

MT01 - Introducción al diseño web / git-github

FAB
LAB
BCN

¿QUÉ VA A PASAR ESTAS DOS SEMANAS?

Y PORQUÉ TODO ES INTERESANTE

27 Set	28 Set	29 Set	30 Set	03 Oct	04 Oct	05 Oct	06 Oct	07 Oct
MARTES	MIÉRCOLES	JUEVES	VIERNES	LUNES	MARTES	MIÉRCOLES	JUEVES	VIERNES
MAIN HALL M1 INTRODUCCIÓN A LOS FAB LABS. - Intro Fablabbcn - Intro a los programas - Tour Fablabbcn	MAIN HALL M2 INTRODUCCIÓN A FAB CITY - Presentación Tomas - Showcase - Tour Poblenou	303 M3 EXPLORANDO FUTUROS EMERGENTES - Mariana - Atlas cards - Debugging	IVI4 - Impresión 3d fabricación aditiva	IVI4 - Introducción arduino / programación	IVI4 - Diseño y producción de circuitos - milling cnc	IVI4 - Control numérico computarizado - router cnc	IVI5 IVI5	IVI5 IVI5
Score - Academy room	303 IVI4 - Introducción al diseño web (herramientas digitales)	IVI4 - Diseño 2d - Diseño 3D	IVI4 - Corte láser controlado por computadora	Academy room IVI4	IVI4 - Introducción arduino / programación	IVI4 - Diseño y producción de circuitos - milling cnc	IVI4 - Control numérico computarizado - router cnc	IVI5 IVI5
				Academy room IVI4	IVI4 - Introducción arduino / programación	IVI4 - Diseño y producción de circuitos - milling cnc	IVI4 - Control numérico computarizado - router cnc	IVI5 IVI5
				Makeademy - Big meeting room				CESIRE MAIN HALL

QUIEN ERES Y PORQUÉ ESTÁS AQUÍ.

Cuéntanos cual es tu nombre, tu background
y que esperas conseguir estas dos semanas.

HABILIDADES

DISEÑO WEB

DISEÑO 2D

DISEÑO 3D

CORTE LÁSER

IMPRESIÓN 3D

ESCANADO 3D

ARDUINO PROGRAMACIÓN

DISEÑO Y PRODUCCIÓN DE CIRCUITOS

ROUTER CNC

MOLDING AND CASTING

AUTOEVALUACIÓN COMO TE EVALUAS EN:

Puntúa desde 1 a 5 puntos en cada ítem.

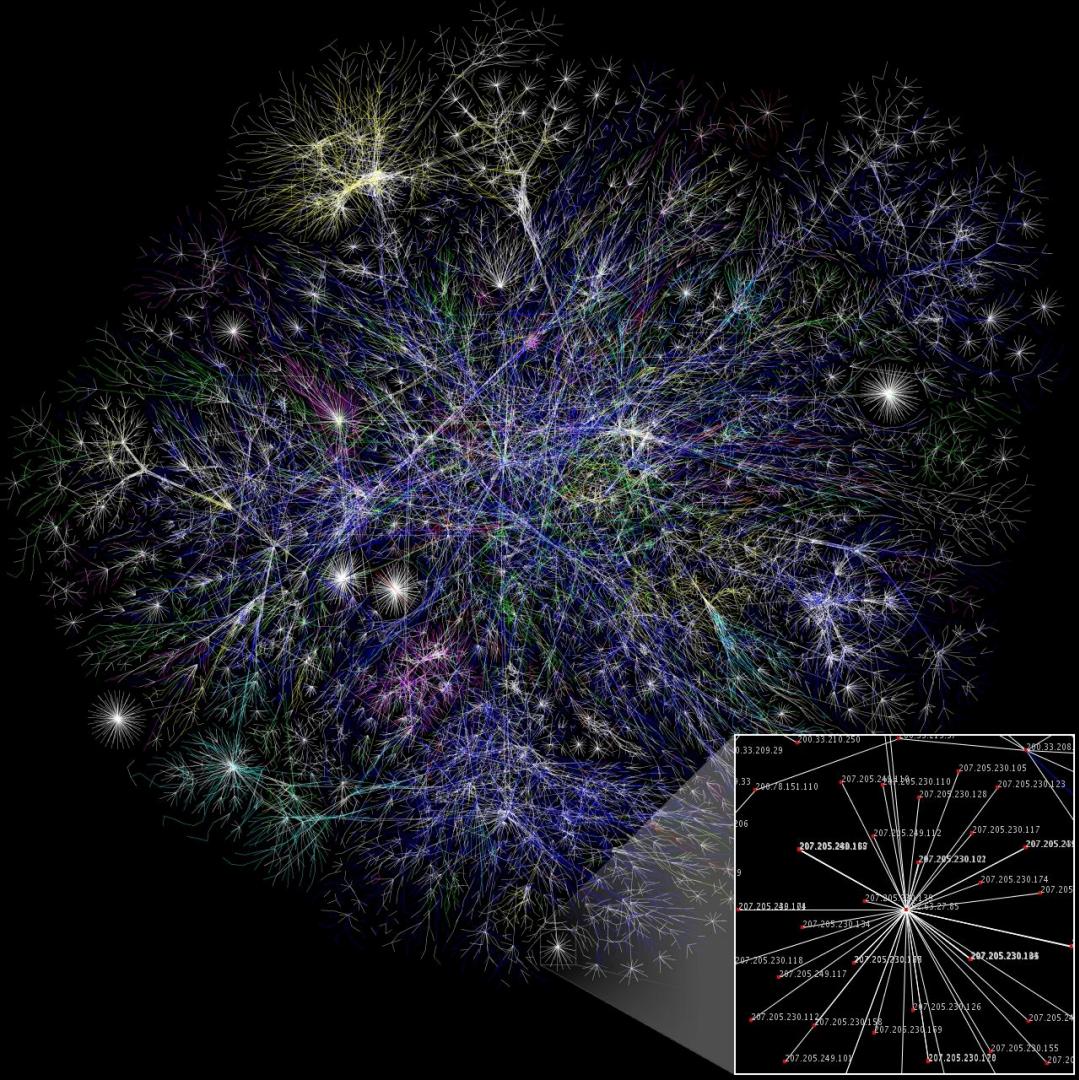
MP01 - Proyecto Innovador		
MASTER CLASS	14/09	8 a 930hs

MT01 Introducción al diseño web		
MASTER CLASS	21/09	8 a 930hs
Proyecto Innovador Review	28/09	8 a 930hs

Clase 21/09:

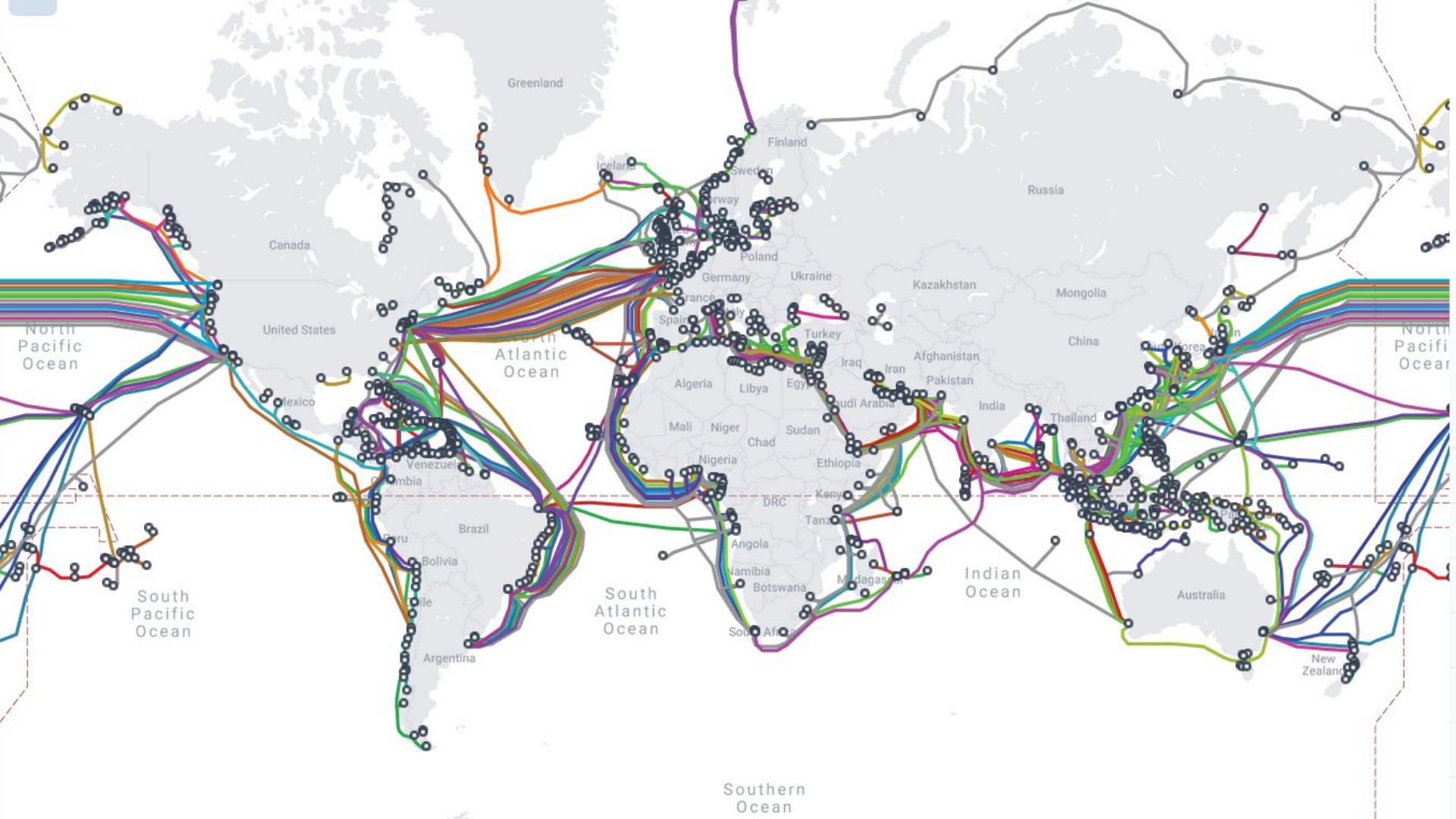
- **Presentación MT01 - Introducción a
diseño web con GIT**
- **Q&A - conversation**
- **RETO**

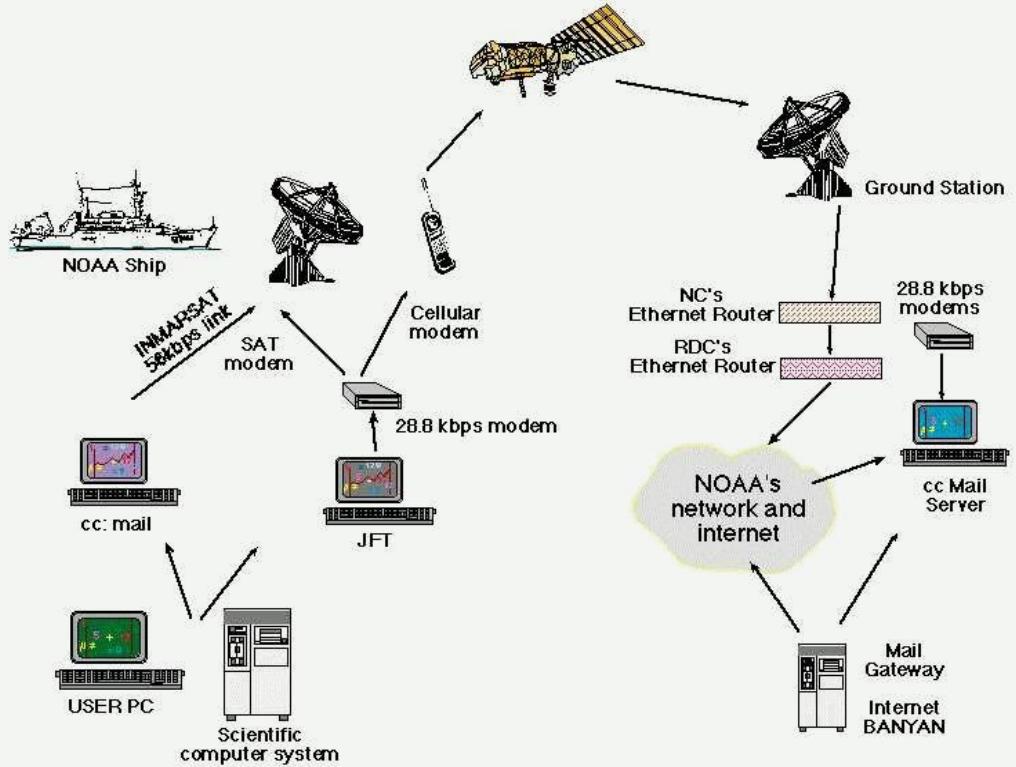
WORLD WIDE WEB



MAP OF THE INTERNET

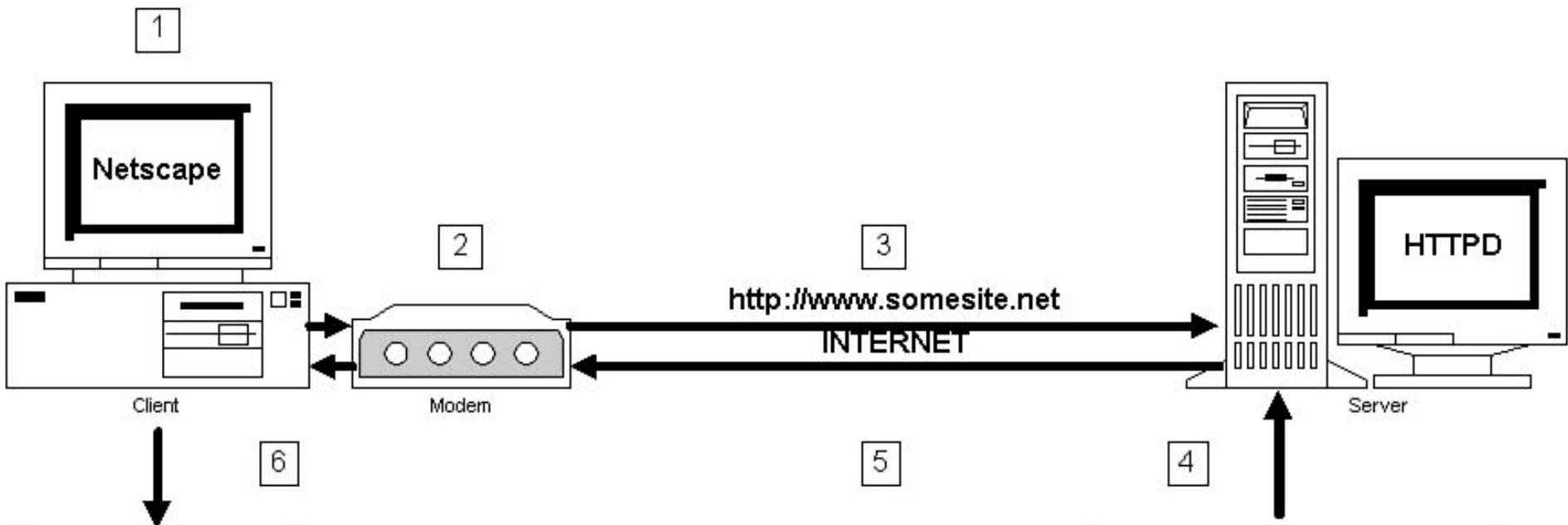
La nube es el ordenador de otro.





WORLD WIDE WEB WAS BORN IN

January 1, 1983



How the Web Works

Greetings!
Welcome to our site.

Somesite on the Net

We hope that you will find
everything you're looking
for...

<H1>Greetings!</H1>
<H2>Welcome to our site</H2>

We hope that you will find
everything you're looking for...



