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Slam**

TP GIT

Question 2.1. Initialisons un nouveau dépôt Git dans un répertoire sandwich, et créons le fichier burger.txt qui contient la liste des ingrédients par ligne.

```
Desktop/
Documents/
Downloads/
Favorites/
Links/
Local Settings\@
Menu Démarrer\@
Mes documents\@
Modèles\@
Music/
NTUSER.DAT
NTUSER.DAT{1c50fab-5424-11ee-9f00-ac5afc95a7fd}.TM.b1f
NTUSER.DAT{1c50fab-5424-11ee-9f00-ac5afc95a7fd}.TMContainer000000000000000001.regtrans-ms
NTUSER.DAT{1c50fab-5424-11ee-9f00-ac5afc95a7fd}.TMContainer000000000000000002.regtrans-ms
OneDrive/
OneDrive - MEWO'/
PhpstormProjects/
Pictures/
Recent\@
Saved Games'/
Searches/
SendTo\@
Videos/
VirtualBox VMs'/
Voisinage d'impression\@
Voisinage réseau\@
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
sandwich/

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~ (master)
$ cd sandwich

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ ls

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ ls
burger.txt

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add burger.txt

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git status
On branch master

no commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   burger.txt

zureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
```

2.2. En effet, en appliquant la commande Git Status les modifications sont présentes dans la copie de travail.

```
MINGW64:/c/Users/JeanNGUEMA/sandwich

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~ (master)
$ cd sandwich

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ ls
burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$
```

2.3. Utilisons git status à nouveau pour vérifier que les modifications ont bien été placées dans l'index. Puis utilisons git diff --cached pour observer les différences entre l'index et la dernière version présente

dans l'historique de révision.

```
MINGW64:/c/Users/JeanNGUEMA/sandwich

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~ (master)
$ cd sandwich

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ ls
burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git at add burger.txt
git: 'at' is not a git command. See 'git --help'.

The most similar command is
    tag

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git diff --cached
diff --git a/burger.txt b/burger.txt
new file mode 100644
index 0000000..ee51d74
--- /dev/null
+++ b/burger.txt
@@ -0,0 +1,4 @@
+salade
+tomate
+oignons
+steak
\ No newline at end of file

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ |
```

2.4. En appliquant ma commande git commit -m avec un message de commit nous constatons des modifications.

```
MINGW64:/c/Users/JeanNGUEMA/sandwich

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git at add burger.txt
git: 'at' is not a git command. See 'git --help'.

The most similar command is
    tag

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git diff --cached
diff --git a/burger.txt b/burger.txt
new file mode 100644
index 0000000..ee51d74
--- /dev/null
+++ b/burger.txt
@@ -0,0 +1,4 @@
+salade
+tomate
+oignons
+steak
\ No newline at end of file

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git commit -m <sans piment>
bash: syntax error near unexpected token `newline'

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git commit -m "<sans piment>"
[master (root-commit) 74d8c9f] <sans piment>
Committer: Jean NGUEMA <jean.nguema@mewo-campus.fr>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 4 insertions(+)
create mode 100644 burger.txt

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ |
```

2.5. En appliquant à nouveau la commande git status nous pouvons observer que nos modifications ont bien été commités

```
AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git status
On branch master
nothing to commit, working tree clean

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$
```

