None** ▼

Add a license: **None** ▼



### Quick setup — if you've done this kind of thing before

 Set up in Desktop or **HTTPS** **SSH** <https://github.com/Ta9wa/UnPremierExemple.git> 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

### ...or create a new repository on the command line

```
echo "# UnPremierExemple" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/Ta9wa/UnPremierExemple.git
git push -u origin master
```

### ...or push an existing repository from the command line

```
git remote add origin https://github.com/Ta9wa/UnPremierExemple.git
git push -u origin master
```

### ...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

OR TRY THE GIT GUI WITH THE GIT GUI TOOL

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git remote add origin https://github.com/Ta9wa/UnPremierExemple.git
```

```
Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git remote
origin
```

```
MINGW64:/d/DSI 21/Git
fatal: unable to access 'https://github.com/Ta9wa/UnPremierExemple.git/': Could not resolve host: github.com

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git config --global --unset http.proxy

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git config --global --unset https.proxy

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 1.17 KiB | 199.00 KiB/s, done.
Total 9 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Ta9wa/UnPremierExemple.git
 * [new branch]      master -> master

Mekni Takwa@DESKTOP-HCUQSF8 MINGW64 /d/DSI 21/Git (master)
$
```

Après avoir actualiser la page :

Ta9wa / UnPremierExemple

Unwatch

1

Star

0

Fork

0

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Security

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

3 commits

1 branch

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

Ta9wa ajout du propriétés bootstrap

Latest commit 1816ae6 32 minutes ago

Index.html

ajout du propriétés bootstrap

32 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README