



Rapport d'activités générales des tâches effectués.

Realisé par :
Fatima zahra tijani

Table des matières

<i>Introduction :</i>	2
<i>Scénario #1</i>	3
1 : First Step : Immersion	3
2 : Second Step : La découverte	4
3 : third step : Historique	5
<i>Scénario2</i>	6
1 : First Step : Tagging	6
2 : Second Step : Stashing and Saving work in Progress	6
<i>Scénario 3</i>	8
Second Step : Branching and merging sur GITHUB	8
Third step : compare pull Requests	10
CONCLUSION :	11

Introduction :

La gestion des workflows sous GIT/GITHUB sera la base de notre apprentissage en terme de la gestion de projet agile.

Un Scrum Master maintient la motivation de l'équipe au plus près des objectifs stratégiques. Il/Elle est le garant de l'amélioration continue des pratiques professionnelles. Il/Elle favorise une communication conviviale et un management visuel en gestion de projet agile.

En faisant preuve de transparence et d'inspections bienveillantes, il/elle est capable d'analyser rapidement le niveau de maturité des demandes de l'équipe et leur impact sur la gestion quotidienne du projet.

Scénario #1

1 : First Step : Immersion

Git : est un logiciel de gestion de versions décentralisé. C'est un logiciel libre créé par Linus Torvalds.



```
MINGW64~/c/Users/Youcode/Desktop/project/demo
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project
$ git init
Initialized empty Git repository in C:/Users/Youcode/Desktop/project/.git/
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project (master)
$ ls
demo/
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project
$ cd demo/
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo
$ ls
$ git init
Initialized empty Git repository in C:/Users/Youcode/Desktop/project/demo/.git/
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo (master)
$ touch README.md
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo (master)
$ vim README.md
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo (master)
$ git add .
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
Youcode@DESKTOP-9G01981 MINGW64 ~/Desktop/project/demo (master)
$ git commit -m 'First Step'
[master (root-commit) f123963] First Step
1 file changed, 1 insertion(+)
 create mode 100644 README.md
```

git : (c'est un dossier caché situé à la racine du projet). Il contient l'historique des modifications des fichiers et la configuration de Git pour ce projet. git1.PNG

2 : Second Step : La découverte

```
MINGW64~/Users/youcode/Desktop/project/demo
[master (root:commit) 121963] First Step
1 file changed, 1 insertion(+)
create mode 100644 README.md

youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ cd .git
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo/.git (GIT_DIR!)
$ ls -la
total 13
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:35 ./
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:34 ../
-rw-r--r-- 1 Youcode 197121 11 nov. 26 11:35 COMMIT_EDITMSG
-rw-r--r-- 1 Youcode 197121 130 nov. 26 11:29 config
-rw-r--r-- 1 Youcode 197121 73 nov. 26 11:29 description
-rw-r--r-- 1 Youcode 197121 23 nov. 26 11:29 HEAD
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:29 hooks/
-rw-r--r-- 1 Youcode 197121 137 nov. 26 11:35 index
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:29 info/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:35 logs/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:35 objects/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 11:29 refs/

youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo/.git (GIT_DIR!)
$ cd ..
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ touch LICENCE.md
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        LICENCE.md

nothing added to commit but untracked files present (use "git add" to track)
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git commit -a -m '2 commit'
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        LICENCE.md

nothing added to commit but untracked files present
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git add .
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git commit -m 'Sec Step'
[master 605f12] Sec Step
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 LICENCE.md
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git status
On branch master
nothing to commit, working tree clean
youcode@DESKTOP-9Q21981 MINGW64 ~/Desktop/project/demo (master)
$ git ls-files --others --exclude-standard
$ |
```

HEAD : est une référence au dernier commit de la branche de sortie actuelle. Vous pouvez considérer la tête comme la "branche actuelle".

LOGS : L'outil Git Log vous permet d'afficher des informations sur les validations précédentes effectuées dans un projet.

