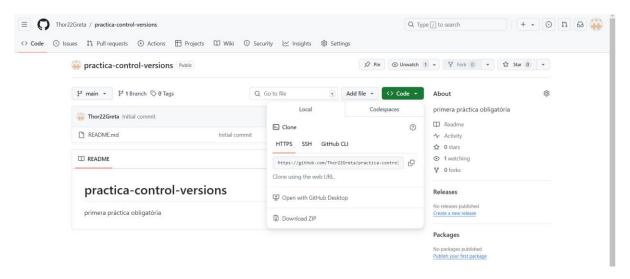
Pràctica 1

Sistemes de control de versions

Cree un repositori a GitHub anomena't "practica-control-version":



He fet git clone https://github.com/Thor22Greta/practica-control-versions.git

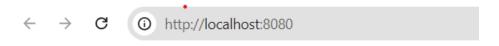
Implemente l'estructura inicial del projecte utilitzant el boilerplate del link:

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions (develop)

$ npx create-htm15-boilerplate new-site
- Downloading htm15-boilerplate version 'latest' to C:\Users\sheil\practica-cont rol-versions\new-site
? Select language English (en)
- Downloading htm15-boilerplate version 'latest' to C:\Users\sheil\practica-cont rol-versions\new-site

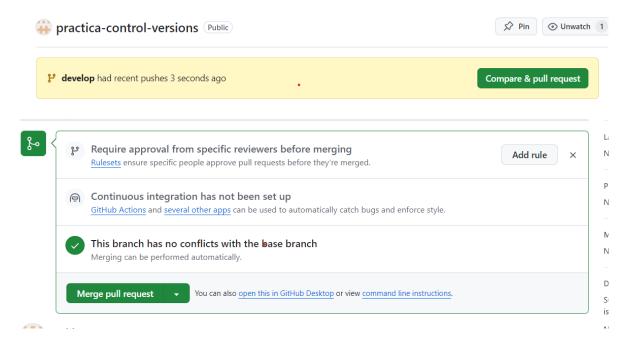
\[ \times \text{htm15-boilerplate@latest copied to C:\Users\sheil\practica-control-versions\new-site in 1.41 seconds . Have fun!
 ew-site in 1.41 seconds . Have fun!
 sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions (develop)
 cd new-site
 sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)
$ npm install
added 353 packages, and audited 354 packages in 15s
69 packages are looking for funding run `npm fund` for details
  low severity vulnerabilities
Some issues need review, and may require choosing a different dependency.
Run `npm audit` for details.
 sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)
 npm run start
   @0.0.1 start
  webpack serve --open --config webpack.config.dev.js
```

Aquesta és la primera vista que tenim:



Hello world! This is HTML5 Boilerplate.

He fet "git add ." i a continuació: "git commit -m "Usuari 1: Estructura inicial projecte "". I per últim, git push origin develop.



Faig merge.

Aquesta és la vista inicial de la web després de crear la seua estructura:



Curs Web: Interaccions amb JavaScript i HTML

- <u>Home</u>
- Modificar contenido HTML
- Modificar estilos CSS
- Modificar atributos HTML

Benvinguts al curs!!

Breu descripció del curs: En aquest curs aprendreu a manipular HTML amb JavaScript per crear interaccions dinàmiques en una pàgina web.

Footer de la pàgina

2024 - Curs Web: JavaScript i HTML

Modifique l'index.html, a continuació afegisc els canvis, faig commit i push:

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

* develop
main

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

$ git add .
warning: in the working copy of 'new-site/index.html', LF will be replaced by CRLF the next time Git touches it

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

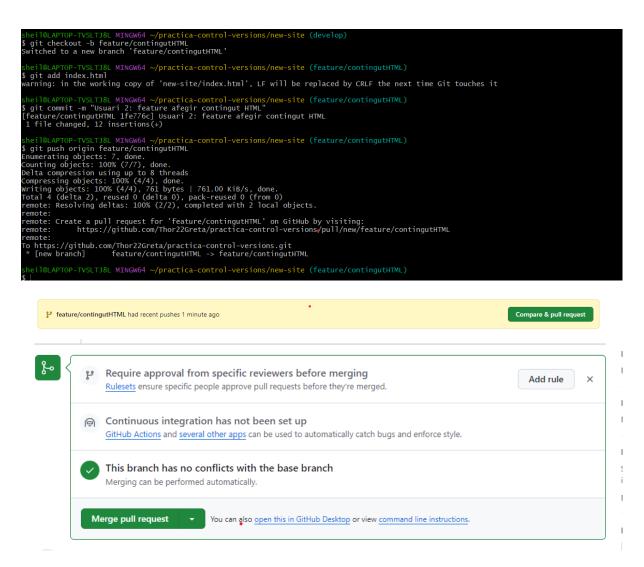
$ git commit - m "Usuari 1: Modificació index.html

I file changed, 37 insertions(+), 9 deletions(-)

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

$ git push origin develop
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compression using up to 8 threads
Compression objects: 100% (4/4), done.
Writing objects: 100% (4/4), l.05 KiB | 1.05 MiB/s, done.
Total 4 (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/Thor22Greta/practica-control-versions.git
3518ebe..80fcd8c develop -> develop
```

Accepte modificacions:



Faré els merges després tots junts a la branca develop.

