

Marche a suivre git:

dans un terminal Power shell(pour cmd linux) :

se diriger avec cd et ls dans un dossier :

```
Windows PowerShell
PS G:\> cd .\working\GitEx\
PS G:\working\GitEx> |
```

télécharger le Repo à l'aide de l'url :

```
PS G:\working\GitEx> git clone https://github.com/Sweedy3960/troll
Cloning into 'troll'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
PS G:\working\GitEx> |
```

A tipic day :

Dans un terminal à l'origine de la version local du repo :
Vérifier la dernière version :

Hash du commit, Les 7
première caleurs compte
pour nous

```
Windows PowerShell
PS G:\working\GitEx\troll> git log
commit 5f9d186d429051c1ad43fe74ff6fc3606bc9ba0c (HEAD -> main, origin/main, origin/HEAD)
Author: Sweedy3960 <89172461+Sweedy3960@users.noreply.github.com>
Date: Fri Mar 18 09:19:07 2022 +0100

    crester

    ya
PS G:\working\GitEx\troll> |
```

et faire un pull :

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Tous
Testez le nouveau système multiplateforme

PS G:\working\GitEx\troll> git pull
Already up to date.
PS G:\working\GitEx\troll> |
```

Crée une branche local avec la dernière version :
(copier = ctrl+c, coller = clic droit)

```
Windows PowerShell
PS G:\working\GitEx\troll> git log
commit 5f9d186d429051c1ad43fe74ff6fc3606bc9ba0c (HEAD -> main, origin/main, origin/HEAD)
Author: Sweedy3960 <89172461+Sweedy3960@users.noreply.github.com>
Date:   Fri Mar 18 09:19:07 2022 +0100

    crester

    ya
PS G:\working\GitEx\troll> git branch local 5f9d186|
```

pour vérifier git status :

```
Windows PowerShell
PS G:\working\GitEx\troll> git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS G:\working\GitEx\troll> |
```

Pour changer de branch :

```
Windows PowerShell
PS G:\working\GitEx\troll> git checkout local
Switched to branch 'local'
PS G:\working\GitEx\troll> |
```

Travailler En faisant des commits.

```
Windows PowerShell
PS G:\working\GitEx\troll> git status
On branch local
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Nouveau document texte.txt