HTTP PROTOCOLS REQUEST SYSTEMS

En la web, los clientes, como un navegador, por ejemplo, se comunican con los distintos servidores web con ayuda del protocolo HTTP, el cual regula cómo ha de formular sus peticiones el cliente y cómo ha de responder el servidor. El

Version control systems (vcs - Protocols)

Central VCS Server



Version Database



Version 3



Version 2



Version 1

Checkout



File

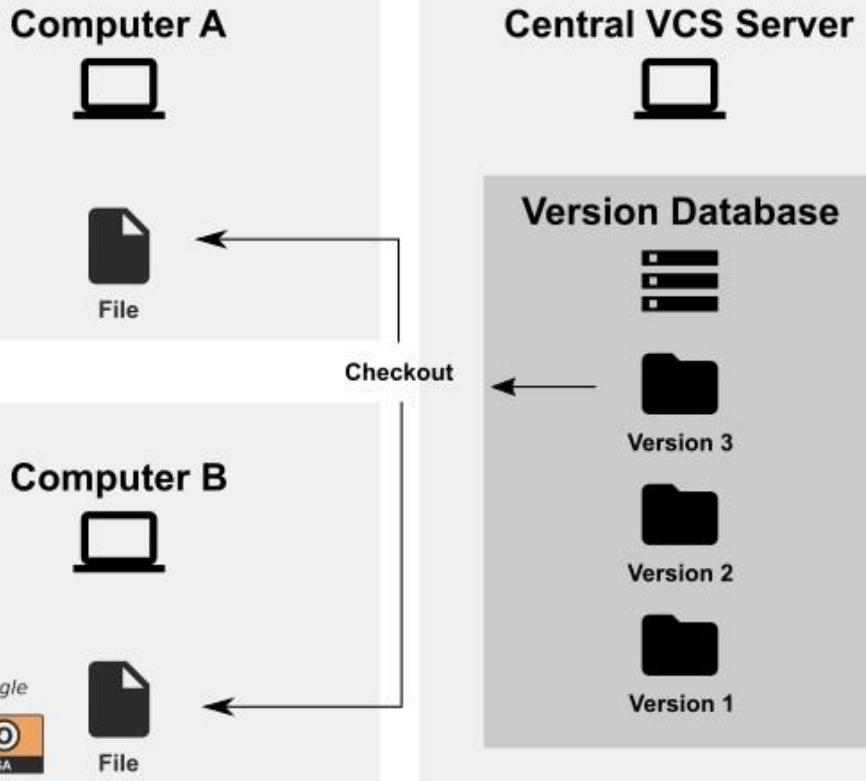
LOCAL VERSION CONTROL SYSTEMS

There different solution to version control the file you create. The first one act directly on your computer, for instance Windows call it file history.

Matthieu
Borgognon

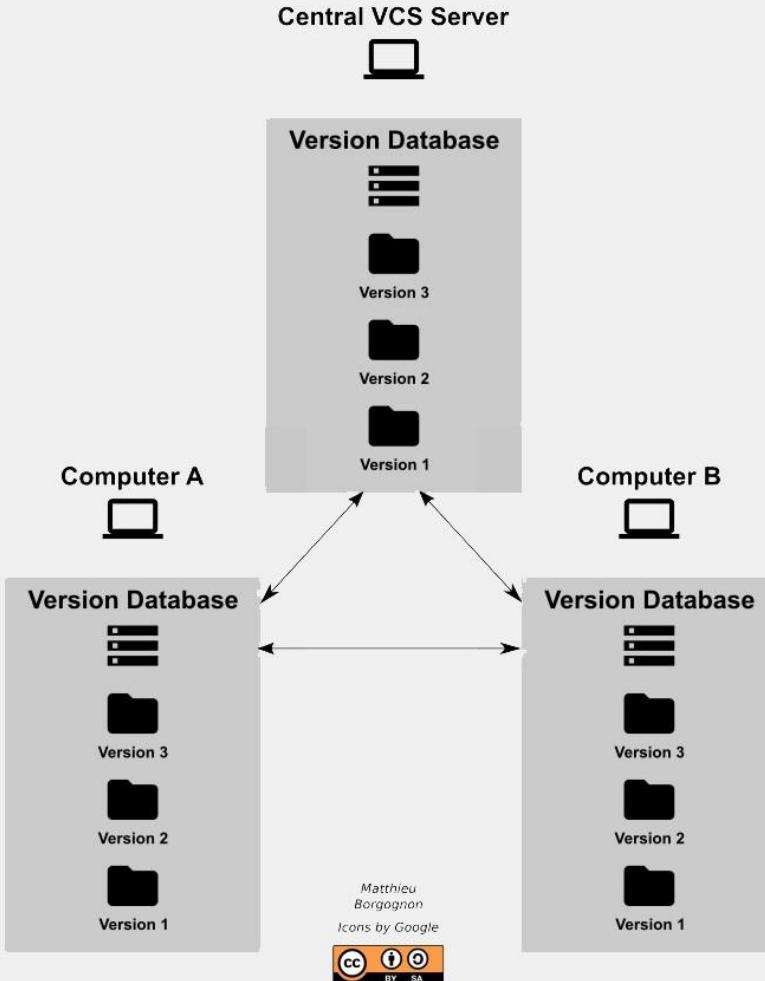
Icons by Google





CENTRALIZED VERSION CONTROL SYSTEMS

The second solution consist on a centralized server which will act as a security guard. In fact it control the checkouts and check-in and host all the data centralized



DISTRIBUTED VERSION CONTROL SYSTEMS

This method consist of a distributed and 'live' update of the files on the servers but at the same time for the computers:

Git fue creado por Linus Torvalds, creador del sistema operativo Linux, con la ayuda de la comunidad de desarrollo de Linux y se lanzó en 2005. La creación de Git se impulsó después de que la relación entre la comunidad de desarrollo de Linux y luego DVCS, BitKeeper, se agrió. Linus, con la ayuda de la comunidad de desarrollo de Linux, se propuso crear un nuevo DVCS que abrazara los ideales del código abierto y pudiera administrar proyectos grandes y pequeños de manera eficiente.

GIT'S HISTORY MAJOR PROTOCOL OF DVS

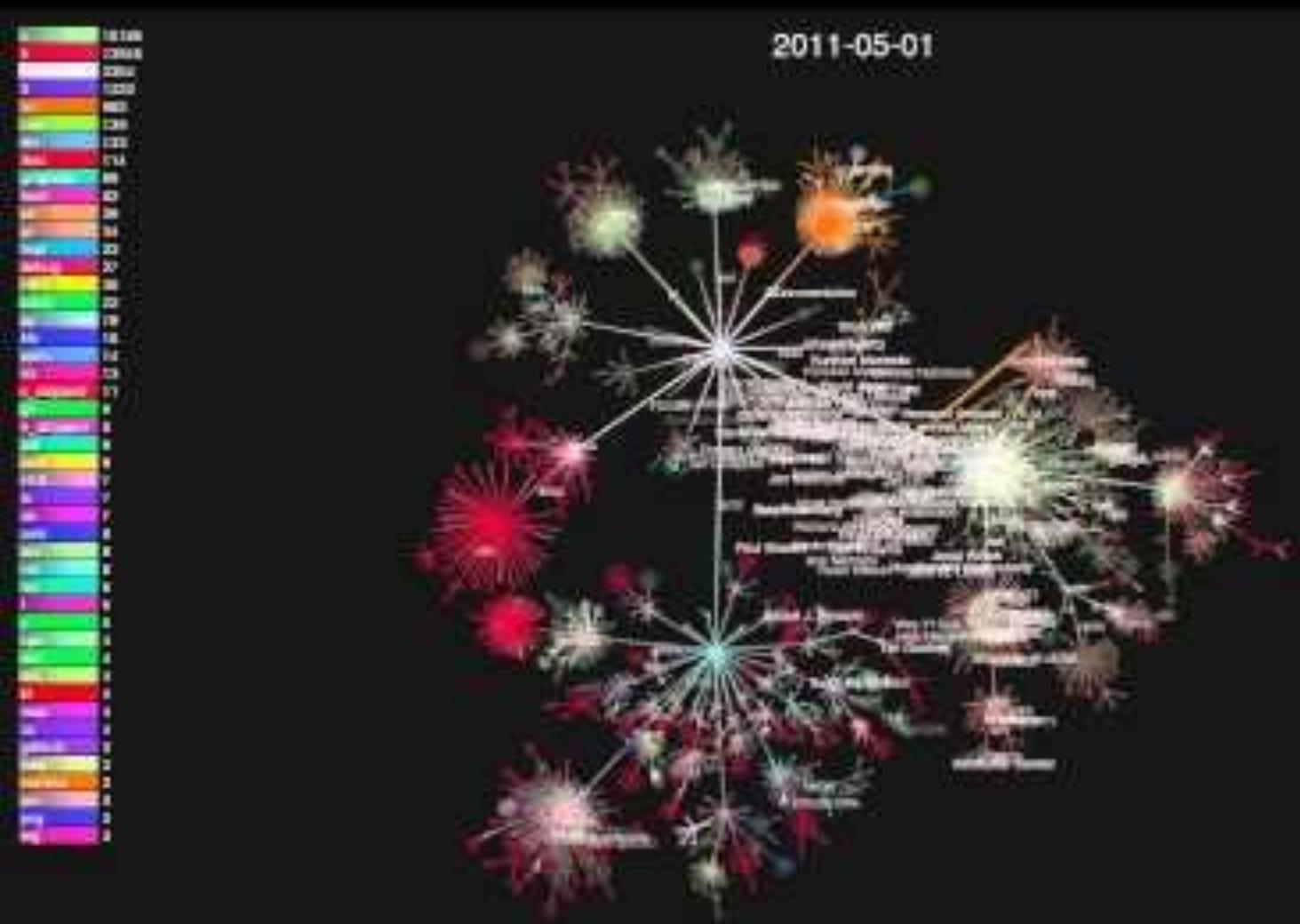
- Speed**
- Simple design**
- Strong support for non-linear development (branches)**
- Fully distributed**
- Ability to manage large projects efficiently**



git

GIT is
**GLOBAL
INFORMATION
TRACKER**

**Como se ve trabajar de
forma colaborativa?**



**VALE...PERO COMO ES
REALMENTE?**

GIT COMMAND LINE

- Same commands
- Simple code
- Strong support
- Ability to manage everything
- Full git capabilities

```
MINGW64:/c/Users/matbgn/dev/fabacademy2017
matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (develop)
$ git push
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
writing objects: 100% (3/3), 393 bytes | 0 bytes/s, done.
Total 3 (delta 1), reused 0 (delta 0)
To git@git.fabacademy.org:fabacademy2017/at3flo.git
  e5b93dc..a0563bd  develop -> develop

matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (develop)
$ git checkout master
switched to branch 'master'
Your branch is up-to-date with 'origin/master'.

matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (master)
$ git pull
Already up-to-date.

matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (master)
$ git merge develop
Merge made by the 'recursive' strategy.
students/3/assets/img/01/checkoutDevelop.jpg      | Bin 0 -> 43729 bytes
students/3/assets/img/01/checkoutMbwebsite.jpg    | Bin 0 -> 33399 bytes
students/3/assets/img/01/mergeMbwebsite.jpg       | Bin 0 -> 40552 bytes
students/3/assets/img/01/pullDevelop.jpg          | Bin 0 -> 37276 bytes
students/3/assets/img/01/pullMbwebsite.jpg        | Bin 0 -> 82801 bytes
students/3/assets/img/01/versionNumbers.svg      | 207 ++++++-----+
students/3/assets/img/01/workingDirectory.jpg     | Bin 0 -> 20605 bytes
students/3/index.html                            | 113 +-----+---+
8 files changed, 295 insertions(+), 25 deletions(-)
create mode 100644 students/3/assets/img/01/checkoutDevelop.jpg
create mode 100644 students/3/assets/img/01/checkoutMbwebsite.jpg
create mode 100644 students/3/assets/img/01/mergeMbwebsite.jpg
create mode 100644 students/3/assets/img/01/pullDevelop.jpg
create mode 100644 students/3/assets/img/01/pullMbwebsite.jpg
create mode 100644 students/3/assets/img/01/versionNumbers.svg
create mode 100644 students/3/assets/img/01/workingDirectory.jpg

matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (master)
$ git push
Counting objects: 2, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
writing objects: 100% (2/2), 277 bytes | 0 bytes/s, done.
Total 2 (delta 1), reused 0 (delta 0)
To git@git.fabacademy.org:fabacademy2017/at3flo.git
  98cf2a1..b4af533  master -> master

matbgn@MNB7100040-MSP MINGW64 ~/dev/fabacademy2017 (master)
```

at3flo master

Viewing 2/2 Show All Filter (Ctrl + Alt + f)

LOCAL 1/1
master 1 ↗

REMOTE 1/1
origin
master

TAGS 0/0

SUBMODULES 0

WIP Explanation

Added git flow image 12 hours ago

Finished kraken + explained how to clone locally

Uploaded the favicon ID 3 TODO : Debug yesterday

Changed the index starting point

Updated the 01 principles and practices, project management

Started the tiddler about GIT

Started the tiddly wik with about mei (ID 3)

Initial Hello world index file 2 days ago

Linked the more link with specific students

Added Id numbers in front of students

adding students

Modified Médéric description

Added basics infos of the crew 3 days ago

Created a basic template based on bootstrap 3

initial import 6 days ago

search commits

WIP Explanation

matbgn authored 1/27/2017 @ 10:44 AM commit: fae1b4 parent: 4041a4

1 modified 1 added

Name	Full Path
+ students/3/assets/img/gitWIP.png	
...	students/3/index.html

100% FREE

at3flo mboWebsite

Viewing 12/12 Show All Filter (Ctrl + Alt + f)

LOCAL 4/4

- develop
- master
- mboWebsite**
- mdbWebsite

REMOTE 4/4

TAGS 4/4

- 0.2
- 0.1.2
- 0.1.1
- 0.1

SUBMODULES 0

Unstaged Files (0)

Staged Files (0)

Commit Message

Summary

Description

Stage files/changes to commit

search commits

100%

Feedback

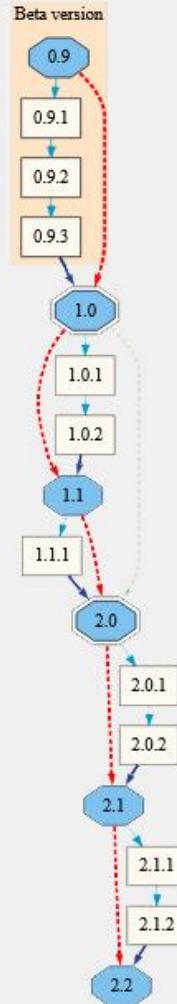
FREE

Commits (12)

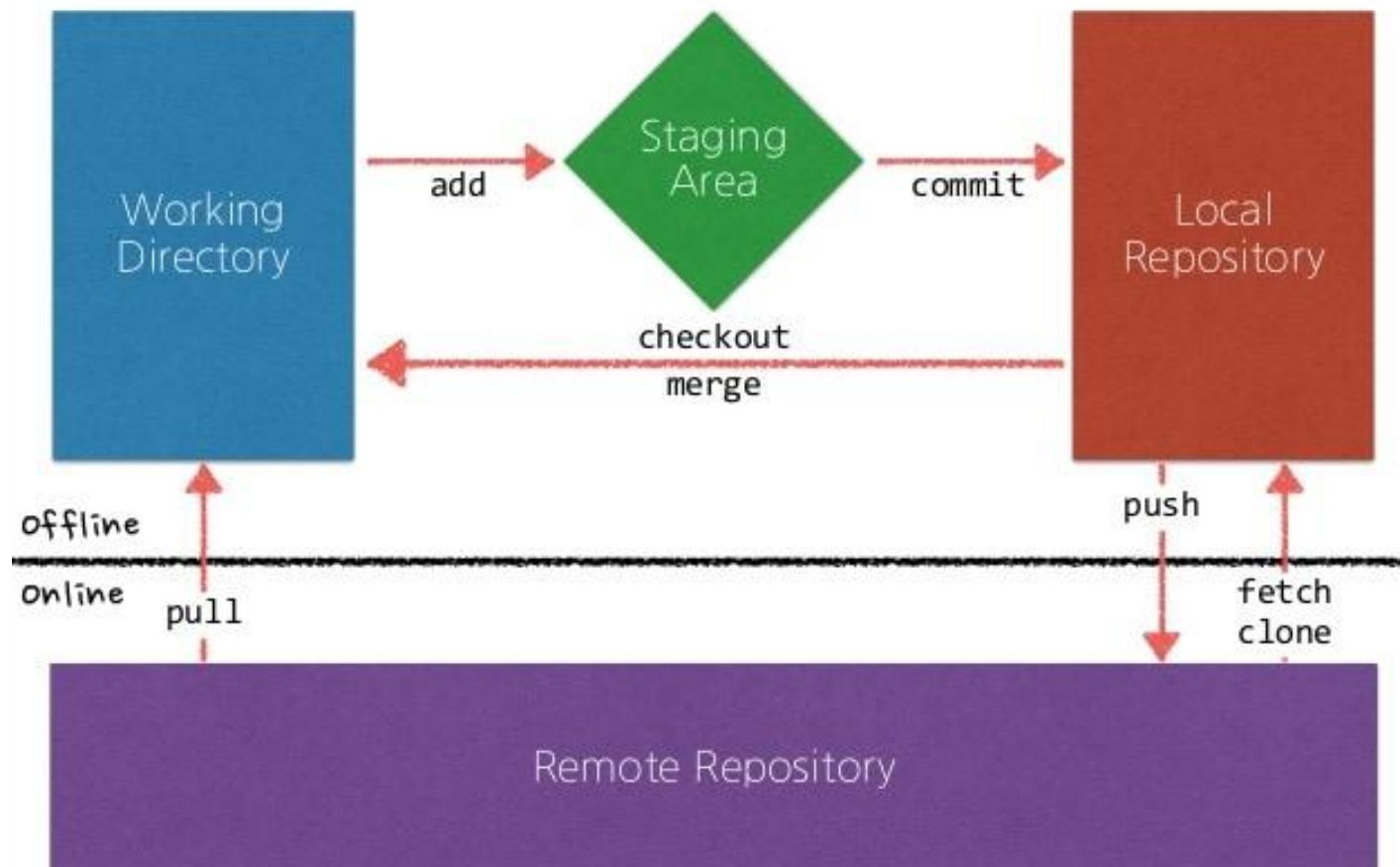
- mboWebsite** Ticked all the assignments tasks for week 01
- master +1 Merged develop into master
- develop Merged mboWebsite into develop
- 0.1.2 Finished the presentation of MBO's final project
- 0.1.2 Merged develop into master
- 0.1.2 Merged mboWebsite into develop
- 0.1.2 Added the introduction part
- 0.1.2 Added the Seymour part from Neil class
- 0.1.1 Merged develop into master 1 hour ago
- 0.1.1 Merged mboWebsite into develop
- 0.1.1 Added breitenberg + scratch + sumobot ideas
- 0.1.1 Added the beginning of final project description
- 0.1.1 Merged mboWebsite into develop 3 hours ago
- 0.1.1 Small ordering on instructor part in Git tiddler
- 0.1.1 Added the protected branches part
- 0.1 Merged develop into master
- 0.1 Merged mdbWebsite into develop
- 0.1 Added a voided file on student ID 160
- 0.1 Merged mboWebsite into develop
- 0.1 Changed the Git part concerning only instructors
- 0.1 Removed student ID 109 (void)
- 0.1 Added the description of MBO's personal website
- 0.1 Changed the appearance of the wiki
- 0.1 Added a final image for the Fab Lab site 12 hours ago
- 0.1 Added images for the first site
- 0.1 Modified the Git part (git flow now separate) and added the fi...
- 0.1 Small space fix
- 0.1 Added MDB motivations and small modifications on MBO's

GIT'S BIBLE

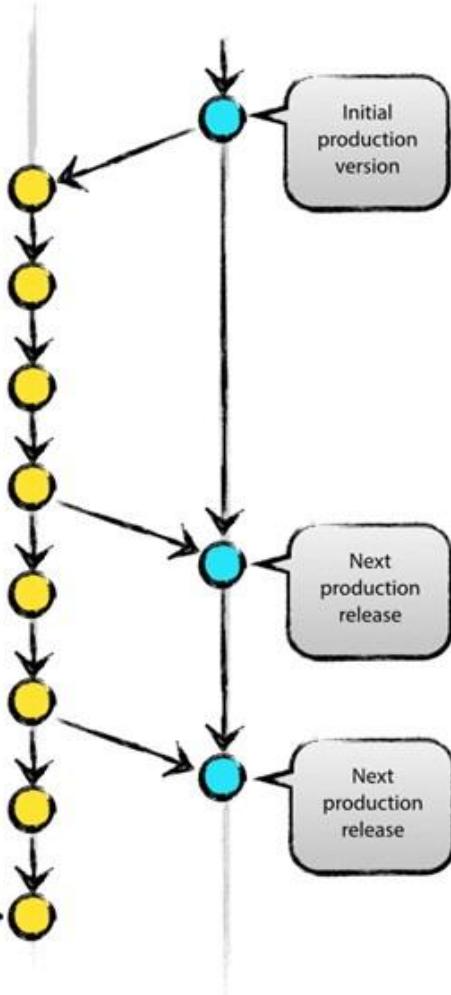
1. **Checkout to the feature branch [OK]**
2. **Pull the latest job from repository [OK]**
3. **Checkout to the develop branch [OK]**
4. **Pull the latest job from repository [OK]**
5. **Merge the feature branch [OK]**
6. **Push the merging results**
7. **Checkout to the master branch**
8. **Pull the latest job from repository**
9. **Merge the develop branch**
10. **Push the merging results**



GIT Structure



develop master

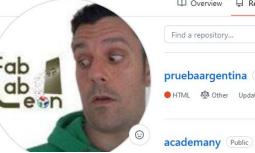


GIT'S FLOW

Git flow is something important to understand but I will not go deeper there, visit this site if you want more information explained very well <http://nvie.com/posts/a-successful-git-branching-model/>

Comenzar a trabajar con GITHUB

Entra en la web github.com y crea una cuenta.



Dentro de tu cuenta, crea un repositorio

Owner * eltercerlugar / Repository name * mirepositorio ✓

Great repository names are short and memorable. Need inspiration? How about [ideal-palm-tree](#)?

Description (optional)

 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:

Skip this step if you're importing an existing repository.

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

Add .gitignore

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

.gitignore template: None ▾

Choose a license

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

License: None ▾

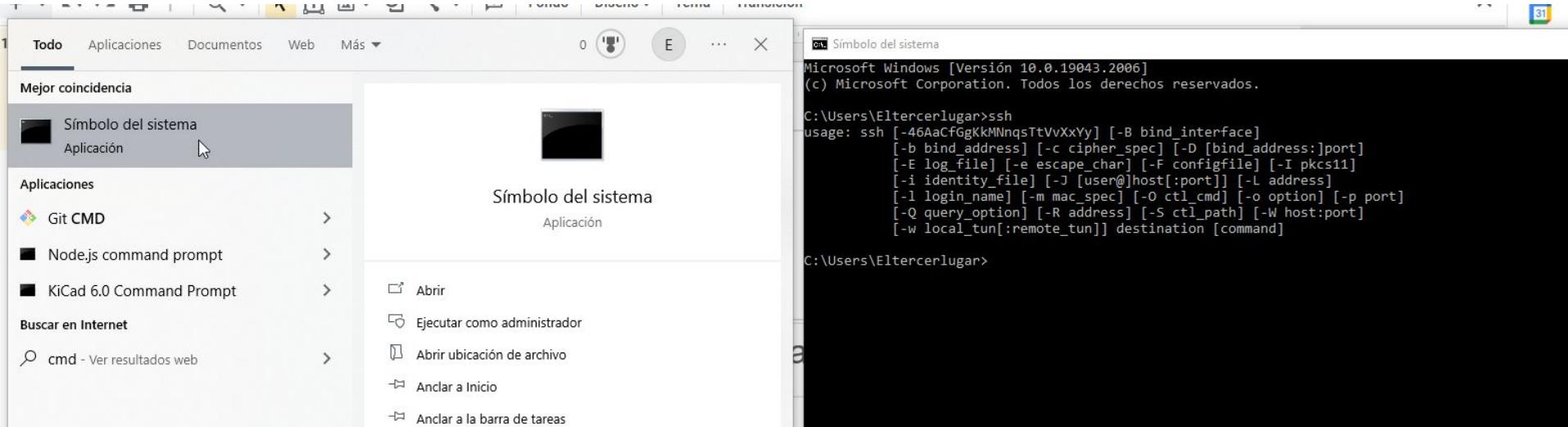
This will set  main as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

[Create repository](#)

Crear una contraseña SSH para añadir a Github

<https://docs.github.com/es/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>



[All products](#)

Authentication

Account security

Secure your account with 2FA

Connect with SSH

About SSH

Check for existing SSH key

Generate new SSH key

Add a new SSH key

Test your SSH connection

SSH key passphrases

Solucionar problemas de SSH

Verify commit signatures

Troubleshoot verification

cualquier algoritmo de firma. Las llaves RSA que se generaron después de esta fecha deberán utilizar un algoritmo de firma de tipo SHA-2. Algunos clientes más antiguos podrían necesitar actualizarse para poder utilizar firmas de tipo SHA-2.

1 Abra Git Bash.

2 Paste the text below, substituting in your GitHub email address.

```
$ ssh-keygen -t ed25519 -C "your_email@example.com"
```

Note: If you are using a legacy system that doesn't support the Ed25519 algorithm, use:

```
$ ssh-keygen -t rsa -b 4096 -C "your_email@example.com"
```

This creates a new SSH key.

```
C:\Users\Eltercerlugar>ssh
> Generating public key
usage: ssh [-46AcfGgKMNnqsTtVvXxYy] [-B bind_interface]
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
          [-i identity_file] [-J [user@]host[:port]] [-L address]
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
          [-w local_tun[:remote_tun]] destination [command]
```

3 When you're prompted for a file name, press Enter to accept the default file location.

```
C:\Users\Eltercerlugar>ssh-keygen -t ed25519 -C "your_email@example.com"
```

```
C:\Users\Eltercerlugar>ssh-keygen -t ed25519 -C "██████████"
Generating public/private ed25519 key pair.
Enter file in which to save the key (C:\Users\Eltercerlugar/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\Eltercerlugar/.ssh/id_ed25519.
Your public key has been saved in C:\Users\Eltercerlugar/.ssh/id_ed25519.pub.
The key fingerprint is:
████████████████████████████████████████████████████████████████
```

The key's randomart image is:



Recuerda la
contraseña que
pongás en esta
clave SSH.
Importante!

```
C:\Users\Eltercerlugar>cd .ssh  
C:\Users\Eltercerlugar\.ssh>ls  
id_ed25519  id_ed25519.pub  id_rsa  id_rsa.pub  id_rsa_bkp  id_rsa_bkp.pub  known_hosts  putty-p  
C:\Users\Eltercerlugar\.ssh>type id_ed25519
```



Pablo Nuñez

Your personal account

Switch to another account ▾

Go to...

Public profile

Account

Appearance

Accessibility

Notifications

Access

Billing and plans

Emails

Password and authentication

SSH and GPG keys



Organizations

Moderation

Code, planning, and automation

Repositories

SSH keys / Add new

Title

portatil

Key type

Authentication Key

Key

Begins with 'ssh-rsa', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', 'ecdsa-sha2-nistp521', 'ssh-ed25519', 'sk-ecdsa-sha2-nistp256@openssh.com', or 'sk-ssh-ed25519@openssh.com'

Add SSH key

Todo

Aplicaciones

Documentos

Web

Más ▾

0



E

...

X

Mejor coincidencia



Git Bash

Aplicación



Buscar en Internet

- gitbash - Ver resultados web >
- git bash >
- gitbash windows10 >
- git bash download >
- git bash here >



Git Bash

Aplicación

- Abrir
- Ejecutar como administrador
- Abrir ubicación de archivo

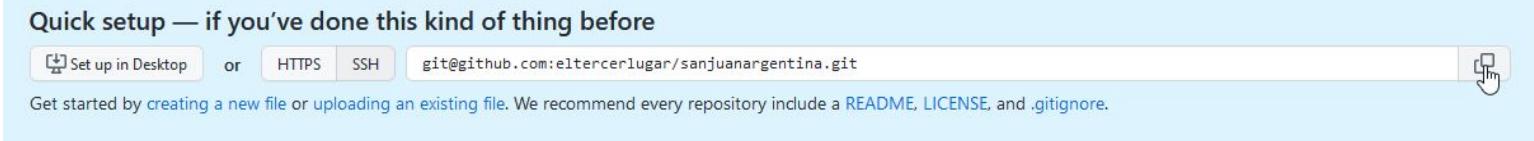
Comandos GITBASH

pwd : carpeta de trabajo actual

cd directorio: cambiar de directorio

CREAR LA PRIMERA COPIA DE UN REPO (CLONE)

git clone



```
Eltercerlugar@DESKTOP-G29ARUT MINGW64 ~/Desktop/github/prueba-sanjuan
$ git clone git@github.com:eltercerlugar/sanjuanargentina.git
Cloning into 'sanjuanargentina'...
The authenticity of host 'github.com (140.82.121.3)' can't be established.
ECDSA key fingerprint is SHA256:p2QAMXNIC1TJYWeiOttRvc98/R1BUFwu3/LiyKgUFQM.
Are you sure you want to continue connecting (yes/no)? y
Please type 'yes' or 'no': yes
Warning: Permanently added 'github.com,140.82.121.3' (ECDSA) to the list of known hosts.
Enter passphrase for key '/c/Users/Eltercerlugar/.ssh/id_ed25519':
warning: You appear to have cloned an empty repository.

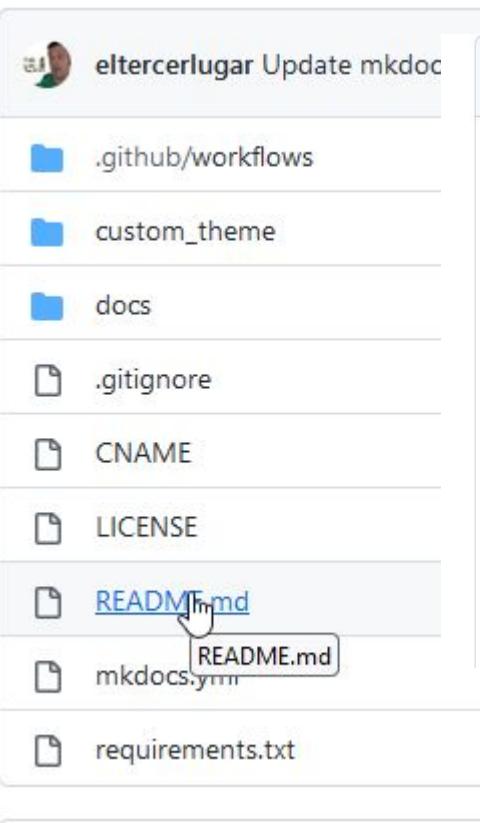
Eltercerlugar@DESKTOP-G29ARUT MINGW64 ~/Desktop/github/prueba-sanjuan
$ |
```



“Mantra” para actualizar un repositorio de Github

- 1) Introduce o modifica los ficheros en el working directory local
- 2) git pull
 - a) Comprueba que tienes la última versión del repo
- 3) git add .
 - a) Añade a la lista de modificación todos los ficheros que son diferentes, no existen o han desaparecido (borrado)
- 4) git status
 - a) Comprueba los cambios anteriores (buscar errores)
- 5) git -m “texto que me indique que cambio”
- 6) git push

Cambiar un fichero desde github



19 lines (10 sloc) | 234 Bytes

Raw Blame Edit this file

mdef-docs

Usage

Install Python 3

Python newies! Read the following [guide](#).

Setup

```
pip install -r requirements.txt
```

 General

Access

 Collaborators

 Moderation options

Code and automation

 Branches

 Tags

 Actions

 Webhooks

 Environments

 Pages

Security

 Code security and analysis

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Build and deployment

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more](#).

 master ▾

 /docs ▾

Save



Publish privately to people with read access to this repository

Try risk-free for 30 days using a GitHub Enterprise organization, or [learn more about changing the visibility of your GitHub Pages site](#). X

Como ver la información de nuestro github en forma de web

<https://usuario.github.io/repositorio>

SEGURIDAD EN EL LAB

Fab Lab Rules

1

That is a collective space

Leave it better than you found it!

2



Follow the **safety rules!**

3



Any *objects* without name
and phone will be move
to the trash trolley at 19h

4



bring back the *tools*
where you found them

5



The trash trolley is **EMPTIED**
every friday weekly

Enjoy the making!

- **git pull**
 - pulls down (downloads) the current cloud repository to update the local repository
- **git add .**
 - tells Git that you wish to add new files from local to cloud repository
- **git status**
 - checks the status of the local repository...if new files exists to be added to the cloud repository
- **git commit -m “(add your comment here)”**
 - tells Git that you want to sure that you want to send the new files in the local repository to the cloud repository
 - includes a message to remind you what changes you are committing
- **git push**
 - sends committed files from the local repository to the cloud repository

GIT'S BASICS



HTML

HTML is the standard markup language for creating Web pages.



HOW TO LEARN [HTML]
W3S, MOZILLA, GOOGLE

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>title</title>
  </head>
  <body>

  </body>
</html>
```

HTML WEBPAGE STRUCTURE

A website a.k.a is just a lot of text files with a certain logic given through different types of formats written with an standart syntax.

We can count on :

- Html files
- Css files
- Js
- etc

HTML WEBPAGE STRUCTURE



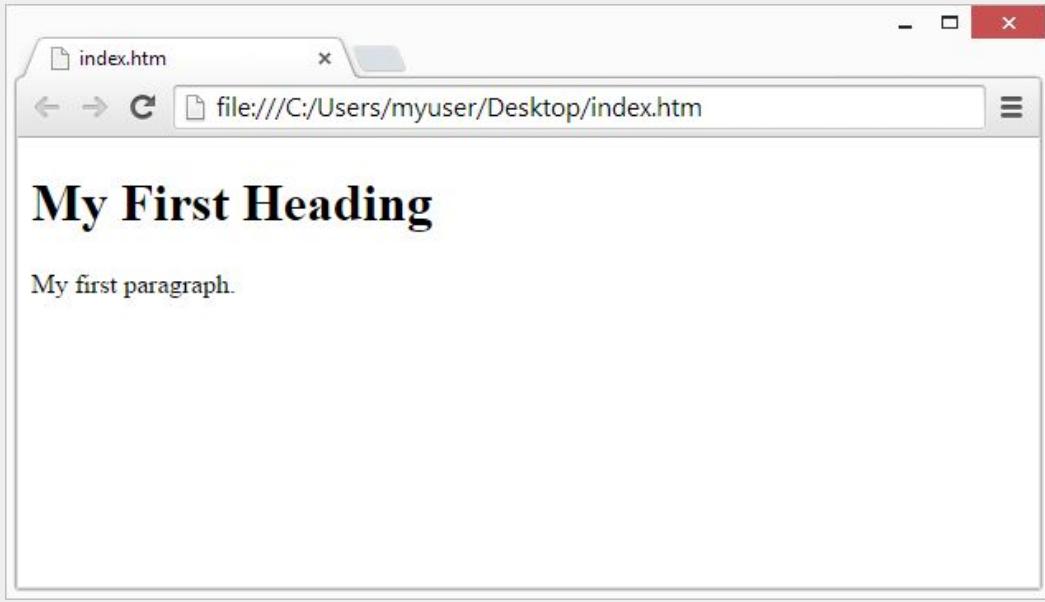
< p >
**For example, this is
how a paragraph
looks like.**
</ p >

You need a head where you will add all the information that relates to the CSS stylesheets, then you have a body where you write down all the content of the code. All the syntax you use for HTML coding has to be inside those brackets, and most of the syntax has to be closed, you open a syntax, write your code, and then you close it.

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
- The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The `<h1>` element defines a large heading
- The `<p>` element defines a paragraph

HTML BASIC TAGS





HTML BASIC EXAMPLE

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```

HTML BASIC FORMATING

```
<div id="header">
```

```
<div id="nav">
```

```
<div id="article">
```

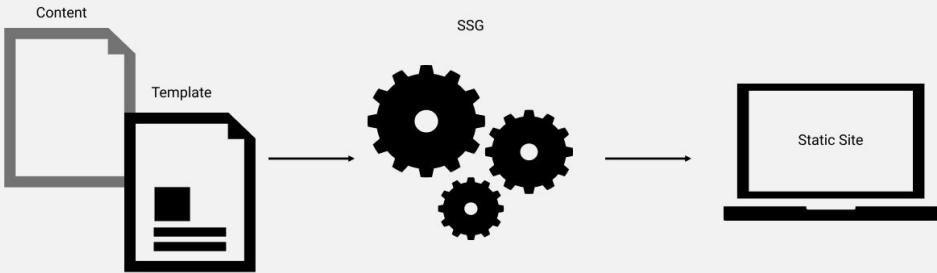
```
<div id="sidebar">
```

```
<div id="section">
```

```
<div id="footer">
```

WHAT IS A STATIC SITE GENERATOR?

A static site generator (SSG) takes text written in a markup language and it churns through layouts to create a static website.



HTML

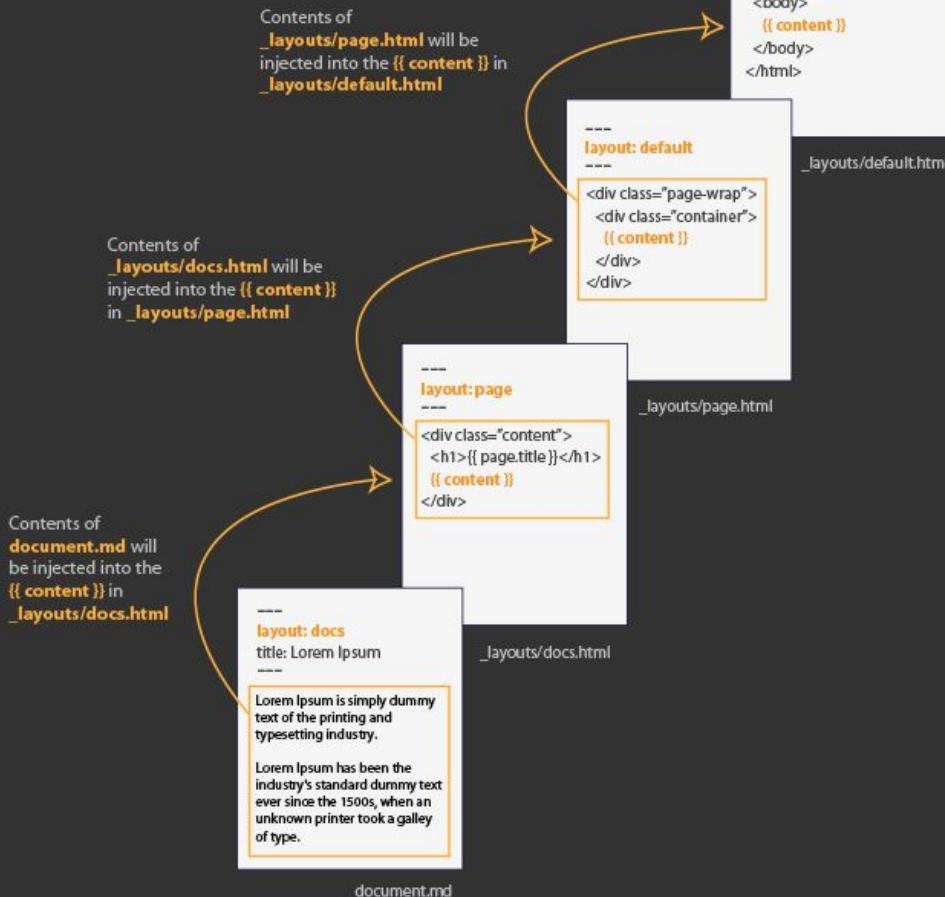
MARKUP/DOWN?

Examples

- [MKDocs](#)
- [HUGO](#)
- [Jekyll](#)
- [DocPad](#)
- [Wintersmith](#)

HTML

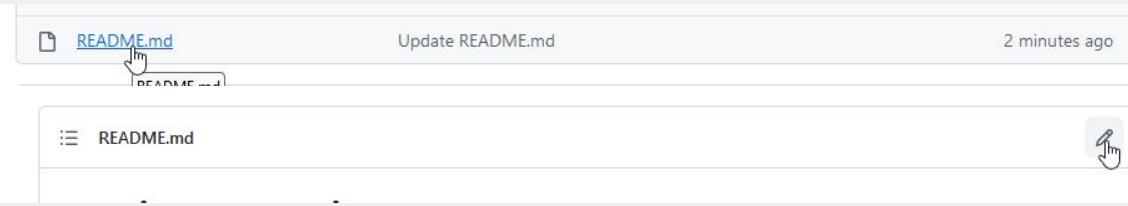
UNDERSTANDING JEKYLL



Examples

- [MKDocs](#)
- [HUGO](#)
- [Jekyll](#)
- [DocPad](#)
- [Wintersmith](#)

EDITAR MI GITHUB



sanjuanargentina / README.md in main

Edit file Preview

```
1 # sanjuanargentina
2 ## Miro para participantes en la formación:
3 https://miro.com/app/board/uXjVPSmyYSg=/
4
5 ## Enlaces interesantes:
6 Markdown Cheatsheet: https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet
```

Commit changes

Update README.md

Add an optional extended description...

-o Commit directly to the `main` branch.

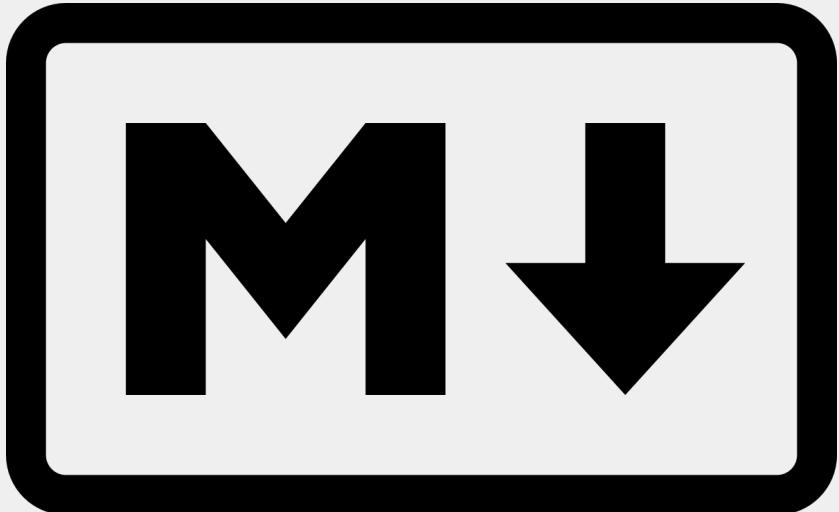
! Create a new branch for this commit and s

Commit changes Cancel

Como editar una página:

1. Selecciona el fichero que quieres cambiar.
2. Pincha en el icono del lápiz que aparece al lado del nombre
3. Modifica el contenido del fichero (puedes utilizar Markdown)
4. Al terminar hay que aceptar los cambios rellenando el campo de comentarios y haciendo click en el botón Commit Changes

MARKDOWN



Markdown — Language

Markdown is a simple and highly efficient text editing and formatting language...that generates HTML script automatically. Markdown documents uploaded to the cloud repository can be read as HTML and create a webpage. **It is the recommended methodology documentation tool for its time-saving simplicity.**

Markdown es “[una herramienta de conversión de texto a HTML para escritores web](#)”, creada por John Gruber con el objetivo de ayudarte a concentrar en la escritura en vez de en el formateo del documento y lo qué sucede con dicho formato

Markdown is two things:

- (1) a plain text formatting syntax; and
- (2) a software tool, written in Perl, that converts the plain text formatting to HTML.

Markdown —

Language

The screenshot shows a dark-themed Markdown editor window titled "Untitled 2 — Edited". On the left, the raw Markdown code is displayed with syntax highlighting for headings, code blocks, tables, and lists. On the right, the rendered HTML output is shown, which includes:

- A heading **Lorem ipsum**.
- A block of text with several words underlined as links.
- A section titled **Code** containing a code block with syntax highlighting.
- A section titled **Tables** containing a table with two columns and two rows of content.
- A section titled **Lists** containing an ordered list with several items, some of which have checkmarks.

Markdown is a simple and highly efficient text editing and formatting language...that generates HTML script automatically. Markdown documents uploaded to the cloud repository can be read as HTML and create a webpage. **It is the recommended methodology documentation tool for its time-saving simplicity.**

Element	Markdown Syntax
Heading	# H1 ## H2 ### H3
Bold	bold text
Italic	<i>italicized text</i>
Blockquote	>blockquote
Ordered List	1. First item 2. Second item 3. Third item
Unordered List	- First item - Second item - Third item
Code	`code`
Horizontal Rule	---
Link	[title](https://www.example.com)
Image	![alt text](image.jpg)

Markdown —

Syntax

These are the elements outlined in John Gruber's original design document. All Markdown applications support these elements.

<https://www.markdownguide.org/basic-syntax/>

TOOLS NEEDED

WEB DEVELOPMENT EDITOR

ATOM, SUBLIME, BRACKETS

[ANY TEXT EDITOR]

Markdown — Online

The screenshot shows the homepage of HackMD. At the top left is the logo "HackMD". The top navigation bar includes links for "Tutorials", "Pricing", "Enterprise", "Blog", "Changelog", "Recent", and "Sign in". Below the navigation is a large dark banner with the text "Get everyone on the same page with Markdown". Underneath the banner, there is a sub-headline: "Real-time collaborate on technical documentation in markdown. Capture fleeting ideas and formalize tribal knowledge." At the bottom of the banner is a sign-up form with a text input field labeled "Enter your email" and a green "Sign-up" button.

Get everyone on the same page with Markdown

Real-time collaborate on technical documentation in markdown. Capture fleeting ideas and formalize tribal knowledge.

Enter your email Sign-up

Hackmd.io es una web donde podréis crear documentos de texto, con formato Markdown, y que podéis ir viendo como quedaría el diseño de la página en vivo.

<https://hackmd.io/#>

Markdown — Online



↓ READ MORE

StackEdit's Markdown syntax highlighting is unique. The refined text formatting of the editor helps you visualize the final rendering of your files.

<https://stackedit.io/>

<https://dillinger.io/>

HTML TOOLS



Layoutit!

Try our simple frontend and management tools

Bootstrap Builder

CSS Grid Generator

MyLenio new!

Rest GIS new!

<https://www.layoutit.com/es>

Helps you make your frontend coding easier without needing to be an expert in JavaScript, HTML5 or CSS3

**<p>
good luck
coding!</p>**

Q&A - conversation

Revisión plataforma EDU

Desafíos

Añade una página nueva llamada about.md y que contenga una mini biografía tuya y una foto.

Crea una página nueva llamada seguridad.md ,que contenga las normas de seguridad básicas que crees importante para trasladar a un futuro usuario de tu fab lab en tema de seguridad (Fab charter)

CONCLUSIONES

**Aplicación de la tecnología que
hemos visto hoy en tu entorno.**

Gracias!