

Practica – Uso de Git y GitHub

Fundamentos de Git I

1. Instala Git

```
$ git --version  
git version 2.45.2.windows.1
```

2. Configuración de Git

```
$ git config --list  
diff.astextplain.textconv=astextplain  
filter.lfs.clean=git-lfs clean -- %f  
filter.lfs.smudge=git-lfs smudge -- %f  
filter.lfs.process=git-lfs filter-process  
filter.lfs.required=true  
http.sslbackend=openssl  
http.sslcainfo=C:/Users/USUARIO/Desktop/Repos/mingw64/etc/ssl/certs/ca-bundle.crt  
core.autocrlf=true  
core.fscache=true  
core.symlinks=false  
pull.rebase=false  
credential.helper=manager  
credential.https://dev.azure.com.usehttppath=true  
init.defaultbranch=master  
core.editor="C:\Users\USUARIO\AppData\Local\Programs\Microsoft VS Code\bin\code" --wait  
user.name=CristinaPicazo  
user.email=cristina.picazo.merlos@gmail.com  
user.username=CristinaPicazo  
credential.helper=wincred
```

3.g 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)
```

3.l Cambios en el directorio

```

EXPLORER
  S1R1
    libros.txt
    películas.txt M
  
```

```

películas.txt
You, 1 second ago | 1 author (You)
1 Más allá de los sueños
2 Diabólica
3 M3gan
4 Beetlejuice
5 Del reves 2 You, now • Uncommitted changes
  
```

```

TERMINAL
GITLENS PROBLEMS PORTS OUTPUT DEBUG CONSOLE

nothing added to commit but untracked files present (use "git add" to track)
PS E:\DAW\# 2 DAW 24-25\DMEC Desarrollo Web en Entorno Cliente\T1\S1R1> git add pelitulas.txt
fatal: pathspec 'pelitulas.txt' did not match any files
PS E:\DAW\# 2 DAW 24-25\DMEC Desarrollo Web en Entorno Cliente\T1\S1R1> git add películas.txt
PS E:\DAW\# 2 DAW 24-25\DMEC Desarrollo Web en Entorno Cliente\T1\S1R1> git add comidas.txt
PS E:\DAW\# 2 DAW 24-25\DMEC Desarrollo Web en Entorno Cliente\T1\S1R1> git commit -m "anadido películas y comidas"
[master e0bec22] anadido películas y comidas
2 files changed, 6 insertions(+)
create mode 100644 comidas.txt
create mode 100644 películas.txt
PS E:\DAW\# 2 DAW 24-25\DMEC Desarrollo Web en Entorno Cliente\T1\S1R1> 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:   películas.txt

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

```

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:   películas.txt

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

3.n git status

```

On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    comidas.txt
        modified:   películas.txt
  
```

3.q git status

```
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    datos.bak
    output/

