

Nom: Bogdan

Issue ex15: <https://github.com/humtorus/issue>

Ex 16:

[Aquí pujo els jocs al servidor](#)

```
MINGW64:/c/Users/HSkelter/desktop/gitXevi/games

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games (master)
$ git add *

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games (master)
$ git commit -m "pujo els jocs"
[master a0d2e97] pujo els jocs
 2 files changed, 74 insertions(+)
 create mode 100644 jocs/GoChess.java
 create mode 100644 jocs/MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games (master)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 1.20 KiB | 617.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/humtorus/games.git
   0d4b726..a0d2e97  master -> master
```

Creo la branca buscamines, modifico un joc des de la mateixa branca, faig el commit i pujo els canvis al servidor.

```
HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git branch minesweeper

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git checkout minesweeper
Switched to branch 'minesweeper'

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ ls
GoChess.java  MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ vim GoChess.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git add *

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git commit -m "canvis al go de la branca minesweeper"
[minesweeper a0b7516] canvis al go de la branca minesweeper
1 file changed, 1 insertion(+)

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git push
fatal: The current branch minesweeper has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin minesweeper

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git push --set-upstream origin minesweeper
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 386 bytes | 386.00 KiB/s, done.
Total 4 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
remote:
remote: Create a pull request for 'minesweeper' on GitHub by visiting:
remote:   https://github.com/humtorus/games/pull/new/minesweeper
remote:
To https://github.com/humtorus/games.git
 * [new branch]      minesweeper -> minesweeper
Branch 'minesweeper' set up to track remote branch 'minesweeper' from 'origin'.
```

Torno a la branca master, modifico l'altre joc , afegeixo els canvis i faig el commit

```
HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ vim MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git add *

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git commit -m "canvis al joc des del master"
[master 1b9c43d] canvis al joc des del master
1 file changed, 1 insertion(+), 1 deletion(-)

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git log --graph --all
* commit 1b9c43dddb0e31637605590015f7f2dc76e0b89b (HEAD -> master)
```

Executo la comanda git log --graph --all la qual mostra els diferents commits de les diferents branques

```
H$kelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git log --graph --all
* commit 1b9c43dddb0e31637605590015f7f2dc76e0b89b (HEAD -> master)
  Author: Bogdan <voyager090577@gmail.com>
  Date: Tue Oct 8 00:32:03 2019 +0200

    canvis al joc des del master

* commit a0b75160919dddb28bf3f449e1a3f7ce05b6b753 (origin/minesweeper, minesweeper)
  Author: Bogdan <voyager090577@gmail.com>
  Date: Tue Oct 8 00:29:10 2019 +0200

    canvis al go de la branca minesweeper

* commit a0d2e9721916c7abd5c4836b8d956e52083d4bf1 (origin/master, origin/HEAD)
  Author: Bogdan <voyager090577@gmail.com>
  Date: Tue Oct 8 00:25:48 2019 +0200

    pujo els jocs

* commit 0d4b726a663244866c6d17a8674d61ce436d286a
  Author: Bogdan <voyager090577@gmail.com>
  Date: Tue Oct 8 00:23:37 2019 +0200

    v2

* commit f9f66c5c2ad1bc65af930c2cfff163afc1e10a5ad
  Author: Bogdan <voyager090577@gmail.com>
  Date: Mon Oct 7 15:46:26 2019 +0200

    Go i Escacs

* commit 2f1bc8ac6d3d30d0e7943c1b062256328124e3ae (pinball)
  Author: Bogdan <voyager090577@gmail.com>
  Date: Tue Oct 1 17:00:04 2019 +0200

    jocs

* commit feb3ad552cd21fc8060fbb93ee22cbf55b83c92d
  Author: humtorus <55887250+humtorus@users.noreply.github.com>
  Date: Tue Oct 1 16:52:01 2019 +0200

    Initial commit
```

Fusiono les branques

```
H$kelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git merge minesweeper
Merge made by the 'recursive' strategy.
jocs/GoChess.java | 1 +
1 file changed, 1 insertion(+)
```

Modifico el buscaminas des de la branca master , faig el commit i despres faig el mateix des de la branca buscaminas

```
HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ ls
GoChess.java  MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ vim MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git checkout minesweeper
error: Your local changes to the following files would be overwritten by checkout:
       jocs/MineSweeper.java
Please commit your changes or stash them before you switch branches.
Aborting

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git add *

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git commit -m "canvis al buscaminas"
[master 7992cb6] canvis al buscaminas
1 file changed, 1 insertion(+), 1 deletion(-)

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git checkout minesweeper
Switched to branch 'minesweeper'
Your branch is up to date with 'origin/minesweeper'.

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ vim MineSweeper.java

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git add *

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ git commit -m "canvis al buscaminas des de la branqueta"
[minesweeper 1f2248f] canvis al buscaminas des de la branqueta
1 file changed, 1 insertion(+), 1 deletion(-)

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (minesweeper)
$ |
```



