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Contrôle de version avec git et github

Commandes de diffusion

= comparer les différentes versions des fichiers, branches et commit.

Git status ──────────────→ Which files were changed

Git diff ──────────────→ What changes were made

Modifier une nouvelle fois le fichier test.txt :

```
ain)
$ git diff HEAD test.txt
diff --git a/test.txt b/test.txt
index f0043ff..33db0a4 100644
--- a/test.txt
+++ b/test.txt
@@ -1 +1,2 @@
-modifier fichier pour mettre à jour le pointeur HEAD
+modifier pour git diff pour mettre à jour le pointeur HEAD
+Nouvelle ajout pour git diff
```

=> en rouge le texte d'origine

```
ain)
$ git log --pretty=oneline
5f836a494768b8598dcb0af974c8ac19c2955a0d (HEAD -> main) modification mineur
2459f5b71c65032cb5981cdcef23a7cc9c39c956 (origin/main, origin/HEAD) Merge pull request #1 from totophe4444/feature/lesson
93cd1c7fc5f7470701a31b8dba9d1ca52b3a010b (origin/feature/lesson, feature/lesson) Add test2.txt
46170b22445825a15ae381a0bd7f35eedd17feec Adding a new file for testing
745245758218edf8eaf8398d5be8aed5e7e5f0de Initial commit
```

```
$ git diff 2459f5b71c65032cb5981cdcef23a7cc9c39c956 745245758218edf8eaf8398d5be8aed5e7e5f0de
diff --git a/test.txt b/test.txt
deleted file mode 100644
index e69de29..0000000
diff --git a/test2.txt b/test2.txt
deleted file mode 100644
index e69de29..0000000
```

Comparer des branches =>

```
tophe@LAPTOP-FLENNB3D MINGW64 /c/tophe/mooc/coursera-v
$ git branch
  feature/lesson
* main

tophe@LAPTOP-FLENNB3D MINGW64 /c/tophe/mooc/coursera-v
ain)
$ git diff main feature/lesson
diff --git a/test.txt b/test.txt
index f0043ff..e69de29 100644
--- a/test.txt
+++ b/test.txt
@@ -1 +0,0 @@
-modifier fichier pour mettre à jour le pointeur HEAD
```

Les fichiers individuels, les branches et les commits peuvent tous être comparés avec Git diff.