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

3.s 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)
```

3.u Histórico de cambios

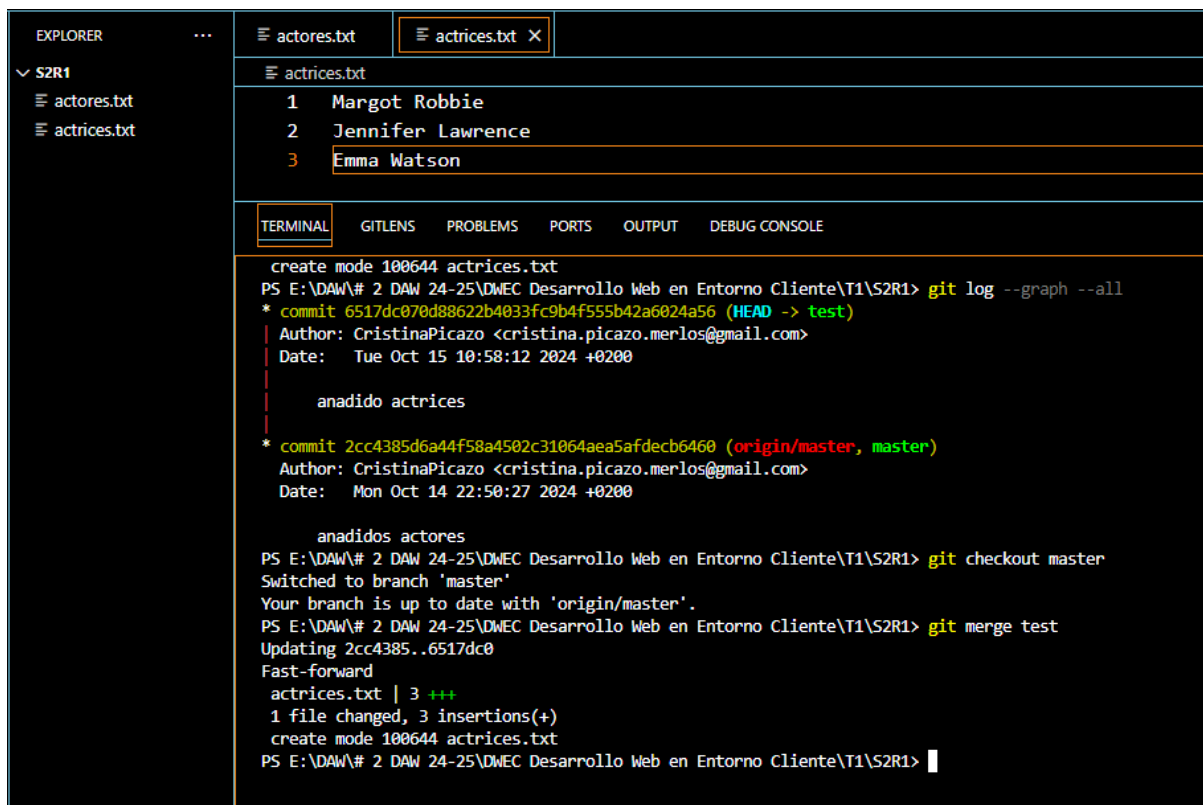
```
* commit efdfe0b51fc0328512cf1dd0ca486162f751eda3 (HEAD -> master)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date:   Mon Oct 14 22:43:09 2024 +0200
|
|     creado archivo ignore
|
* commit 762e625255022f1dba7487170b643a01bd2615c5
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date:   Mon Oct 14 21:42:11 2024 +0200
|
|     borrado comidas y anadido en peliculas
|
* commit e0bec22b277f2ef20526958e898d492742e78ce1
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date:   Mon Oct 14 21:35:51 2024 +0200
|
|     anadido peliculas y comidas
|
* commit 6ecde2d893352ff3fb57b1b893a161b0dae33fa6
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date:   Mon Oct 14 21:29:33 2024 +0200
|
|     anadidos 2 libros
|
* commit 34550856504a8deb7e9f25afaffb80807ecac713
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date:   Mon Oct 14 21:27:35 2024 +0200
|
|     primeros 3 libros
```

Fundamentos de Git II

1.g git log --graph --all

```
* commit 6517dc070d88622b4033fc9b4f555b42a6024a56 (HEAD -> test)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Tue Oct 15 10:58:12 2024 +0200
|
| anadido actrices
|
* commit 2cc4385d6a44f58a4502c31064aea5afdec6460 (origin/master, master)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Mon Oct 14 22:50:27 2024 +0200
|
| anadidos actores
```

1.i Incorporación cambios a rama test



```
EXPLORER
  ...
  S2R1
    actores.txt
    actrices.txt
    actrices.txt

TERMINAL
  GITLENS  PROBLEMS  PORTS  OUTPUT  DEBUG CONSOLE

create mode 100644 actrices.txt
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1> git log --graph --all
* commit 6517dc070d88622b4033fc9b4f555b42a6024a56 (HEAD -> test)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Tue Oct 15 10:58:12 2024 +0200
|
| anadido actrices
|
* commit 2cc4385d6a44f58a4502c31064aea5afdec6460 (origin/master, master)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Mon Oct 14 22:50:27 2024 +0200
|
| anadidos actores

PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1> git merge test
Updating 2cc4385..6517dc0
Fast-forward
 actrices.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 actrices.txt
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1>
```

```
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R1> git merge test
Updating 2cc4385..6517dc0
Fast-forward
 actrices.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 actrices.txt
```

1.n git log --graph --all

```
* commit 177b4c0bb36f2bf883ddb50a8fc28f5c39b4db34 (HEAD -> test2)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Tue Oct 15 11:14:19 2024 +0200
|
|     anadida actriz
|
* commit d5e9bf5a7d1859a24c721c0c45bc8cfefaec2a4c (master)
| / Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
|   Date: Tue Oct 15 11:09:23 2024 +0200
|
|     nueva actriz
|
* commit 6517dc070d88622b4033fc9b4f555b42a6024a56 (test)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Tue Oct 15 10:58:12 2024 +0200
|
|     anadido actrices
|
* commit 2cc4385d6a44f58a4502c31064aea5afdec6460 (origin/master)
| Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
| Date: Mon Oct 14 22:50:27 2024 +0200
|
|     anadidos actores
```

1.0 Conflicto

```
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R1> git merge test2
Auto-merging actrices.txt
CONFLICT (content): Merge conflict in actrices.txt
Automatic merge failed; fix conflicts and then commit the result.
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R1> git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   actrices.txt

