



Universidad de Costa Rica

Escuela de Ingeniería Eléctrica

IE-0117 Programación Bajo Plataformas Abiertas

Laboratorio Git

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G. 01

```
christopher@ie0117:~/LaboratorioGit/gatosGit$ git merge feature
Auto-merging gatosGit/gatos.py
CONFLICT (content): Merge conflict in gatosGit/gatos.py
Automatic merge failed; fix conflicts and then commit the result.
```

Figura 6. Error al hacer merge entre repositorios

```
christopher@ie0117:~/LaboratorioGit/gatosGit$ git commit
[main 0b6eea4] Merge branch 'feature' into main
```

Figura 7. Merge feature en main

```
christopher@ie0117:~/LaboratorioGit/gatosGit$ git log --oneline --graph
* 0b6eea4 (HEAD -> main) Merge branch 'feature' into main
|
| * 89dc190 (feature) Se creó un gato3 llamado Gus, color azul y que tiene 5 años de edad.
| * 2825f8f Se cambió el nombre a gato1 (Remysn)
| * | 55fa915 Se cambió el nombre del gato1 en rama Main
| * | b887f3a Se cambió el nombre a gato1 desde la rama Main
|/
* 1640128 (origin/main, origin/feature, origin/HEAD) included gato2 and list printing
* c2b877a corrected mistakes
* d02a6d2 included gato1
* 7ab0adc included functions file
* a13fd08 first commit
```

Figura 8. Comando git log --oneline --graph

```
--graph
Draw a text-based graphical representation of the commit history on the left hand side of the
output. This may cause extra lines to be printed in between commits, in order for the graph
history to be drawn properly. Cannot be combined with --no-walk.

This enables parent rewriting, see History Simplification above.

This implies the --topo-order option by default, but the --date-order option may also be
specified.
```

Figura 9. Man --graph

```
--oneline
This is a shorthand for "--pretty=oneline --abbrev-commit" used together.
```

Figura 9. Man --oneline

PRETTY FORMATS

If the commit is a merge, and if the pretty-format is not oneline, email or raw, an additional line is inserted before the Author: line. This line begins with "Merge: " and the hashes of ancestral commits are printed, separated by spaces. Note that the listed commits may not necessarily be the list of the **direct** parent commits if you have limited your view of history: for example, if you are only interested in changes related to a certain directory or file.

There are several built-in formats, and you can define additional formats by setting a pretty.<name> config option to either another format name, or a format: string, as described below (see **git-config(1)**). Here are the details of the built-in formats:

- oneline

<hash> <title line>

This is designed to be as compact as possible.

Figura 10. Reseña oneline

```
christopher@ie0117:~/LaboratorioGit/gatosGit$ python3 gatos.py
Remy, 4 annos, color: negro
Gato3, 12 annos, color: verde
Pelusa, 3 annos, color: cafe
```

Figura 11 Resultado al correr gatos.py