

Sesión 3 – Elementos del ecosistema de GitHub

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Microsoft MVP



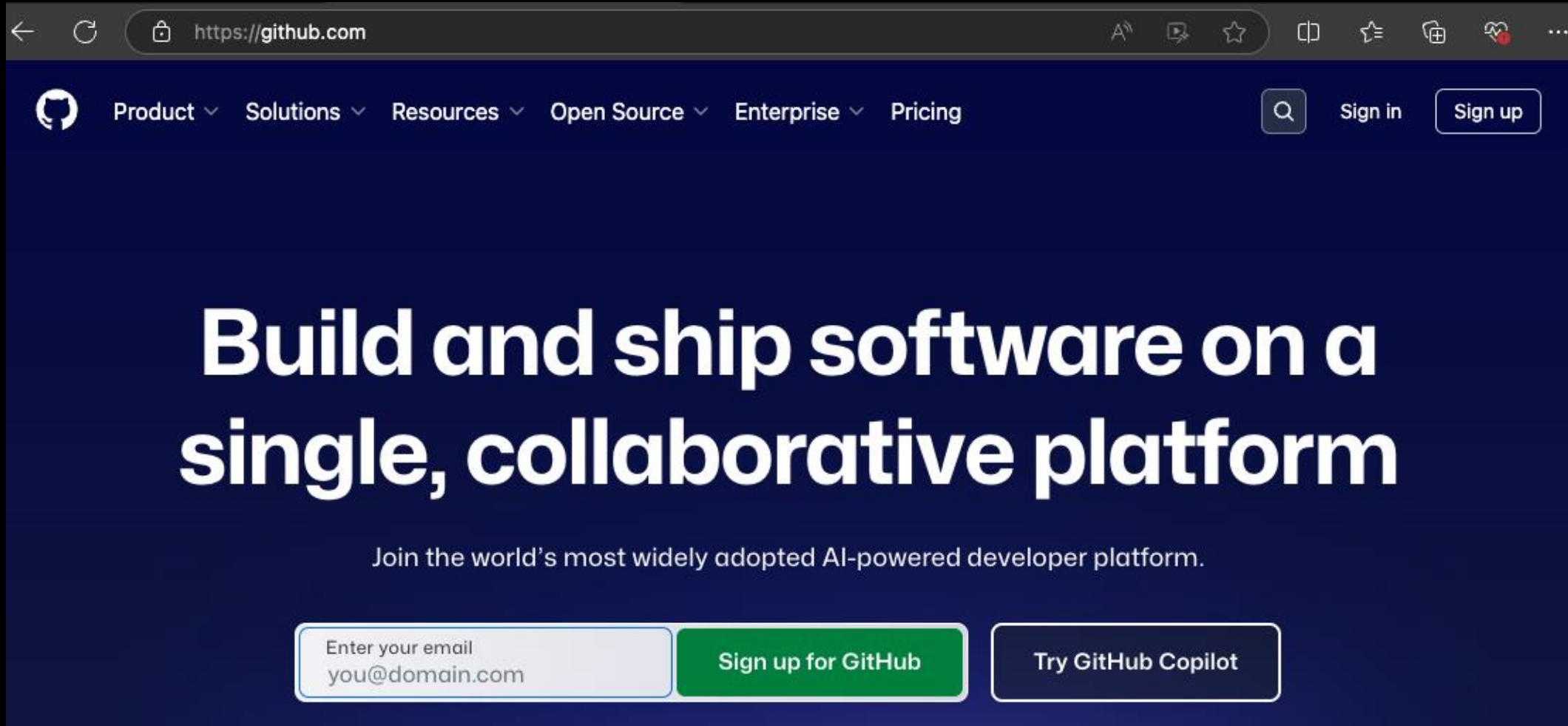
GitHub Platform

The AI Powered Developer
Platform to Build, Scale, and
Deliver Secure Software



1. Creación de cuenta

¿Cómo crear una cuenta personal nueva?