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

```
1  Margot Robbie
2  Jennifer Lawrence
3  Emma Watson
   Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
4  <<<<<< HEAD (Current Change)
5  Demi Moore
6  =====
7  Rosario Dawson
8  >>>>>> test2 (Incoming Change)
9
```

3.q

```
* commit 5332ddf1c8be5da1b344aff9d443ff112c54c55e (HEAD -> master)
Merge: d5e9bf5 177b4c0
Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
Date: Tue Oct 15 11:22:29 2024 +0200

    conflicto ramas con actrices

* commit 177b4c0bb36f2bf883ddb50a8fc28f5c39b4db34 (test2)
Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
Date: Tue Oct 15 11:14:19 2024 +0200

    anadida actriz

* commit d5e9bf5a7d1859a24c721c0c45bc8cfefaec2a4c
Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
Date: Tue Oct 15 11:09:23 2024 +0200

    nueva actriz

* commit 6517dc070d88622b4033fc9b4f555b42a6024a56 (test)
Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
Date: Tue Oct 15 10:58:12 2024 +0200

    anadido actrices

* commit 2cc4385d6a44f58a4502c31064aea5afdecbb6460 (origin/master)
Author: CristinaPicazo <crisrina.picazo.merlos@gmail.com>
Date: Mon Oct 14 22:50:27 2024 +0200

    anadidos actores
```

3. Clonado S2R2-remoto

```
USUARIO@DESKTOP-AKFURIP MINGW64 /e/DAW/# 2 DAW 24-25/DWEC Desarrollo Web en Entorno Cliente/T1/S2R2
$ git clone https://github.com/CristinaPicazo/S2R2-remoto.git
Cloning into 'S2R2-remoto'...
remote: Enumerating objects: 22, done.
remote: Counting objects: 100% (22/22), done.
remote: Compressing objects: 100% (18/18), done.
remote: Total 22 (delta 2), reused 22 (delta 2), pack-reused 0 (from 0)
Receiving objects: 100% (22/22), 12.15 KiB | 888.00 KiB/s, done.
Resolving deltas: 100% (2/2), done.
```

3.c push a remoto

```
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 343 bytes | 343.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/CristinaPicazo/S2R2-remoto.git
6696ceb..222ecf6 master -> master
```

3.g Push de remoto

```
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git push
fatal: The current branch version1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin version1

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git push --set-upstream origin version1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348 bytes | 348.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'version1' on GitHub by visiting:
remote:   https://github.com/CristinaPicazo/S2R2-remoto/pull/new/version1
remote:
To https://github.com/CristinaPicazo/S2R2-remoto.git
 * [new branch]      version1 -> version1
branch 'version1' set up to track 'origin/version1'.
```

4.a Mostrar contenido

```
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> type directores.txt
Stanley Kubrick
Christopher Nolan
Steven Spielberg
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

4.c Mostrar contenido

```
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> type directores.txt
Stanley Kubrick
Christopher Nolan
Steven Spielberg
Terence Fisher
Martin Scorsese
PS E:\DAW\# 2 DAW 24-25\DWEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> git status
On branch version1
Your branch is up to date with 'origin/version1'.

nothing to commit, working tree clean
```


4.f Master a servidor

```
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R3\S2R2-remoto> git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/CristinaPicazo/S2R2-remoto.git
222ecf6..d82f7f9 master -> master
```

5.a Obtener cambios sin fusionar

```
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git status
On branch version1
Your branch is up to date with 'origin/version1'.

nothing to commit, working tree clean
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git fetch
From https://github.com/CristinaPicazo/S2R2-remoto
222ecf6..d82f7f9 master -> origin/master
```

```
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> type directores.txt
Stanley Kubrick
Christopher Nolan
Steven Spielberg
Terence Fisher
Martin Scorsese
```

5.b Actualizar 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)
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> type directores.txt
Stanley Kubrick
Christopher Nolan
Steven Spielberg
```

```
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> git pull
Updating 222ecf6..d82f7f9
Fast-forward
 directores.txt | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)
PS E:\DAW\# 2 DAW 24-25\DNEC Desarrollo Web en Entorno Cliente\T1\S2R2\S2R2-remoto> type directores.txt
Stanley Kubrick
Christopher Nolan
Steven Spielberg
Terence Fisher
Martin Scorsese
```

GitHub

4.e Comandos para quitar issues

```
> git add discos.txt  
> git commit -m "Añadir 3 discos close #3"
```

```
git add discos.txt  
git commit -m "Añadir 3 discos close #3"  
  
git add peliculas.txt  
git commit -m "Añadir 3 películas close #2"  
  
git push
```