Torno a la branca master, intento fusionar i em surt el conflicte, en la imatge següent el mostro.

```
HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (minesweeper)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 4 commits.
(use "git push" to publish your local commits)

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master)
$ git merge minesweeper
Auto-merging jocs/MineSweeper.java
CONFLICT (content): Merge conflict in jocs/MineSweeper.java
Automatic merge failed; fix conflicts and then commit the result.

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master|MERGING)
$ git mergetool
Merging:
jocs/MineSweeper.java

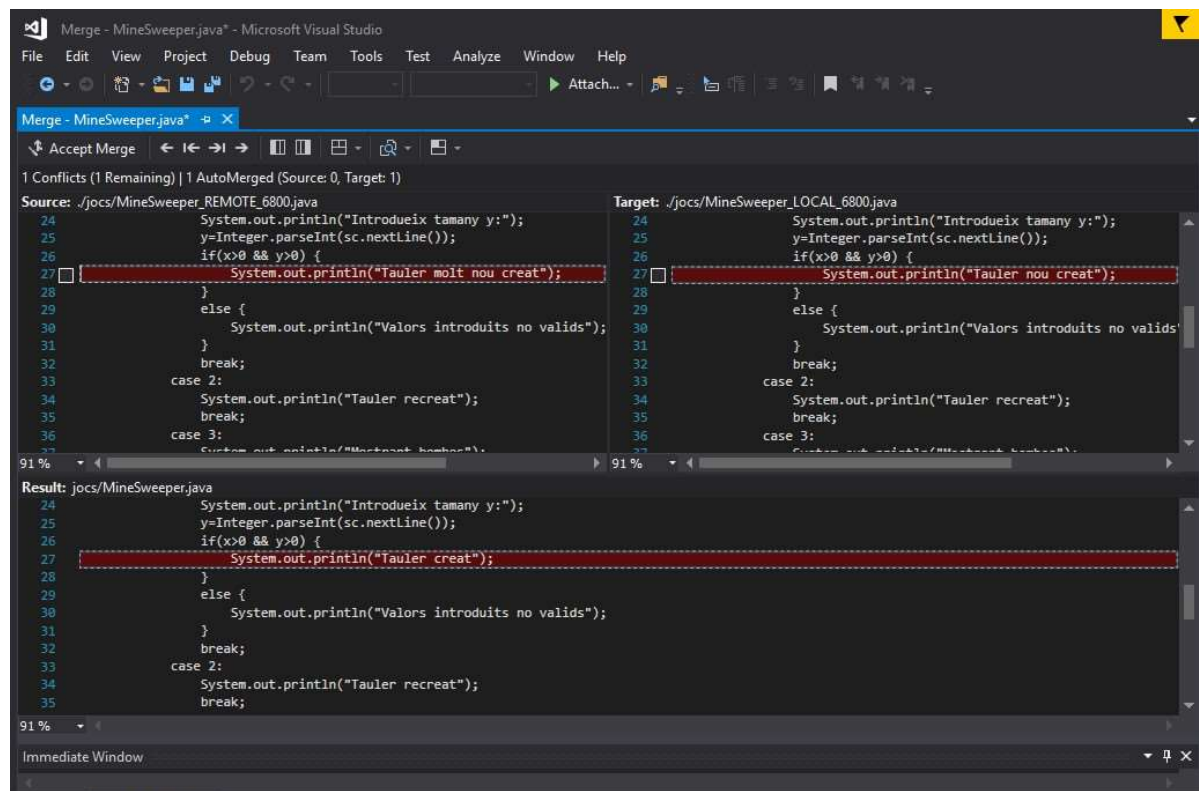
Normal merge conflict for 'jocs/MineSweeper.java':
  {local}: modified file
  {remote}: modified file
Hit return to start merge resolution tool (vsdiffmerge):

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master|MERGING)
$ git merge minesweeper
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master|MERGING)
$ git commit -m "merge conflict"
[master 6811792] merge conflict

HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master)
$ git merge minesweeper
Already up to date.

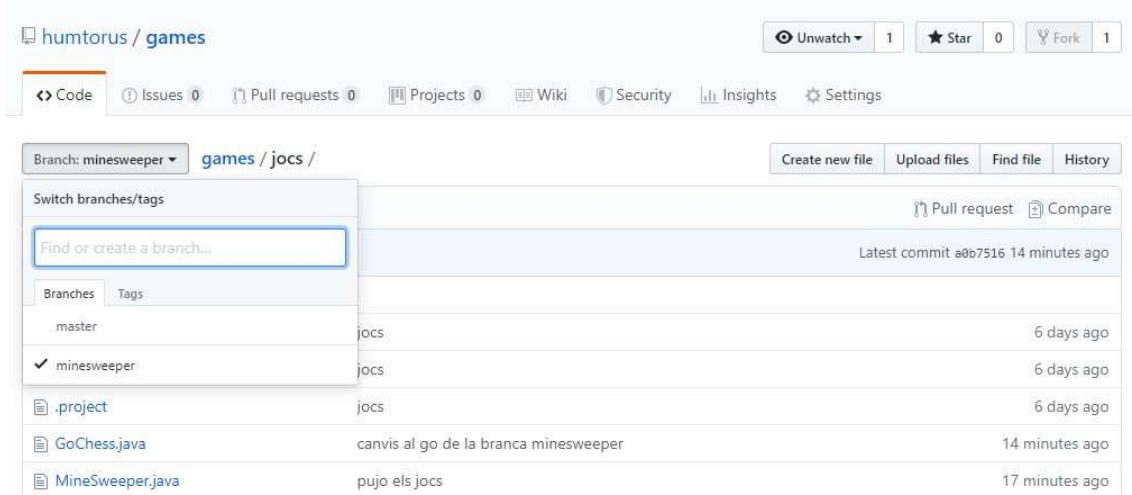
HSkelter@DESKTOP-34223C MINGW64 ~/desktop/gitXeVi/games/jocs (master)
$ |
```



