
CONTROL DE VERSIONES CON GIT

TRABAJO REALIZADO POR DAVID FERNÁNDEZ,
RUBÉN MARTÍNEZ Y DAVID ESTÉVEZ.

Enlace al repositorio

1. Rubén ha creado el repositorio en GitHub y ha invitado a Fernández y Estévez.
2. Estévez ha creado el workspace y le ha hecho un *push* al repositorio:

```
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git add .
warning: in the working copy of 'estudiosos/.gitignore', LF will be replaced by CRLF the next time Git touches it
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   estudiosos/.gitignore
        new file:   estudiosos/.project

PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git commit -m ".project"
[main 6ae56f5] .project
 2 files changed, 18 insertions(+)
 create mode 100644 estudiosos/.gitignore
 create mode 100644 estudiosos/.project
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 560 bytes | 560.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raiben2123/Repo1Actividad1
   8a3d605..6ae56f5  main -> main
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1>
```

3. Rubén y Fernandez han clonado el repositorio

```
PS C:\Users\estev\Documents\eclipse> git clone https://github.com/raiben2123/Repo1Actividad1
Cloning into 'Repo1Actividad1'...
warning: You appear to have cloned an empty repository.
PS C:\Users\estev\Documents\eclipse>
```

```
PS C:\Users\david\OneDrive\Escritorio\estudiosos> git clone https://github.com/raiben2123/Repo1Actividad1
Cloning into 'Repo1Actividad1'...
warning: You appear to have cloned an empty repository.
PS C:\Users\david\OneDrive\Escritorio\estudiosos> cd Repo1Actividad1
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git pull
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 426 bytes | 35.00 KiB/s, done.
From https://github.com/raiben2123/Repo1Actividad1
 * [new branch]      main       -> origin/main
 * [new branch]      develop    -> origin/develop
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git checkout develop
branch 'develop' set up to track 'origin/develop'.
Switched to a new branch 'develop'
```

4. Hemos creado la rama *develop* y la hemos hecho un *Ckeackout* a esta.

```
Windows PowerShell
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1\Repo1Actividad1> git branch develop
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1\Repo1Actividad1> git checkout develop
Switched to branch 'develop'
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1\Repo1Actividad1> git status
On branch develop
nothing to commit, working tree clean
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1\Repo1Actividad1> git branch
* develop
  main
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1\Repo1Actividad1>
```

5. Hemos creado cada uno un paquete y la clase correspondiente. Las hemos añadido de uno en uno al repositorio de GitHub.

```
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git add .
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git commit -m "package fernandez"
[develop d71ee9e] package fernandez
1 file changed, 13 insertions(+)
create mode 100644 estudiosos/src/fernandez/Fernandez.java
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git status
On branch develop
Your branch is ahead of 'origin/develop' by 2 commits.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1> git push
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 640 bytes | 640.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/raiben2123/Repo1Actividad1
8a3d605..d71ee9e develop -> develop
PS C:\Users\david\OneDrive\Escritorio\estudiosos\Repo1Actividad1>
```

6. Estévez ha realizado le *merge* a la rama *main*.

```
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git merge develop
Updating 6ae56f5..90d0af2
Fast-forward
 asdfh/.gitignore          | 1 +
 asdfh/.project            | 17 +++++
 estudiosos/src/estev/Estev.java | 10 +++++
 estudiosos/src/fernandez/Fernandez.java | 13 +++++
 estudiosos/src/ruben/Ruben.java | 13 +++++
 5 files changed, 54 insertions(+)
 create mode 100644 asdfh/.gitignore
 create mode 100644 asdfh/.project
 create mode 100644 estudiosos/src/estev/Estev.java
 create mode 100644 estudiosos/src/fernandez/Fernandez.java
 create mode 100644 estudiosos/src/ruben/Ruben.java
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git commit -m "merge de la rama develop a main"
On branch main
Your branch is ahead of 'origin/main' by 4 commits.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
PS C:\Users\estev\Documents\eclipse\Repo1Actividad1> git push
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raiben2123/Repo1Actividad1
6ae56f5..90d0af2 main -> main
```

Conclusiones grupales

Es una herramienta muy poderosa, pero hay que tener cuidado porque es fácil arruinar el trabajo de los demás si no se tiene cuidado. Habría sido mas sencillo si hubiésemos utilizado ramas distintas cada uno de los integrantes del grupo dado la tipología independiente de nuestros trabajos en este grupo.