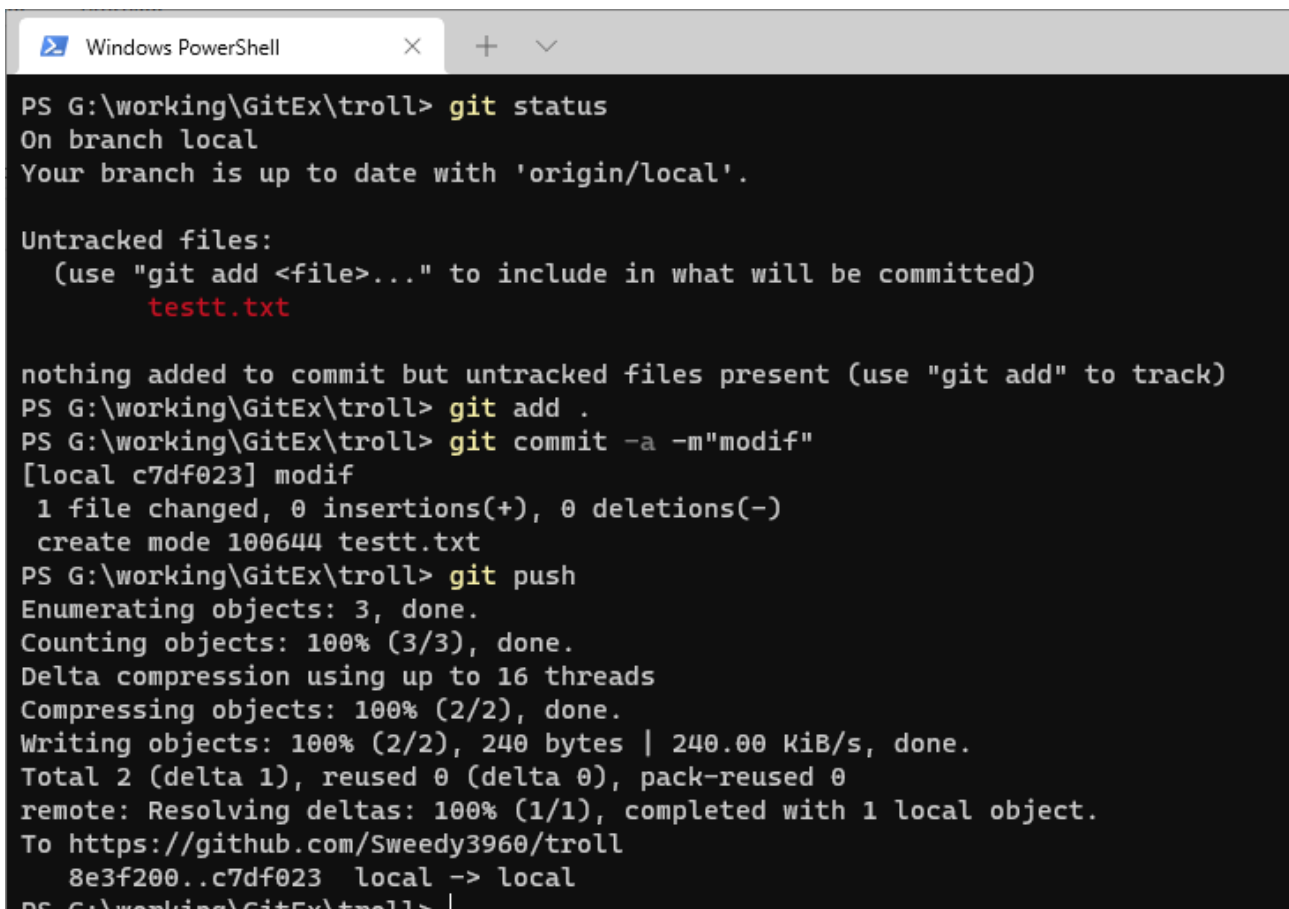
nothing added to commit but untracked files present (use "git add" to track)
PS G:\working\GitEx\troll> git add .
PS G:\working\GitEx\troll> git commit -a -m"changement"
[local 8e3f200] changement
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Nouveau document texte.txt
PS G:\working\GitEx\troll> |
```

Pour sauvegarder l'avancement ne pas oublier de push la branche (push branche 1 seule fois)local :