BRANCHES : Une branche dans Git est simplement un pointeur mobile léger sur l'un de ces commits. Le nom de branche par défaut dans Git est master

```
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ cd .git
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo/.git (GIT_DIR!)
$ ls -la
total 13
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:03 ./
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:03 ../
-rw-r--r-- 1 Youcode 197121 18 nov. 26 19:03 COMMIT_EDITMSG
-rw-r--r-- 1 Youcode 197121 130 nov. 26 19:00 config
-rw-r--r-- 1 Youcode 197121 73 nov. 26 19:00 description
-rw-r--r-- 1 Youcode 197121 23 nov. 26 19:00 HEAD
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:00 hooks/
-rw-r--r-- 1 Youcode 197121 137 nov. 26 19:03 index
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:00 info/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:03 logs/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:03 objects/
drwxr-xr-x 1 Youcode 197121  0 nov. 26 19:00 refs/

youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo/.git (GIT_DIR!)
$ cd ..
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ touch Licence.md
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ ls
Licence.md README.md
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Licence.md

nothing added to commit but untracked files present (use "git add" to track)
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git add .
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git commit -m '1e deuxeme commit'
[master 6e7ad82] 1e deuxeme commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Licence.md
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
```

3 : third step : Historique

Pour commencer cette étape, nous avons tout d'abord Affichez le dernier commit,toute en ajoutant l'option d'affichage de la hiérarchie de la branche, avec les commit et leur branche aussi. Nous avons fait ça avec la commande suivant :

```
Youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git show --oneline
6e7ad82 (HEAD -> master) 1e deuxeme commit
diff --git a/Licence.md b/Licence.md
new file mode 100644
index 0000000..e69de29

Youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git config --global alias.historique show --oneline

Youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git config --list | grep alias
alias.historique=log
alias.historique=log
alias.historique=log
alias.historique=show
alias.historique=log
alias.historique=show
alias.historique=show
```

```
Youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git log
commit 6e7ad821004b6ba4321101753aad64c987b31d65 (HEAD -> master)
Author: achraf lachgar <achraf.lachgar456@gmail.com>
Date: Tue Nov 26 19:06:56 2019 +0100

    1e deuxeme commit

commit 932ac86f2092b604840dba07529ca226fc1900c8
Author: achraf lachgar <achraf.lachgar456@gmail.com>
Date: Tue Nov 26 19:03:40 2019 +0100

    1e premier commit

Youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/project/demo (master)
$ git historique 932ac86f2092b604840dba07529ca226fc1900c8
commit 932ac86f2092b604840dba07529ca226fc1900c8
Author: achraf lachgar <achraf.lachgar456@gmail.com>
Date: Tue Nov 26 19:03:40 2019 +0100

    1e premier commit

diff --git a/README.md b/README.md
new file mode 100644
index 0000000..5f48a3c
--- /dev/null
+++ b/README.md
@@ -0,0 +1 @@
+#Demo project un simple fichier
```

Scénario2

1 : First Step : Tagging

```
youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop (master)
$ cd projects

youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop/projects (master)
$ cd Projects/

youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop/projects/Projects (master)
$ cd demo/

youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop/projects/Projects/demo (master)
$ git tag -a V1.0 -m "RELEASE 1.0"

youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop/projects/Projects/demo (master)
$ git tag
V1.0

youcode@DESKTOP-LKQJF63 MINGW64 ~/desktop/projects/Projects/demo (master)
$ |
```

2 : Second Step : Stashing and Saving work in Progress

```

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ vim README.md

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git stash
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
Saved working directory and index state WIP on master: ff70174 branche bien faite corrigier

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git stash list
stash@{0}: WIP on master: ff70174 branche bien faite corrigier

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        README.md.orig

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

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ vim Licence.txt

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git commit -a -m 'first commit'
warning: LF will be replaced by CRLF in Licence.txt.
The file will have its original line endings in your working directory
[master 029ca36] first commit
1 file changed, 1 insertion(+)

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git stash pop
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   .gitignore
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (b3e6ffef3456260c29466680366c6047aad5bdc3)

youcode@DESKTOP-9GDI9BI MINGW64 ~/Desktop/projects/demo (master)
$ git stash pop
No stash entries found.