2.6.

```
AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git log
commit 74d8c9f5392d7eaea7d3760559bdbf45085f6b32 (HEAD -> master)
Author: Jean NGUEMA <jean.nguema@mewo-campus.fr>
Date:   Fri Mar 1 03:29:16 2024 +0100

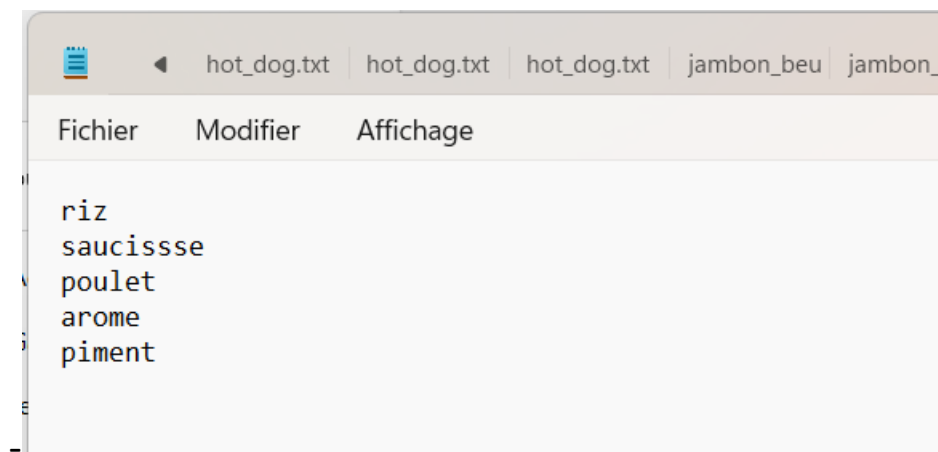
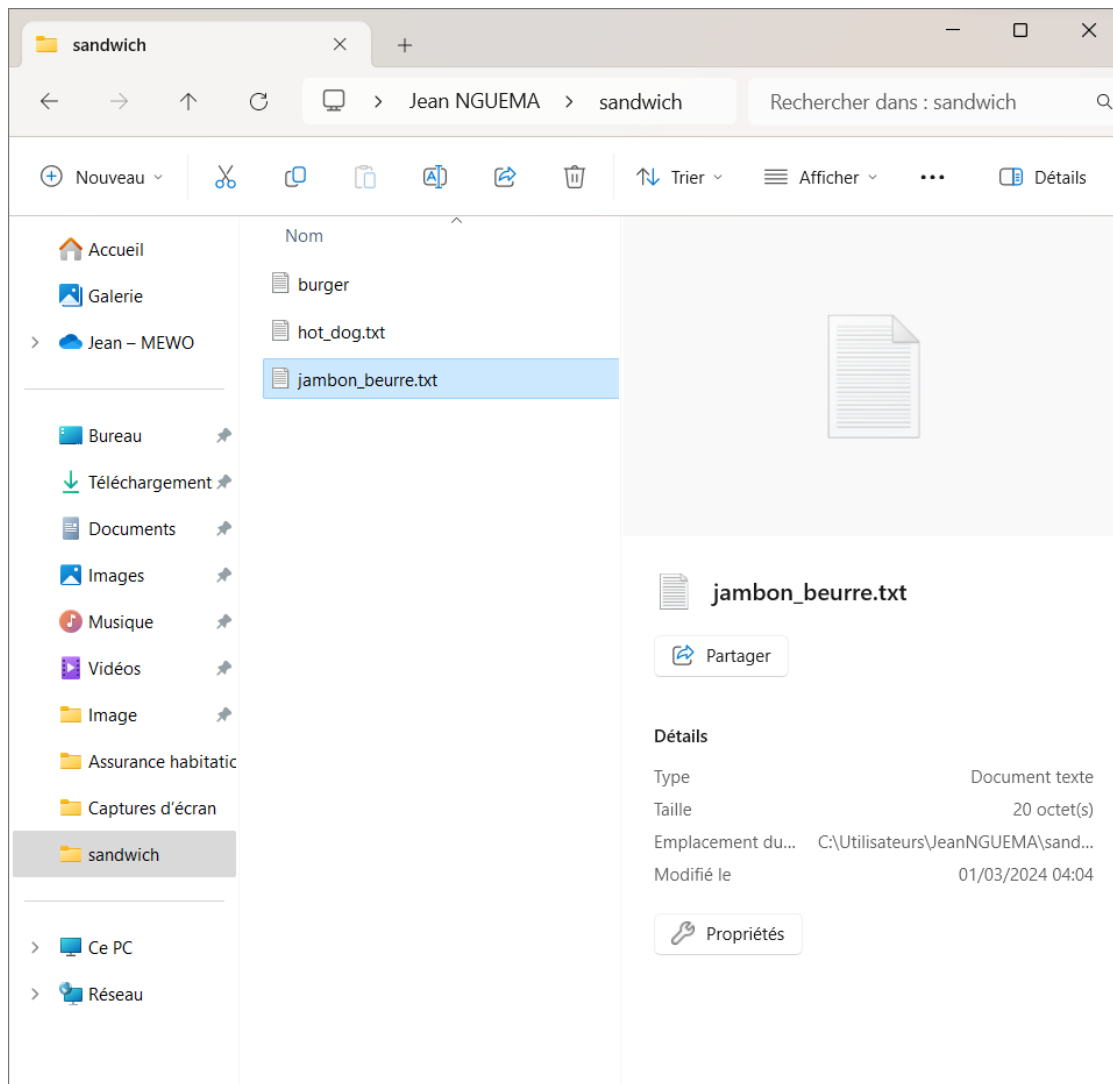
    <sans piment>

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ |
```

-Nous pouvons constater trois changements.