```
PS G:\working\GitEx\troll> git push --set-upstream origin local
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 299 bytes | 299.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'local' on GitHub by visiting:
remote:   https://github.com/Sweedy3960/troll/pull/new/local
remote:
To https://github.com/Sweedy3960/troll
 * [new branch]      local -> local
Branch 'local' set up to track remote branch 'local' from 'origin'.
PS G:\working\GitEx\troll> |
```

et chaque commit :

le push n'est pas obligatoire a ce stade, nécessaire pour controle de version de la branche.

A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with a close button and window controls. The terminal output shows the user running 'git status', which reports they are on the 'local' branch and it is up to date with 'origin/local'. It lists an untracked file 'testt.txt'. The user then runs 'git add .' and 'git commit -a -m"modif"', which creates a new commit. Finally, the user runs 'git push', which pushes the commit to the remote repository and sets up the local branch to track the remote branch.

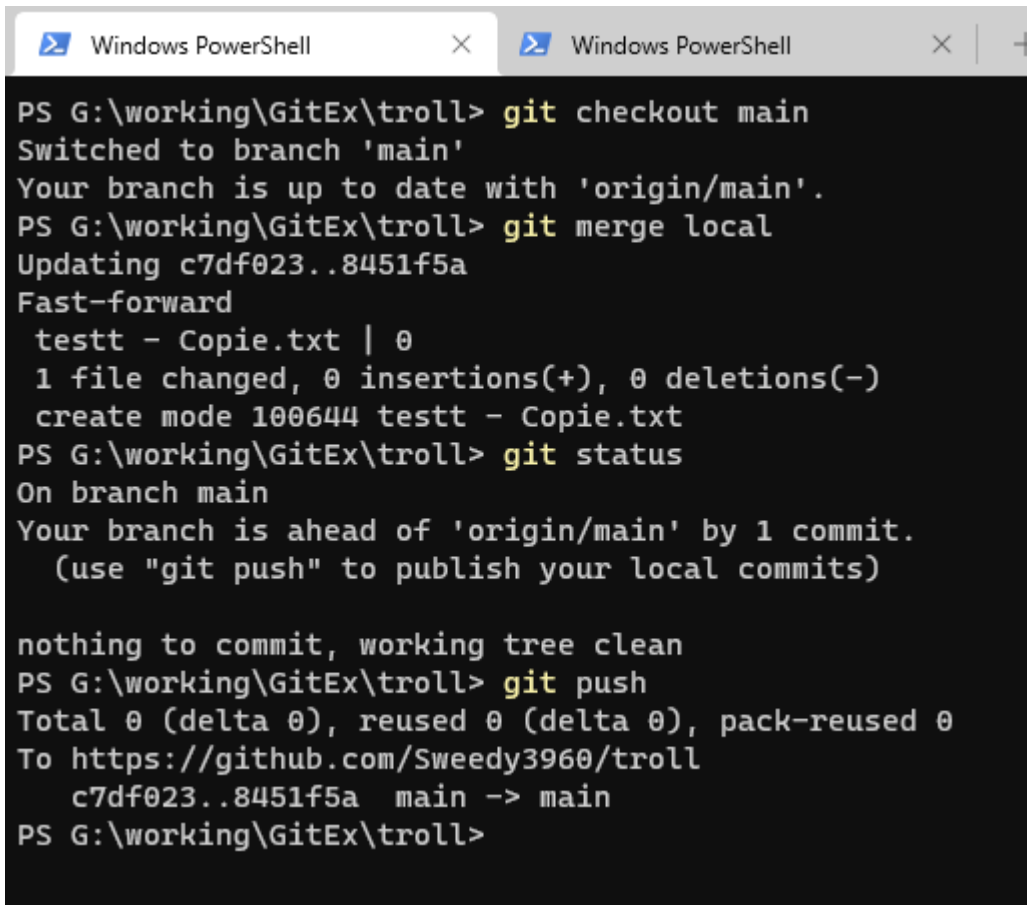
```
PS G:\working\GitEx\troll> git status
On branch local
Your branch is up to date with 'origin/local'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
       testt.txt

nothing added to commit but untracked files present (use "git add" to track)
PS G:\working\GitEx\troll> git add .
PS G:\working\GitEx\troll> git commit -a -m"modif"
[local c7df023] modif
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 testt.txt
PS G:\working\GitEx\troll> git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 240 bytes | 240.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Sweedy3960/troll
   8e3f200..c7df023  local -> local
PS G:\working\GitEx\troll> |
```

Fin de journée :

Si le travail est terminé retourner sur la branche main et «merge» avec la locale :

A screenshot of a Windows PowerShell terminal window with two tabs. The active tab shows the following commands and output:

```
PS G:\working\GitEx\troll> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS G:\working\GitEx\troll> git merge local
Updating c7df023..8451f5a
Fast-forward
 testt - Copie.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 testt - Copie.txt
PS G:\working\GitEx\troll> git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
PS G:\working\GitEx\troll> git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sweedy3960/troll
 c7df023..8451f5a  main -> main
PS G:\working\GitEx\troll>
```

Pas obligé, plus simple de merge par le site car contrôle en plus, mais il est nécessaire d'avoir push la branche local aussi pour merge depuis le site.