A screenshot of the GitHub homepage. The browser's address bar shows 'https://github.com'. The navigation bar includes links for Product, Solutions, Resources, Open Source, Enterprise, and Pricing, along with a search icon, 'Sign in', and a 'Sign up' button. The main content area features the GitHub logo and the headline 'Build and ship software on a single, collaborative platform'. Below this is a sub-headline 'Join the world's most widely adopted AI-powered developer platform.' and a sign-up form. The form consists of an email input field, a green 'Sign up for GitHub' button, and a 'Try GitHub Copilot' button.

https://github.com

Product Solutions Resources Open Source Enterprise Pricing

Sign in Sign up

Build and ship software on a single, collaborative platform

Join the world's most widely adopted AI-powered developer platform.

Enter your email
you@domain.com

Sign up for GitHub

Try GitHub Copilot

Sign up to GitHub

Email*

yihige9958@f5url.com



Password*

.....



Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.

Username*

yihige9958



Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.

Your Country/Region*

Czech Republic



For compliance reasons, we're required to collect country information to send you occasional updates and announcements.

Email preferences

☒ Receive occasional product updates and announcements

Continue >

Confirm your email address

We have sent a code to yihige9958@f5url.com

Enter code

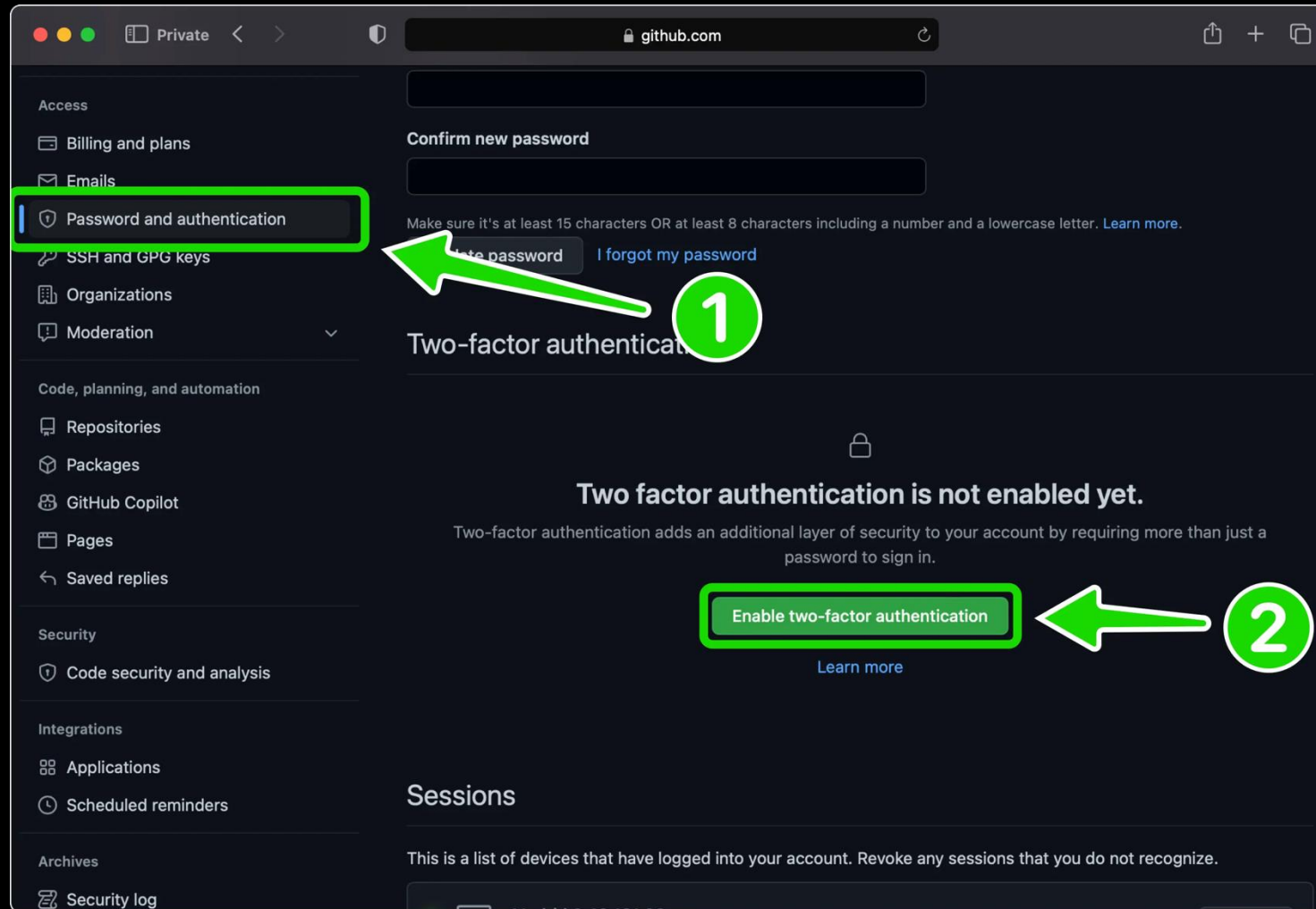
Continue >

Didn't get your email? [Resend the code](#) or [update your email address](#).

Autenticación de 2 factores

La autenticación bifactorial (2FA) es una capa de seguridad adicional que se utiliza cuando ingresas en sitios web o en apps.

Con la 2FA, tendrás que ingresar con tu nombre de usuario y contraseña y proporcionar otra forma de autenticación que solo tú sepas o a la que solo tú tengas acceso.