Aquest és el segon feature que ha de crear l'usuari 2. Faig "git add, git commit i git push":

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

§ git checkout -b feature/atributsHTML'

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/atributsHTML)

§ git add index.html

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/atributsHTML)

§ git commit -m "Usuari 2: feature afegir atributs HTML"

[feature/atributsHTML 92108d0] Usuari 2: feature afegir atributs HTML

1 file changed, 23 insertions(+)

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/atributsHTML)

§ git push origin feature/atributsHTML

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 942 bytes | 942.00 KiB/s, done.

Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

remote: Create a pull request for 'feature/atributsHTML' on GitHub by visiting:

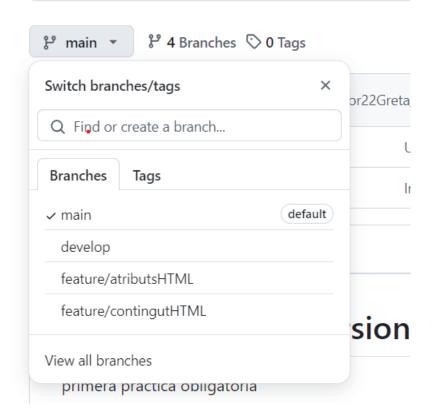
remote: Create a pull request for 'feature/atributsHTML' on GitHub by visiting:

remote: https://github.com/Thor22Greta/practica-control-versions.git

* [new branch] feature/atributsHTML -> feature/atributsHTML
```

Compare & pull request

Mostre totes les branques creades al projecte:



Amb l'usuari 3 cree la branch de feature/estilsCSS. Faig "git add, git commit i git push":

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

$ git checkout -b feature/estilsCSS
Switched to a new branch 'feature/estilsCSS'
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/estilsCSS)

$ git add index.html

$ sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/estilsCSS)

$ git commit -m "Usuari 3: feature afegir estils CSS"

[feature/estilsCSS e8ade6d] Usuari 3: feature afegir estils CSS
1 file changed, 17 insertions(+), 1 deletion(-)

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (feature/estilsCSS)

$ git push origin feature/estilsCSS
Enumerating objects: 100% (7/7), done.

Delta compression using up to 8 threads
Compression using up to 8 threads
Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), done.

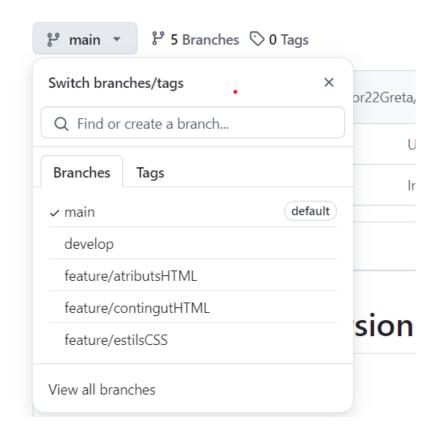
Writing objects: 100% (4/4), 770 bytes | 770.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

remote: Create a pull request for 'feature/estilsCSS' on GitHub by visiting:
remote: https://github.com/Thor22Greta/practica-control-versions/pull/new/feature/estilsCSS
remote:

To https://github.com/Thor22Greta/practica-control-versions.git
* [new branch] feature/estilsCSS -> feature/estilsCSS
```

```
Feature/estilsCSS had recent pushes 2 seconds ago
Compare & pull request
```

Torne a mostrar les branques per a comprovar la creació d'una nova:



Torne a la branca "develop" per a fer les "merge" de les 3 branques "feature".

