

1.FUNDAMENTOS GIT I

1.Git --version

MINGW64:/c/Users/USUARIO

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ git --version  
git version 2.29.2.windows.2  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ ..  
$
```

2.Comandos configuración

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ git config --global user.name "Asencio Ortiz"  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ git config --global user.email asencio.ortiz@gmail.com  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ ^C  
I  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ git config --global user.email  
asencio.ortiz@gmail.com  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$ git config --global core.editor notepad  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~  
$
```

g)Git status peliculas.txt

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ touch peliculas.txt

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        peliculas.txt

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

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git add .

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   peliculas.txt

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$
```

l)Elimino comidas.txt y añado peliculas

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ rm -r comidas.txt

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:   comidas.txt

no changes added to commit (use "git add" and/or "git commit -a")

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:   comidas.txt
        modified:  peliculas.txt

no changes added to commit (use "git add" and/or "git commit -a")

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$
```

n) git status. Elimino comidas y añado 2 películas

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
$ git add .
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    comidas.txt
        modified:   peliculas.txt
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
$
```

q)git status datos.bak y output/salida.txt

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status -u
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        datos.bak
        output/salida.txt

nothing added to commit but untracked files present (use "git add" to track)
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$
```

s)creación archivo .gitignore

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ touch .gitignore
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

nothing added to commit but untracked files present (use "git add" to track)
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S1R1 (master)
$
```

u) Histórico cambios con gitlog

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S1R1 (master)
$ git log
commit 6a3673f8dad3faa8170a54fae9f299544af336b1 (HEAD -> master)
Author: Asencio Ortiz <asencio.ortiz@gmail.com>
Date: Thu Nov 19 13:27:52 2020 +0100

    Incluyo .gitignore

commit 11280bba96bb00836bf98746c6e271a9378c49c4
Author: Asencio Ortiz <asencio.ortiz@gmail.com>
Date: Thu Nov 19 13:19:15 2020 +0100

    Añado 2 películas y elimino comidas

commit 54b362bdc0592c2de4e6f11c982efbb1a8104432
Author: Asencio Ortiz <asencio.ortiz@gmail.com>
Date: Thu Nov 19 13:13:23 2020 +0100

    películas y comidas

commit 228f80760836157bc96405e7df9a97c83716496a
Author: Asencio Ortiz <asencio.ortiz@gmail.com>
Date: Thu Nov 19 13:08:07 2020 +0100

    Añado 2 libros más: Trafalgar y Bodas de Sangre

commit 10fd5d026a36ed00c255b8ce5dd9daf6e20857ea
Author: Asencio Ortiz <asencio.ortiz@gmail.com>
Date: Thu Nov 19 13:06:25 2020 +0100

    Libros

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S1R1 (master)
$
```

2.FUNDAMENTOS GIT II

f) git log --graph --all rama test

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (test)
$ git log --graph --all
* commit eb4ce8e45f7029f4894283a07b005cd18f8c1c3b (HEAD -> test)
| Author: Asencio Ortiz <asencio.ortiz@gmail.com>
| Date: Thu Nov 19 13:35:47 2020 +0100
|
| Añado actrices
|
* commit 1fcc4fffccb74537d5f308449f2a77647c217c4d (master)
| Author: Asencio Ortiz <asencio.ortiz@gmail.com>
| Date: Thu Nov 19 13:31:55 2020 +0100
|
| Añado actores
|
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (test)
$
```

g) Incorporo los cambios de test en rama master con merge test

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (test)
$ git checkout master
Switched to branch 'master'

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$ git merge test
Updating 1fcc4ff..eb4ce8e
Fast-forward
 actrices.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 actrices.txt

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$
```

l) git log --graph --all rama master y rama test



The screenshot shows a terminal window titled "MINGW64:/c/Users/USUARIO/Desktop/2ºdaw/diseño de Interfaces Web/cur...". The terminal output is as follows:

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$ git add .
warning: LF will be replaced by CRLF in actrices.txt.
The file will have its original line endings in your working directory

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$ git commit -m "Añado actriz"
[master 504b988] Añado actriz
 1 file changed, 2 insertions(+), 3 deletions(-)

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$
```

Divergen los caminos

```

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
$ git log --graph --all
* commit 46cf078c05767396cefb49bc6fdc4cba0ea974a4 (HEAD -> test2)
  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
  Date: Sat Nov 21 18:38:43 2020 +0100

    Añado actriz en test2

* commit 504b988fde301c40398b673a47d7e857daee1e0b (master)
  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
  Date: Sat Nov 21 18:36:42 2020 +0100

    Añado actriz

* commit eb4ce8e45f7029f4894283a07b005cd18f8c1c3b (test)
  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
  Date: Thu Nov 19 13:35:47 2020 +0100

    Añado actrices

* commit 1fcc4fffcdb74537d5f308449f2a77647c217c4d
  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
  Date: Thu Nov 19 13:31:55 2020 +0100

    Añado actores

```

m) Incorpo cambios a master de test2 (CONFLICTO)

```

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S2R1 (test2)
$ git checkout master
Switched to branch 'master'

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/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.