## Mostro els commits de les diferents branques

```
$ git log --graph --all
*   commit 68117929be92aa899ff1686317d30bee4692a447 (HEAD -> master)
    | Merge: 7992cb6 1f2248f
    | Author: Bogdan <voyager090577@gmail.com>
    | Date: Tue Oct 8 00:40:29 2019 +0200
    |
    |     merge conflict
    |
    | *   commit 1f2248f58b639ddb19faf539ed5bfd72033a328b (minesweeper)
    |   | Author: Bogdan <voyager090577@gmail.com>
    |   | Date: Tue Oct 8 00:38:33 2019 +0200
    |   |
    |   |     canvis al buscamines des de la branqueta
    |   |
    |   | *   commit 7992cb6e2938d6faddc2e11cb87d228fc0c3d6
    |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   | Date: Tue Oct 8 00:37:47 2019 +0200
    |   |   |
    |   |   |     canvis al buscamines
    |   |   |
    |   |   | *   commit 650b705eb557f8b7ce7a23f6c9c25c20b19e5bbb
    |   |   |   | Merge: 1b9c43d a0b7516
    |   |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   |   | Date: Tue Oct 8 00:35:50 2019 +0200
    |   |   |   |
    |   |   |   |     Merge branch 'minesweeper'
    |   |   |   |
    |   |   |   | *   commit a0b75160919dddb28bf3f449e1a3f7ce05b6b753 (origin/minesweeper)
    |   |   |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   |   |   | Date: Tue Oct 8 00:29:10 2019 +0200
    |   |   |   |   |
    |   |   |   |   |     canvis al go de la branca minesweeper
    |   |   |   |   |
    |   |   |   |   | *   commit 1b9c43dddb0e31637605590015f7f2dc76e0b89b
    |   |   |   |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   |   |   |   | Date: Tue Oct 8 00:32:03 2019 +0200
    |   |   |   |   |   |
    |   |   |   |   |   |     canvis al joc des del master
    |   |   |   |   |   |
    |   |   |   |   |   | *   commit a0d2e9721916c7abd5c4836b8d956e52083d4bf1 (origin/master, origin/HEAD)
    |   |   |   |   |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   |   |   |   |   | Date: Tue Oct 8 00:25:48 2019 +0200
    |   |   |   |   |   |   |
    |   |   |   |   |   |   |     pujo els jocs
    |   |   |   |   |   |   |
    |   |   |   |   |   |   | *   commit 0d4b726a663244866c6d17a8674d61ce436d286a
    |   |   |   |   |   |   |   | Author: Bogdan <voyager090577@gmail.com>
    |   |   |   |   |   |   |   | Date: Tue Oct 8 00:23:37 2019 +0200
    |   |   |   |   |   |   |   |
    |   |   |   |   |   |   |   |     v2
```

Aqui ensenyo com la branca buscamines encara existeix



The screenshot shows the GitHub interface for the repository 'humtorus/games'. The 'minesweeper' branch is selected. The page displays a list of files and their commit history.

File	Commit	Time
Latest commit	a0b7516	14 minutes ago
GoChess.java	canvis al go de la branca minesweeper	14 minutes ago
MineSweeper.java	pujo els jocs	17 minutes ago
.project	jocs	6 days ago
minesweeper	jocs	6 days ago
master	jocs	6 days ago

I per ultim borro la branca buscamines del servidor.

```
H$kelter@DESKTOP-34223C MINGW64 ~/desktop/gitXevi/games/jocs (master)
$ git push -d origin minesweeper
To https://github.com/humtorus/games.git
- [deleted]          minesweeper
```