

# Memoria AEA Git Ricardo Bendezú


1.

Creamos el repositorio

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)



Required fields are marked with an asterisk (\*).

Owner *	Repository name *
 ricardoceac ▾	/ repositorioAEA
✔ repositorioAEA is available.	

Great repository names are short and memorable. Need inspiration? How about [stunning-chainsaw](#) ?

Description (optional)

Respositorio para la AEA

- ☒  **Public**  
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**  
You choose who can see and commit to this repository.

Initialize this repository with:

- ☒ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

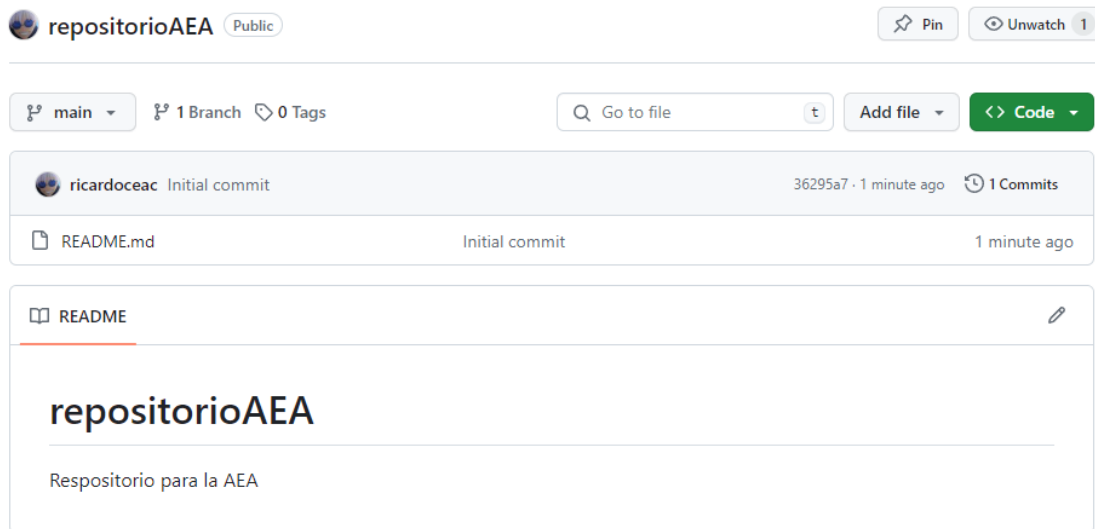
License: None ▾

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set  **main** as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository



Y lo clonamos en una carpeta local

```
MINGW64:/c/Users/RicardoBendezu-Alumn/Desktop/AEAGit
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~
$ cd Desktop/AEAGit

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ git clone https://github.com/ricardoceac/repositorioAEA.git
Cloning into 'repositorioAEA'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ |
```

2.

Generamos nuestros archivos

```
AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ touch README.md

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ touch index.html

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ touch styles.css

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit
$ cd repositorioAEA

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ ls
README.md  index.html  styles.css

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ |
```

Los añadimos y generamos el commit "Second commit"

```
AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ ls
README.md  index.html  styles.css

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git add README.md

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git add index.html

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git add styles.css

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git commit -m "Second commit"
[main d44a37e] Second commit
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
create mode 100644 styles.css

AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ |
```

Enseñamos el grafico

```
AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git log --graph
* commit d44a37ed146ddd0d46ec3a763a85aa2266748a0d (HEAD -> main)
| Author: Ricardo <rickybendezu324@gmail.com>
| Date: Tue Feb 6 08:38:42 2024 +0100
|
|     Second commit
|
* commit 36295a7d81f73aacbfdbdb575bf3860ffa25891e (origin/main, origin/HEAD)
| Author: ricardoceac <159001168+ricardoceac@users.noreply.github.com>
| Date: Tue Feb 6 08:33:47 2024 +0100
|
|     Initial commit
|
AzureAD+RicardoBendezu-A1umn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ |
```

Cambiamos el commit a "Second commit - Release"

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA
$ git log --graph
* commit 337af43644fab880f4b19b644a55cdb2a877c60 (HEAD -> main)
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 08:38:42 2024 +0100