2. Diferencia entre git y GitHub



GitHub

1. It is a software

2. It is installed locally on the system

3. It is a command line tool

4. It is a tool to manage different versions of edits, made to files in a git repository

5. It provides functionalities like Version Control System Source Code Management

1. It is a service

2. It is hosted on Web

3. It provides a graphical interface

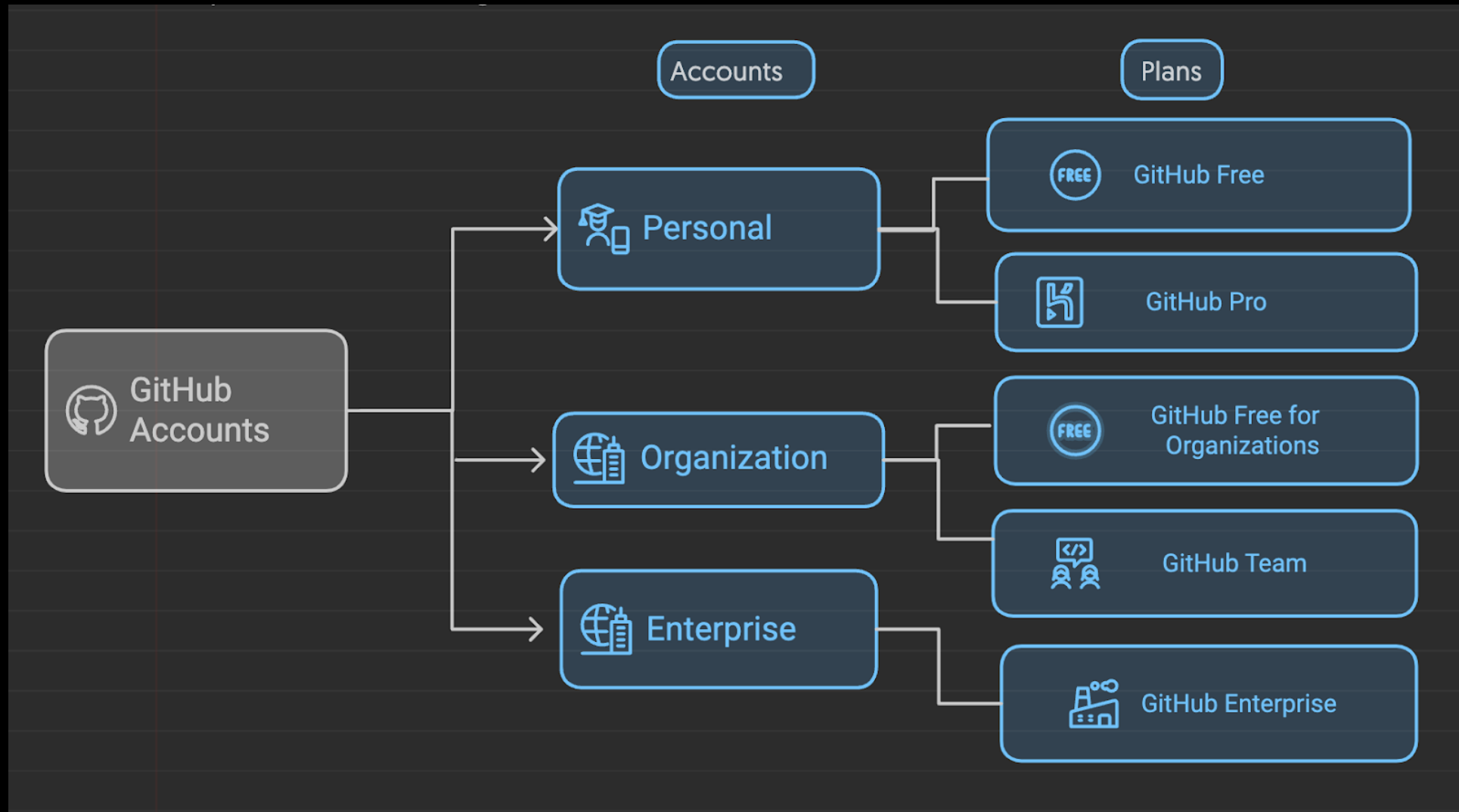
4. It is a space to upload a copy of the **Git** repository

5. It provides functionalities of Git like VCS, Source Code Management as well as adding few of its own features

3. Tipos de cuenta

Personal, organizacional, empresarial

Tipos de cuentas de GitHub



Cuentaas personales

- Cuenta de usuario – Tu identidad en GitHub.com
- Posee recursos: repositorios, paquetes, proyectos
- Manera sencilla de administrar permisos: propietario y colaboradores
- Toda acción se atribuye a tu cuenta personal
- Licencias: GitHub Free o GitHub Pro

Cuenta de organización

- Cuenta compartida para colaborar en varios proyectos
- Permisos gestionados por niveles (roles).
- Una organización posee recursos: repos, paquetes, proyectos.
- No se inicia sesión en una organización.
- Toda acción se atribuye a una cuenta personal.
- Solo el propietario de la organización y administrador de seguridad puede gestionar la configuración y controlar el acceso a los datos de la organización con seguridad sofisticada y características administrativas.



General

Policies

Access

Billing and plans

Organization roles

Role management

Role assignments

Repository roles

Member privileges

Import/Export

Moderation

Code, planning, and automation

Repository

Codespaces

Planning

Copilot

Actions

Webhooks

Discussions

Packages

Pages

Role management

Organization roles are used to grant access to subsets of organization settings to teams and members.



All-repository read

Grants read access to all repositories in the organization.



All-repository write

Grants write access to all repositories in the organization.



All-repository triage

Grants triage access to all repositories in the organization.



All-repository maintain

Grants maintenance access to all repositories in the organization.



All-repository admin

Grants admin access to all repositories in the organization.



CI/CD Admin

Grants admin access to manage Actions policies, runners, runner groups, network configurations, secrets, variables, and usage metrics for an organization.



Security manager

Grants the ability to manage security policies, security alerts, and security configurations for an organization and all its repositories.