```

git stash: temporairement les modifications que vous avez apportées à votre copie de travail afin que vous puissiez travailler sur autre chose, puis revenir et les réappliquer plus tard

Scénario 3

Second Step : Branching and merging sur GITHUB

Switch branches/tags

Branches

Tags

master

default

✓

Example


Overview	Yours	Active	Stale	All branches	Search branches...
Default branch					
<div><div>master</div><div>Updated 44 minutes ago by yocho1</div><div>Default</div><div>Change default branch</div></div>					
Your branches					
<div><div>Example</div><div>Updated 1 minute ago by yocho1</div><div>0 1</div><div>New pull request</div><div></div></div>					
Active branches					
<div><div>Example</div><div>Updated 1 minute ago by yocho1</div><div>0 1</div><div>New pull request</div><div></div></div>					


```
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local (master)
$ git branch annulation
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local (master)
$ cd initializr/
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (master)
$ vim index.html
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (master)
$ git checkout annulation
Switched to branch 'annulation'
W   initializr/index.html
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
$ vim i
img/      index.html
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
$ vim index.html
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
$ git commit -a -m "annulation de H1"
[annulation ed219b5] annulation de H1
1 file changed, 1 deletion(-)
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
```

Active branches

annulation Updated 4 minutes ago by yocho1


0 | 1

 New pull request



Example Updated 11 minutes ago by yocho1

0 | 1

 New pull request



```
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
$ git show
commit ed219b5e0407d34d0407742e227df6888b9b5430 (HEAD -> annulation)
Author: achraf lachgar <achraf.lachgar456@gmail.com>
Date: Thu Nov 28 00:40:00 2019 +0100

    annulation de H1

diff --git a/initializr/index.html b/initializr/index.html
index dbaad97..8db9e35 100644
--- a/initializr/index.html
+++ b/initializr/index.html
@@ -24,7 +24,6 @@
<script src="js/vendor/modernizr-2.8.3-respond-1.4.2.min.js"></script>
</head>
<body>
-    <h1>modification récente </h1>
    <!--[if !t IE 8]>
      <p class="browserupgrade">You are using an <strong>outdated</strong> browser. Please <a href="http://browsehappy.com/">upgrade your browser</a> to improve your
    </endif-->
experience.</p>
<!--[endif]-->
youcode@DESKTOP-62DG4RA MINGW64 ~/Desktop/Projects/Monsiteweb-local/initializr (annulation)
$ git push origin annulation
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 355 bytes | 177.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
remote:
remote: Create a pull request for 'annulation' on GitHub by visiting:
remote:   https://github.com/yocho1/Monsiteweb/pull/new/annulation
remote:
To https://github.com/yocho1/Monsiteweb.git
 * [new branch]      annulation -> annulation
```

Third step : compare pull Requests

annulation (4 minutes ago)

Compare & pull request

Showing 1 changed file with 0 additions and 1 deletion.

Unified Split

initializr/index.html

@@ -24,7 +24,6 @@

24 24 <script src="js/vendor/modernizr-2.8.3-respond-1.4.2.min.js"></script>

25 25 </head>

26 26 <body>

27 - <h1> modification récente </h1>

28 27 <!--[if lt IE 8]>

29 28 <p class="browserupgrade">You are using an outdated browser. Please <a href="http://browsehappy.com/"

30 29 <![endif]></div>

annulation à vérifier

Write Preview

AA B i “ > < @

Leave a comment

Attach files by dragging & dropping, selecting them.

Create pull request

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

yocho1 commented now

Author Owner +

Accepte le pull request

Pull request successfully merged and closed

You're all set—the annulation branch can be safely deleted.

Delete branch

Switch branches/tags

Find or create a branch...

Branches

Tags

✓ master

default

CONCLUSION :

J'ai appris beaucoup de plaisir à en apprendre plus sur Git et à débloquent ses secrets. Il est très performant du fait d'avoir été écrit en C et optimisé pour le noyau Linux. La notion de Git Branching est terriblement efficace et permet de construire un projet de bout en bout de façon très simple et intuitive en minimisant les crises de conflits. Avec Git vous pouvez faire presque tout ce que vous voulez. La gestion des tags, branches, et merge est à la limite de la perfection en des temps records .

De plus, Github contribue largement à la notoriété de Git en fournissant un service d'hébergement de code open source permettant la visualisation du code, en ajoutant le côté social et relationnel.