    Second commit - Release

* commit 36295a7d81f73aacbfdbdb575bf3860ffa25891e (origin/main, origin/HEAD)
  Author: ricardoceac <159001168+ricardoceac@users.noreply.github.com>
  Date: Tue Feb 6 08:33:47 2024 +0100

    Initial commit
```

Añadimos un tag al commit

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git tag "v1.0.0" 337af43644fab880f4b19b644a55cdb2a877c60

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git log
commit 337af43644fab880f4b19b644a55cdb2a877c60 (HEAD -> main, tag: v1.0.0)
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 08:38:42 2024 +0100

    Second commit - Release
```

Enseñamos el commit con show

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git show 337af43644fab880f4b19b644a55cdb2a877c60
commit 337af43644fab880f4b19b644a55cdb2a877c60 (HEAD -> main, tag: v1.0.0)
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 08:38:42 2024 +0100

    Second commit - Release

diff --git a/index.html b/index.html
new file mode 100644
index 0000000..e69de29
diff --git a/styles.css b/styles.css
new file mode 100644
index 0000000..e69de29
```

Antes hemos enseñado el tree(ya estamos dentro del repositorio), y ahora enseñamos los blobs(no devuelven nada puesto que están vacíos)

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git show 337af43644fab880f4b19b644a55cdb2a877c60:index.html

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git show 337af43644fab880f4b19b644a55cdb2a877c60:styles.css
```

## Operación con ramas

a).

Volvemos al primer commit

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (main)
$ git checkout 36295a7d81f73aacbfdbdb575bf3860ffa25891e
Note: switching to '36295a7d81f73aacbfdbdb575bf3860ffa25891e'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 36295a7 Initial commit
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA ((36295a7...))
$
```

Generamos la rama section y generamos sus commits

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (section)
$ git log
commit e06a521547ae254f84fcddb042090b3005d0e10e (HEAD -> section)
Author: Ricardo <rickybendezu324@gmail.com>
Date: Tue Feb 6 09:03:06 2024 +0100

    commit section 2

commit bb2878c7ad385dfe0685c7ab125b99bb5b973855
Author: Ricardo <rickybendezu324@gmail.com>
Date: Tue Feb 6 09:02:50 2024 +0100

    commit section 1

commit 36295a7d81f73aacbfdbdb575bf3860ffa25891e (origin/main, origin/HEAD)
Author: ricardoceac <159001168+ricardoceac@users.noreply.github.com>
Date: Tue Feb 6 08:33:47 2024 +0100

    Initial commit
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (section)
$
```

Volvemos al segundo commit de section, generamos la rama homepage y creamos un commit dentro de ella

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA ((bb2878c...))
$ git branch homepage

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA ((bb2878c...))
$ git checkout homepage
Switched to branch 'homepage'
D      textoramal.txt
D      textosection.txt

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (homepage)
$ touch textohomepage.txt

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (homepage)
$ git add textohomepage.txt

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (homepage)
$ git commit -m "commit homepage"
[homepage 31cc83c] commit homepage
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 textohomepage.txt

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit/repositorioAEA (homepage)
$ git log
commit 31cc83c185be394fa7a78d3910f37b89716adcbb (HEAD -> homepage)
Author: Ricardo <rickybendezu324@gmail.com>
Date: Tue Feb 6 09:05:24 2024 +0100

    commit homepage
```

Eliminamos la rama section

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (homepage)
$ git branch -D section
Deleted branch section (was de23d48).
```

Vemos con Branch que hemos eliminado la rama section

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (homepage)
$ git branch
* homepage
main
```

#### 4. Fusion y conflictos

Nos aseguramos de que haya contenido diferente en homepage que en master

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ echo "hola buenas noches" >> index.html

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ echo "hola malas noches" >> styles.css

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ echo "hola normales noches" >> README.MD

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ git add index.html
warning: in the working copy of 'index.html', LF will be replaced by CRLF the next time Git touches it

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ git add styles.css
warning: in the working copy of 'styles.css', LF will be replaced by CRLF the next time Git touches it

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA ((da12c6f...))
$ git commit -m "cambios en homepage"
[detached HEAD 06472c2] cambios en homepage
3 files changed, 3 insertions(+)
create mode 100644 index.html
create mode 100644 styles.css
```

