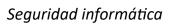




Seguridad informática

Teo Álvarez Rodríguez teo.alvarez@salesianoslosboscos.com





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Indice



Para comenzar nos situamos en la carpeta que vayamos a utilizar y la inicializamos

```
PC03@hp-elitebook-850-g6 MINGW64 ~ (master)
$ cd c:

PC03@hp-elitebook-850-g6 MINGW64 /c
$ cd SMR_P6

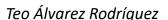
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6
$ git init
Initialized empty Git repository in C:/SMR_P6/.git/

PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (master)
$
```

## Renombramos la rama principal

```
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (master)
$ git branch -m main

PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ |
```





Realizamos el primer commit en la rama Main, para ello crearemos el archivo en nuestro editor de texto, después de comprobar mediante el comando Status que el archivo se encuentra en nuestra carpeta lo añadiremos a la cola de Git para poder commitearlo

```
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git status
On branch main
No commits yet
Untracked files:
    (use "git add <file>..." to include in what will be committed)
        primero.html
nothing added to commit but untracked files present (use "git add" to track)
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git add .

PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git commit -m "primero commit en main"
[main (root-commit) 83d47fd] primero commit en main
1 file changed, 11 insertions(+)
    create mode 100644 primero.html

PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ |
```

Seguimos commiteando como indica el ejercicio



```
itebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git switch feature01
Switched to branch 'feature01'
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git status
On branch feature01
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git add .
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git commit -m "primer comit en feature01"
[feature01 34ecd60] primer comit en feature01
1 file changed, 11 insertions(+)
create mode 100644 feature01.html
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git tree
  34ecd60 (HEAD -> feature01) primer comit en feature01 a584a93 (main) segundo comit en main
  83d47fd primero commit en main
```

```
CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git status
On branch feature01
Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: feature01.html
no changes added to commit (use "git add" and/or "git commit -a")
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git add .
CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git commit -m "segundo comit en feature01"
[feature01 4f4c840] segundo comit en feature01
 1 file changed, 1 insertion(+), 1 deletion(-)
CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
  git tree
  4f4c840 (HEAD -> feature01) segundo comit en feature01
34ecd60 primer comit en feature01
a584a93 (main) segundo comit en main
  83d47fd primero commit en main
 CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
```

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```
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git status
On branch feature01
Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: feature01.html
no changes added to commit (use "git add" and/or "git commit -a")
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git add .
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
$ git commit -m "tercer comit en feature01"
[feature01 7e26550] tercer comit en feature01
1 file changed, 1 insertion(+), 1 deletion(-)
PC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
 git tree
  7e26550 (HEAD -> feature01) tercer comit en feature01
  * 322c5c9 (feature02) primer comit en feature02
  4f4c840 segundo comit en feature01
  34ecd60 primer comit en feature01
  a584a93 (main) segundo comit en main
  83d47fd primero commit en main
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)
```



Después de seguir los commits debemos hacer un merge entre las ramas 'feature01' y 'feature02'

```
PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01)

S git switch feature02

Switched to branch 'feature02'

PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature02)

S git merge feature01

Merge made by the 'ort' strategy.

feature01.html | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature02)

S git tree

PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01' into feature02)

S git tree

PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature01' into feature02)

S git tree

PCC03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (feature02)

S g
```

Hacemos un ultimo commit en la rama 'main'

```
C03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
 CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git add .
PCO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
$ git commit -m "tercer comit en main"
[main 0f79755] tercer comit en main
1 file changed, 11 insertions(+) create mode 100644 tercero.html
 CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
  git tree
    f79755 (HEAD -> main) tercer comit en main
2d2717f (feature02) Merge branch 'feature01' into feature02
     * 7e26550 (feature01) tercer comit en feature01
| 322c5c9 primer comit en feature02
    4f4c840 segundo comit en feature01
34ecd60 primer comit en feature01
  a584a93 segundo comit en main
  83d47fd primero commit en main
 CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
```



Y por ultimo mergeamos la rama 'main' con la rama 'feature01'

```
CO3@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
 git merge feature01
Updating 0f79755..893c6c6
ast-forward
feature01.html | 11 +++++++++
1 file changed, 11 insertions(+)
create mode 100644 feature01.html
C03@hp-elitebook-850-g6 MINGW64 /c/SMR_P6 (main)
 git tree
   893c6c6 (HEAD -> main, feature01) Merge branch 'main' into feature01
   Of79755 tercer comit en main
       2d2717f (feature02) Merge branch 'feature01' into feature02
     7e26550 tercer comit en feature01
     322c5c9 primer comit en feature02
   4f4c840 segundo comit en feature01
   34ecd60 primer comit en feature01
 a584a93 segundo comit en main
 83d47fd primero commit en main
```

El resultado del tree no es el mismo que en el ejemplo pero no consigo replicarlo.