- * Affichage du commit
- * la date
- *les réponses précédente

2.7. Créons quelques autres sandwiches hot_dog.txt,
jambon_beurre.txt





```
The most similar command is
tag

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git diff

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git diff git add
fatal: ambiguous argument 'git': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git commit
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hot_dog.txt.txt
    jambon_beurre.txt.txt

nothing added to commit but untracked files present (use "git add" to track)
```

- En ayant appliqué la commande `git commit` nous pouvons observer ce que nous avons ajouté dans notre fichier.

2.8.

```
AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git log
commit 74d8c9f5392d7eaea7d3760559bdbf45085f6b32 (HEAD -> master)
Author: Jean NGUEMA <jean.nguema@mewo-campus.fr>
Date:   Fri Mar 1 03:29:16 2024 +0100

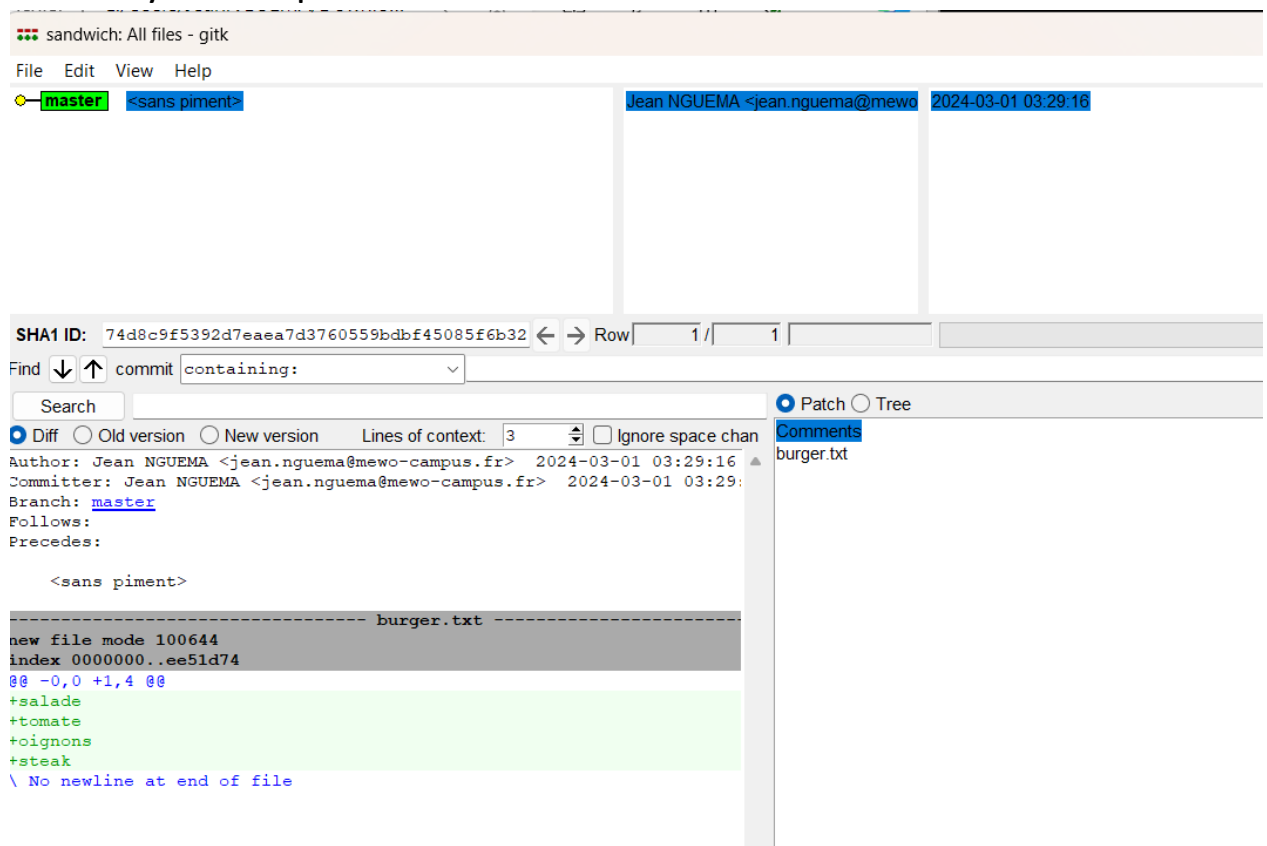
    <sans piment>

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hot_dog.txt.txt
        jambon_beurre.txt.txt

nothing added to commit but untracked files present (use "git add" to track)

AzureAD+JeanNGUEMA@SLAM-1950 MINGW64 ~/sandwich (master)
```

-En entrant les commandes git log nous pouvons observer l'historique des modifications et avec la commande git status nous voyons ce que nous avons comité.



- La commande gitk nous permet d'afficher une autre interface de git

2.9.