Roles

- Organization owners
- Organization members
- Organization moderators
- Billing managers
- Security managers
- GitHub App managers
- Outside collaborators

Cuenta de empresa

- Los administradores de cuentas empresariales gestionan de forma centralizada políticas y facturación para varias organizaciones.
- Los propietarios de una cuenta de empresa pueden invitar a organizaciones a unirse a la cuenta, transferir organizaciones entre cuentas de empresa o crear nuevas organizaciones.

Planes de GitHub

- GitHub Free para cuentas personales y organizaciones
- GitHub Pro para cuentas personales
- GitHub Team
- GitHub Enterprise

GitHub Free

- Características básicas para usuarios y organizaciones.
- Disponible para cualquier individuo.

4. GitHub para cuentas personales

Gratis y planes de pago

GitHub Free para cuentas personales

- Repositorios públicos y privados.
- Número ilimitado de colaboradores.
- Soporte técnico de la comunidad de GitHub
- Alertas de Dependabot
- Aplicación de la autenticación en dos fases
- 500 MB de almacenamiento de Paquetes de GitHub
- 120 horas core de GitHub Codespaces al mes
- 15 GB de almacenamiento de GitHub Codespaces al mes
- GitHub Actions:
 - 2000 minutos al mes
 - Reglas de protección de implementación para repositorios públicos

GitHub Free para organizaciones

- Incluye las características de GitHub Free para cuentas personales, además de:
 - Controles de acceso al equipo para administrar los grupos.
 - Colaboradores ilimitados en repositorios públicos ilimitados, con un conjunto completo de características.
 - Repositorios privados ilimitados con un conjunto de características limitado.

GitHub Pro

- Similar a GitHub Free con características actualizadas.
- Soporte técnico de GitHub por correo electrónico
- 3000 minutos de GitHub Actions por mes
- 2 GB de almacenamiento de Paquetes de GitHub
- 180 horas core de GitHub Codespaces al mes
- 20 GB de almacenamiento de GitHub Codespaces al mes
- Herramientas avanzadas e información en repositorios privados:
 - Necesidad de revisores de solicitudes de incorporación de cambios
 - Varios revisores de solicitudes de incorporación de cambios
 - Ramas protegidas
 - Propietarios del código
 - Referencias de vínculos automáticos
 - GitHub Pages
 - Wikis
 - Gráficos de información del repositorio para pulso, colaboradores, tráfico, confirmaciones, frecuencia de código, red y bifurcaciones

GitHub Team

- La versión de GitHub Pro para organizaciones con características adicionales:
 - Soporte técnico de GitHub por correo electrónico
 - 3000 minutos de Acciones de GitHub por mes
 - 2 GB de almacenamiento de Paquetes de GitHub
 - Herramientas avanzadas e información en repositorios privados:
 - Necesidad de revisores de PRs
 - Varios revisores de PRs
 - Borrador (draft) de PRs
 - Revisores de PRs en equipo
 - Ramas protegidas
 - Propietarios del código (Code owners)
 - Avisos programados
 - GitHub Pages
 - Wikis
 - Gráficos de información del repositorio para pulso, colaboradores, tráfico, confirmaciones, frecuencia de código, red y bifurcaciones
 - La opción para habilitar o deshabilitar GitHub Codespaces

GitHub Enterprise

- Mayor nivel de soporte técnico y controles adicionales de seguridad, cumplimiento, implementación.
- Gestión de una o varias cuentas de empresa.
- Al crear una cuenta de empresa, se asigna el rol propietario de la empresa.
 - Puedes agregar y quitar organizaciones de la cuenta de empresa.
 - Puedes administrar otros administradores.
 - Aplicar directivas de seguridad entre organizaciones

GitHub Enterprise

- Incluye las características disponibles en GitHub Team, además de:
 - Soporte técnico
 - Más controles de seguridad, cumplimiento e implementación.
 - Autenticación con SAML SSO.
 - Aprovisionamiento del acceso con SAML o System for Cross-domain Identity Management (SCIM).
 - Reglas de protección de implementación con GitHub Actions para repositorios privados o internos de GitHub Connect.
 - La opción de comprar GitHub Advanced Security
 - GitHub Enterprise Managed Users

Opciones de GitHub Enterprise

- GitHub Enterprise Server (GHES)
 - Solución autohospedada para control total sobre la infraestructura.
- GitHub Enterprise Cloud
 - Incluye más capacidades que GHES:
 - 50 000 minutos de GitHub Actions al mes
 - 50 GB de almacenamiento de Paquetes de GitHub
 - Un SLA para un tiempo de actividad mensual del 99,9 %
 - Administrar de forma centralizada las directivas y la facturación de varias organizaciones de GitHub.com.
 - Enterprise Managed Users: provisionar y administrar las cuentas de usuario para los desarrolladores.

Facturación de GitHub

- Suscripciones:
 - Plan de la cuenta (GitHub Pro, GitHub Team)
 - Productos de pago (GitHub Copilot, apps de GitHub Marketplace)
- Pago por uso:
 - Costo de GitHub Actions (minutos de ejecución y almacenamiento de los artefactos)

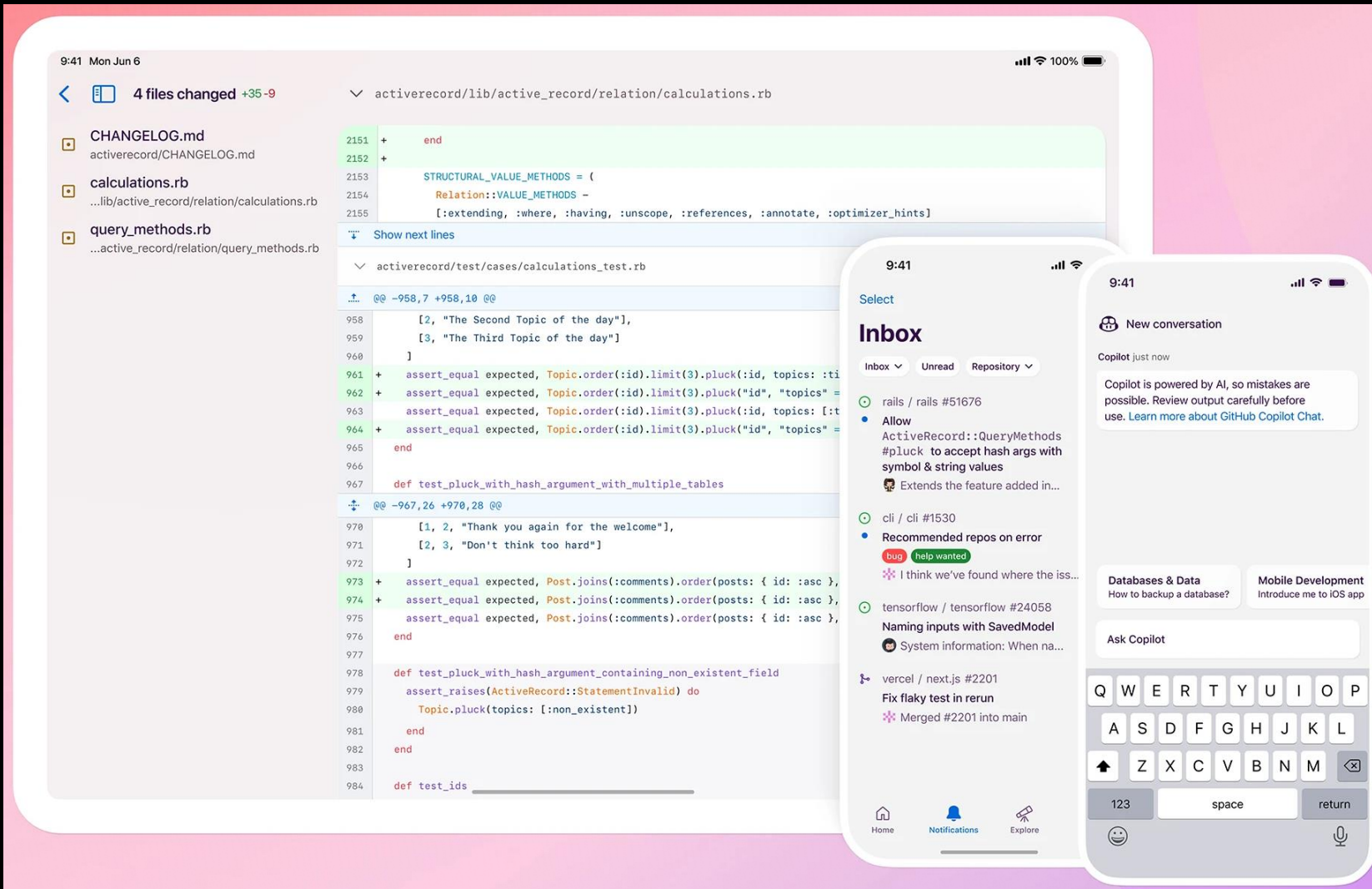
5. GitHub Desktop, CLI, y Móvil

Acceso a GitHub

- Además del sitio web, existen varias formas de acceder a la cuenta de GitHub:
- GitHub Mobile
- GitHub CLI
- GitHub Desktop

GitHub Mobile

github.com/mobile



- Administrar, evaluar prioridades y borrar notificaciones.
- Leer, revisar y colaborar en issues y PRs.
- **Editar archivos.**
- **GitHub Copilot.**
- Buscar, navegar, interactuar con usuarios, repositorios, organizaciones.
- Recibir notificaciones al ser mencionado.
- Programar notificaciones para horas determinadas.
- Autenticación de dos factores.
- Verificar intentos de inicio de sesión en dispositivos no reconocidos.

GitHub Desktop

desktop.github.com