He de resoldre els conflictes a cada merge:

```
Aceptar cambio actual | Aceptar cambio e
49
            <!-- Modificar contenido HTML -->

                 Aquest exemple utilitza JavaScript per canviar el contingut d'un element HTML quan es fa clic en un botó. Utilitzem la funció
                <code>getElementById()</code> per seleccionar l'element amb l'ID "demo" i després modificar el seu contingut.
           <!-- Modificar atributos HTML --> <section id="modificar-atributs-html">
61
62
              63
64
65
67
              </hutton>
69
               <h3>Explicació:</h3>
                 En aquest exemple, utilitzem JavaScript per canviar el valor de l'atribut <code>href</code> d'un enllaç HTML i
el seu text quan es fa clic en un botó.
71
                La funció <code>setAttribute()</code> permet modificar qualsevol atribut d'un element HTML, i la propietat <code>innerHTML</code> permet modificar el text visible d'un element.
75
76
       >>>>> feature/atributsHTML (Cambio entrante)
```

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop|MERGING)

$ git add index.html

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop|MERGING)

$ git commit -m "Usuari 3: fix resolt conflicte atributs HTML"

[develop f7caed8] Usuari 3: fix resolt conflicte atributs HTML

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (develop)

$ git merge feature/estilsCSS

Auto-merging new-site/index.html

CONFLICT (content): Merge conflict in new-site/index.html

Automatic merge failed; fix conflicts and then commit the result.
```

Continue amb la resolució de conflictes:

```
<<<<< HEAD (Cambio actual)
   <!-- Modificar contenido HTML -->
   <section id="modificar-contenido-html">
    <h2>Modificar Contenido HTML</h2>
    JavaScript pot canviar el contingut d'aquest paràgraf.
    cbutton type="button" onclick='document.getElementById("demo").innerHTML = "Hola JavaScript!"'>Fes clic per canviar el contingut
    <h3>Explicació:</h3>
      Aquest exemple utilitza JavaScript per canviar el contingut d'un element HTML quan es fa clic en un botó. Utilitzem la funció
      <code>getElementById()</code> per seleccionar l'element amb l'ID "demo" i després modificar el seu contingut.
   <!-- Modificar atributos HTML -->
   <section id="modificar-atributs-html">
    <h2>Modificar Atributos HTML</h2>
    Canviar l'atribut i el text de l'enllaç
  <!-- Modificar estils CSS -->
   <section id="modificar-estils-css">
    <h2>Modificar Estils CSS</h2>
    Aquest és un exemple de com JavaScript pot canviar els estils d'un element HTML:
    <button type="button" onclick="document.getElementById('demo').style.fontSize='35px'">
      Canvia el tamany de la font
>>>>> feature/estilsCSS (Cambio entrante)
    </button>
```

Després de fer merge de les tres features que tenia creades, he fet "git checkout main" i "git merge develop". A continuació m'ha donat error per no fer un pull abans.

He fet un pull i després "git push origin develop".

```
SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (main)

$ git tag -a vl.0 -m "Release vl.0: Inclou les noves funcionalitats"

$ heilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (main)

$ git push origin main

To https://github.com/nor/2Greta/practica-control-versions/new-site (main)

To https://github.com/nor/2Greta/practica-control-versions/new-site (main)

To https://github.com/nor/2Greta/practica-control-versions/new-site (main)

To https://github.com/nor/2Greta/practica-control-versions/new-site (main)

### Additional to push some refs to 'https://github.com/nhor/2Greta/practica-control-versions.git'

hint: by dates were rejected because the remote contains work that you do not

hint: hint: be colly. This is usually caused by another repository pushing to

hint: be same ref. If you want to integrate the remote changes, use

hint: see the Note about fast-forwards' in 'git push --help' for details.

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (main)

$ git checkout develop

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (develop)

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (develop)

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (develop)

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions

### Branch

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (develop)

### SheilBLAFTOP-TYSLTJBL MINGW64 ~/practica-control-versions/new-site (main)

### SheilBLAFTOP-T
```

A continuació, he fet un git push del tag:

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (main)

$ git push origin v1.0

Enumerating objects: 1, done.

Counting objects: 100% (1/1), done.

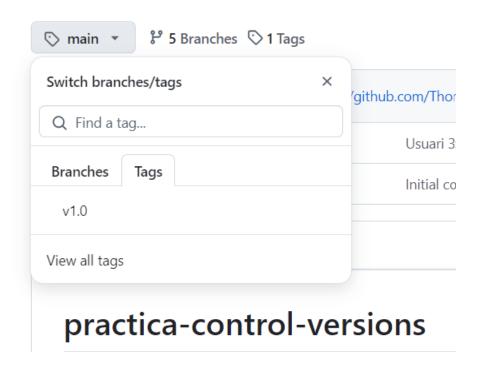
Writing objects: 100% (1/1), 184 bytes | 184.00 KiB/s, done.

Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

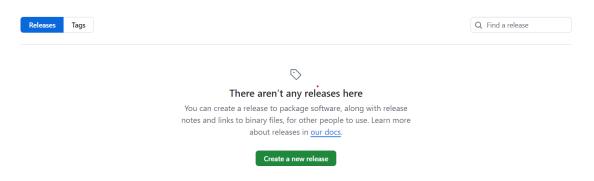
To https://github.com/Thor22Greta/practica-control-versions.git

* [new tag] v1.0 -> v1.0
```