Hacemos el merge (solucionando los conflictos que puedan surgir), y lo enseñamos con un git log --graph

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (main)
$ git log --graph
* commit 52c9721bf846ae448621484da214073d67f1db3b (HEAD -> main)
  Merge: a9fec3d ec2d10b
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 09:37:16 2024 +0100

    Merge branch 'homepage'

* commit ec2d10b1542d72eb2ac8167d9f378a0adfcac065 (homepage)
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 09:36:42 2024 +0100

    archivos en homepage

* commit da12c6f70ab478fa5b6af3a0731768f2c494e932
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 09:14:55 2024 +0100

    commit homepage 1

* commit 665b29a7d13757fee0e6b02802c321e43cc268fd
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 09:13:10 2024 +0100

    commit section 1

* commit a9fec3d0096d101bcd89e5209cd8c6878f6d222e
  Author: Ricardo <rickybendezu324@gmail.com>
  Date: Tue Feb 6 09:11:40 2024 +0100

    commit master 1

* commit 36295a7d81f73aacbfdbdb575bf3860ffa25891e (origin/main, origin/HEAD)
  Author: ricardoceac <159001168+ricardoceac@users.noreply.github.com>
  Date: Tue Feb 6 08:33:47 2024 +0100

    Initial commit
```

## 5. Restablecimiento de rama y selección selectiva

Con el comando Cherry-pick, regeneramos el commit deseado de section y lo aplicamos en main, siendo esto un commit nuevo

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (main)
$ git cherry-pick de23d4857e9c9754391a701b85c4d6e7d15d3ac3
[main 1fd50c7] commit section 2
Date: Tue Feb 6 09:13:37 2024 +0100
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 textosection3.txt

AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (main)
$ git log
commit 1fd50c7f484814cd814810b988267f6533021d05 (HEAD -> main)
Author: Ricardo <rickybendezu324@gmail.com>
Date: Tue Feb 6 09:13:37 2024 +0100

    commit section 2
```

```
AzureAD+RicardoBendezu-Alumn@CEACFP10390 MINGW64 ~/Desktop/AEAGit2/repositorioAEA (main)
$ git log --graph --all
* commit 1fd50c7f484814cd814810b988267f6533021d05 (HEAD -> main)
| Author: Ricardo <rickybendezu324@gmail.com>
| Date: Tue Feb 6 09:13:37 2024 +0100
|
|     commit section 2
|
| * commit 52c9721bf846ae448621484da214073d67f1db3b
| \ Merge: a9fec3d ec2d10b
|  | Author: Ricardo <rickybendezu324@gmail.com>
|  | Date: Tue Feb 6 09:37:16 2024 +0100
|  |
|  |     Merge branch 'homepage'
|  |
|  | * commit ec2d10b1542d72eb2ac8167d9f378a0adfcac065 (homepage)
|  | | Author: Ricardo <rickybendezu324@gmail.com>
|  | | Date: Tue Feb 6 09:36:42 2024 +0100
|  | |
|  | |     archivos en homepage
|  | |
|  | * commit da12c6f70ab478fa5b6af3a0731768f2c494e932
|  | | Author: Ricardo <rickybendezu324@gmail.com>
|  | | Date: Tue Feb 6 09:14:55 2024 +0100
|  | |
|  | |     commit homepage 1
|  | |
|  | * commit 665b29a7d13757fee0e6b02802c321e43cc268fd
|  | | Author: Ricardo <rickybendezu324@gmail.com>
|  | | Date: Tue Feb 6 09:13:10 2024 +0100
|  | |
|  | |     commit section 1
|  | |
|  | * commit a9fec3d0096d101bcd89e5209cd8c6878f6d222e
|  | / Author: Ricardo <rickybendezu324@gmail.com>
|  | / Date: Tue Feb 6 09:11:40 2024 +0100
|  | /
|  | |     commit master 1
|  | |
|  | * commit 36295a7d81f73aacbfdbdb575bf3860ffa25891e (origin/main, origin/HEAD)
|  | | Author: ricardoceac <159001168+ricardoceac@users.noreply.github.com>
|  | | Date: Tue Feb 6 08:33:47 2024 +0100
|  | |
|  | |     Initial commit
```