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGi
thub/S2R1 (master|MERGING)
$

```

ñ) Resuelvo conflicto y hago git log --graph --all

```

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R1 (master)
$ git log --graph --all
*   commit 552e60b7be05716897a91f0dcc443315671b3f53 (HEAD -> master)
|/  Merge: 504b988 46cf078
|   Author: Asencio Ortiz <asencio.ortiz@gmail.com>
|   Date:   Sat Nov 21 18:42:25 2020 +0100
|
|       Añado las 2 atrices
|
*   commit 46cf078c05767396cefb49bc6fdc4cba0ea974a4 (test2)
|/  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
|   Date:   Sat Nov 21 18:38:43 2020 +0100
|
|       Añado actriz en test2
|
*   commit 504b988fde301c40398b673a47d7e857daee1e0b
|/  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
|   Date:   Sat Nov 21 18:36:42 2020 +0100
|
|       Añado actriz
|
*   commit eb4ce8e45f7029f4894283a07b005cd18f8c1c3b (test)
|/  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
|   Date:   Thu Nov 19 13:35:47 2020 +0100
|
|       Añado actrices
|
*   commit 1fcc4ffffccb74537d5f308449f2a77647c217c4d
|/  Author: Asencio Ortiz <asencio.ortiz@gmail.com>
|   Date:   Thu Nov 19 13:31:55 2020 +0100
|
|       Añado actores

```

3. (Clonado S2R2-remoto a S2R2)

```

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2
$ git clone ../S2R2-remoto/ copias2r2
Cloning into 'copias2r2'...
done.

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2
$ ls
copias2r2/

```

C)Push a remoto

```

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 6 threads
Compressing objects: 100% (1/1), done.
Writing objects: 100% (3/3), 277 bytes | 277.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/USUARIO/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/../S2R2-remoto/
 ebd17a4..0dd0f31 master -> master

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$

```

f) Push de rama version1 a remoto

```
1 file changed, 2 insertions(+)  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)  
$ git push origin version1  
Enumerating objects: 5, done.  
Counting objects: 100% (5/5), done.  
Writing objects: 100% (3/3), 317 bytes | 317.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To C:/Users/USUARIO/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/./S2R2-remoto/  
ebd17a4..3256eb9 version1 -> version1  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)  
$
```

4. a) Muestra contenido directores.txt y git status

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)  
$ cat directores.txt  
Coppola  
Amenabar  
Bayona  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)  
$ git status  
On branch master  
Your branch is up to date with 'origin/master'.  
  
nothing to commit, working tree clean  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)  
$ |
```

4. b) cambio a rama version1

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)  
$ git checkout version1  
Switched to a new branch 'version1'  
Branch 'version1' set up to track remote branch 'version1' from 'origin'.  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (version1)  
$
```

4) c) muestro contenido directores

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (version1)  
$ cat directores.txt  
Coppola  
Amenabar  
Bayona  
Ridley Scott  
Spielberg  
  
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (version1)  
$ |
```


4. Incorporo cambios de rama version1 a rama master y subo rama master actualizada a servidor

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)
$ git merge version1
Updating Odd0f31..3256eb9
Fast-forward
 directores.txt | 2 ++
 1 file changed, 2 insertions(+)

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)
$ git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To C:/Users/USUARIO/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/./S2R2-remoto/
 Odd0f31..3256eb9 master -> master

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R3/copias2r3 (master)
$
```

5. a) Obtén cambios que hay en repositorio remoto

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)
$ git status
On branch version1
nothing to commit, working tree clean

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)
$ git fetch
From C:/Users/USUARIO/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/./S2R2-remoto
 Odd0f31..3256eb9 master -> origin/master

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)
$
```

5 b) actualiza rama master local con contenido rama master repositorio remoto

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (version1)
$ git checkout master
Switched to branch 'master'
Your branch is behind 'origin/master' by 1 commit, and can be fast-forwarded.
(use "git pull" to update your local branch)

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$ git pull
Updating Odd0f31..3256eb9
Fast-forward
 directores.txt | 2 ++
 1 file changed, 2 insertions(+)

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$
```

5. c) captura pantalla directores.txt

```
USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$ cat directores.txt
Coppola
Amenabar
Bayona
Ridley Scott
Spielberg

USUARIO@DESKTOP-BFS73CG MINGW64 ~/Desktop/2ºdaw/diseño de Interfaces Web/cursoGithub/S2R2/copias2r2 (master)
$
```