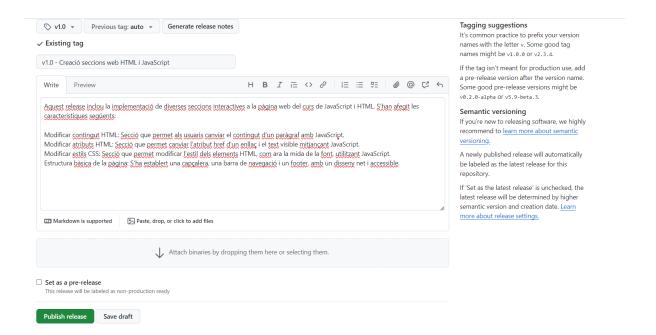
Ací podem comprovar que s'ha pujat el tag:



Creació de la release:



Cree la release amb el títol del tag i una descripció:



Millore un poc la secció de continguts creada per l'usuari 2. Afegisc un exemple a cada secció:

```
49
          <!-- Modificar contenido HTML -->
          <section id="modificar-contenido-html">
51
            <h2>Modificar Contenido HTML</h2>
           JavaScript pot canviar el contingut d'aquest paràgraf.
<button type="button" onclick='document.getElementById("demo-content").innerHTML = "Hola JavaScript!"'>Fes clic
52
53
54
             per canviar el contingut</button>
55
            <h3>Explicació:</h3>
            Aquest exemple utilitza JavaScript per canviar el contingut d'un element HTML quan es fa clic en un botó.
56
             Utilitzem la funció <code>getElementById()</code> per seleccionar l'element amb l'ID "demo-content" i després
57
58
              modificar el seu contingut.
59
60
            <h3>Exemple addicional:</h3>
            Contingut original d'aquesta secció.
61
62
            cbutton type="button"
63
              onclick='document.getElementById("additional-content").innerHTML = "Contingut actualitzat!"'>Actualitza el
64
              contingut</button>
65
          </section>
66
67
          <!-- Modificar atributos HTML -->
68
          <section id="modificar-atributs-html">
69
            <h2>Modificar Atributos HTML</h2>
            cypAquest és un enllaç: <a id="myLink" href="https://www.google.com">Visita Google</a>
cbutton type="button" onclick='changeLink()'>Canviar l'atribut i el text de l'enllaç</button>
70
71
72
            <h3>Explicació:</h3>
73
            < aquest exemple, utilitzem JavaScript per canviar l'atribut <code>href</code> d'un enllaç HTML i el seu text
              quan es fa clic en un botó. La funció <code>setAttribute()</code> permet modificar qualsevol atribut d'un
74
              element HTML, i la propietat <code>innerHTML</code> permet modificar el text visible d'un element.
75
76
77
            <h3>Exemple addicional:</h3>
            cp>Aquest és un altre enllaç: <a id="myImageLink" href="https://www.example.com">Visita Example</a>
78
            <button type="button" onclick='changeImageLink()'>Canviar l'atribut href i el text d'aquest enllaç</putton>
79
81
```

Modifique el css per a que una imatge aparega com a fons de la capçalera:

```
82
83
    /* -----
     Author's custom styles
84
85
87
    /* Estilo para la cabecera con imagen de fondo */
89
     background-image: url('../img/image.png');
     background-size: cover;
90
91
     background-position: center;
     height: 200px;
92
     color: □white;
93
94
     display: flex;
95
     align-items: center;
     justify-content: center;
96
97
     text-align: center;
98
99
```

Aquesta es la visualització:



Finalment cree el hotfix de les millores, creant una nova branca.

Faig "git add" a l'index, el css i la imatge.

He creat un nou commit, un push i un pull.

```
sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (hotfix/milloresV_1_0)

§ git commit -m "Usuari 1: hotfix millores exemples i css"
[hotfix/milloresV_1_0 516e53c] Usuari 1: hotfix millores exemples i css

3 files changed, 47 insertions(+), 29 deletions(-)
create mode 100644 new-site/img/image.png

sheil@LAPTOP-TVSLTJ8L MINGW64 ~/practica-control-versions/new-site (hotfix/milloresV_1_0)

§ git push origin hotfix/milloresV_1_0
Enumerating objects: 14, done.

Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (8/8), 208.25 KiB | 20.82 MiB/s, done.
Total 8 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
remote:
remote: Create a pull request for 'hotfix/milloresV_1_0' on GitHub by visiting:
remote: https://github.com/Thor22Greta/practica-control-versions/pull/new/hotfix/milloresV_1_0

* [new branch] hotfix/milloresV_1_0 -> hotfix/milloresV_1_0
```

hotfix/milloresV_1_0 had recent pushes 1 second ago

Compare & pull request

Afegisc a antoni-gimenez com a col·laborador:

