

DESARROLLO DE INTERFACES

Fundamentos de Git II

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Fundamentos Git II

1. G) Creación de repositorio, subida de “actores.txt”, creación de rama y subida de archivo “actrices.txt” a rama test

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (test)
$ git log --graph --all
* commit 729e85faec9a24b914026694124b919e654309d0 (HEAD -> test)
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:33:01 2023 +0200
|
|     Añadimos actrices.txt a la rama test
|
* commit 91344bbd4e3f9c8924cdf3a5167925a8390c3851 (master)
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:27:59 2023 +0200
|
|     Primer commit de actores.txt
```

1. I) Combinamos “rama” test a rama “master”

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (master)
$ git merge test
Updating 91344bb..729e85f
Fast-forward
  actrices.txt | 3 +++
  1 file changed, 3 insertions(+)
  create mode 100644 actrices.txt
```

1. N) Creamos segunda rama “test2” y añadimos contenido a “actrices.txt”

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (test2)
$ git log --graph --all
* commit 96c7bbf8e0da94c0bcaea71162f44cb28573d08f (HEAD -> test2)
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:40:14 2023 +0200
|
|     Añadimos una actriz a 'actrices.txt'
|
* commit f92842d2ee1d7389d8a2ea2f88f6988ca6644a29 (master)
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:38:46 2023 +0200
|
|     Añadimos una actriz a 'actrices.txt'
|
* commit 729e85faec9a24b914026694124b919e654309d0 (test)
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:33:01 2023 +0200
|
|     Añadimos actrices.txt a la rama test
|
* commit 91344bbd4e3f9c8924cdf3a5167925a8390c3851
| Author: Martha Fernández <marthazfq@gmail.com>
| Date: Mon Oct 2 21:27:59 2023 +0200
|
|     Primer commit de actores.txt
```

1. O) Conflicto al hacer merge entre “test2” y “master”

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (master)
$ git merge test2
Auto-merging actrices.txt
CONFLICT (content): Merge conflict in actrices.txt
Automatic merge failed; fix conflicts and then commit the result.
```

1. P) y Q) Resolviendo el conflicto

Hay varias formas de resolver este conflicto, el caso más sencillo es el siguiente, simplemente hacemos un “git add actrices.txt” y un “git commit” para poder resolver este conflicto:

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (master|MERGING)
$ git add actrices.txt

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (master|MERGING)
$ git commit -m "Arreglamos conflicto entre merge master con test2"
[master 53a2531] Arreglamos conflicto entre merge master con test2

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/S2R1 (master)
$ git log --graph --all
*   commit 53a2531ef283cf09818b343ad5c66efee8d18206 (HEAD -> master)
|  \ Merge: f92842d 96c7bbf
|   Author: Martha Fernández <marthazfq@gmail.com>
|   Date:   Mon Oct 2 21:46:31 2023 +0200
|
|       Arreglamos conflicto entre merge master con test2
|
| *   commit 96c7bbf0da94c0bcaea71162f44cb28573d08f (test2)
|   \ Author: Martha Fernández <marthazfq@gmail.com>
|    \ Date:   Mon Oct 2 21:40:14 2023 +0200
|
|        Añadimos una actriz a 'actrices.txt'
|
| *   commit f92842d2ee1d7389d8a2ea2f88f6988ca6644a29
|   \ Author: Martha Fernández <marthazfq@gmail.com>
|    \ Date:   Mon Oct 2 21:38:46 2023 +0200
|
|        Añadimos una actriz a 'actrices.txt'
|
| *   commit 729e85faec9a24b914026694124b919e654309d0 (test)
|   \ Author: Martha Fernández <marthazfq@gmail.com>
|    \ Date:   Mon Oct 2 21:33:01 2023 +0200
|
|        Añadimos actrices.txt a la rama test
|
| *   commit 91344bbd4e3f9c8924cdf3a5167925a8390c3851
|   \ Author: Martha Fernández <marthazfq@gmail.com>
|    \ Date:   Mon Oct 2 21:27:59 2023 +0200
|
|        Primer commit de actores.txt
```

Otra forma de resolver este conflicto es manualmente editando el contenido de este txt.

3. Clonación de repositorio de “S2R2-remoto” a “S2R2”

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2-remoto (master)
$ git clone "c:/s2r2-remoto" "c:/s2r2"
Cloning into 'c:/s2r2'...
warning: You appear to have cloned an empty repository.
done.
```

3. C) Realizar un push a repositorio remoto

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2 (master)
$ git push ../s2r2-remoto master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 270 bytes | 270.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To ../s2r2-remoto
* [new branch]      master -> master
```

3. G) Push de rama “version1” al repositorio remoto

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2 (version1)
$ git push -u "c:/s2r2-remoto" version1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 305 bytes | 305.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To c:/s2r2-remoto
* [new branch]      version1 -> version1
branch 'version1' set up to track 'c:/s2r2-remoto/version1'.
```

4. A) Mostramos el contenido del fichero “directores.txt” y el resultado de git status

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (master)
$ cat directores.txt
director 1
director 2
director 3
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

4. B) y C) Cambiamos a version1 y mostramos el contenido de “directores.txt”

```
Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (master)
$ git checkout version1
Switched to a new branch 'version1'
branch 'version1' set up to track 'origin/version1'.

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (version1)
$ cat directores.txt
director 1
director 2
director 3
director 4
director 5
```

4. F) Subida de la rama master actualizada al servidor

```

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (version1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (master)
$ git merge version1
Updating 4d18232..dcdcc9b
Fast-forward
 director.es.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r3 (master)
$ git push "c:/s2r2-remoto" master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To c:/s2r2-remoto
 4d18232..dcdcc9b  master -> master

```

5. A) Hacemos un fetch de S2R2-remoto a S2R2 sin fusionarlos

```

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2 (master)
$ git fetch "../s2r2-remoto"
From ../s2r2-remoto
 * branch          HEAD          -> FETCH_HEAD

```

5. B) y C) Actualizamos la rama mater local con el contenido del repositorio y mostramos el contenido de "directores.txt"

```

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2 (master)
$ git pull "c:/s2r2-remoto" master
From c:/s2r2-remoto
 * branch          master       -> FETCH_HEAD
Updating 4d18232..dcdcc9b
Fast-forward
 director.es.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)

Zuhey@DESKTOP-RLSMM0B MINGW64 /c/s2r2 (master)
$ cat director.es.txt
director 1
director 2
director 3
director 4
director 5

```