The screenshot shows the GitHub Desktop application window. The top menu bar includes File, Edit, View, Repository, Branch, and Help. Below the menu, the current repository is 'desktop' and the current branch is 'file-status-too...' with a commit hash of #17192. A 'Pull origin' button is visible, indicating the last fetch was 8 minutes ago. The main area is divided into a 'Changes' sidebar on the left and a code editor on the right. The 'Changes' sidebar shows 3 changed files: 'app\src\ui\lib\list\section-list.tsx', 'app\src\ui\lib\tooltip.tsx', and 'app\src\ui\...\tooltipped-content.tsx'. The code editor displays the 'section-list.tsx' file, showing a diff with new lines highlighted in green. The diff includes comments and function definitions for 'onRowFocus?', 'onRowKeyboardFocus?', and 'onRowBlur?'. At the bottom, there is a commit message input field with the text 'Bring `onRowKeyboardFocus` to `Se...', a 'Description' field, and a 'Co-Authors' field with '@sergiou87' and '@tidy-dev' entered. A blue 'Commit to file-status-tooltip' button is at the bottom left.

File Edit View Repository Branch Help

Current repository: desktop

Current branch: file-status-too... #17192 ✓

Pull origin (Last fetched 8 minutes ago)

Changes: 3 changed files

- app\src\ui\lib\list\section-list.tsx
- app\src\ui\lib\tooltip.tsx
- app\src\ui\...\tooltipped-content.tsx

Stashed Changes

Bring `onRowKeyboardFocus` to `Se...

Description

Co-Authors: @sergiou87 @tidy-dev

Commit to file-status-tooltip

```
@@ -137,10 +137,19 @@ interface ISectionListProps {
    source: IMouseClickSource
  ) => void

+ /** This function will be called when a row obtains focus, no matter how */
+ readonly onRowFocus?: (
+   indexPath: RowIndexPath,
+   source: React.FocusEvent<HTMLDivElement>
+ ) => void

+ /** This function will be called only when a row obtains focus via keyboard */
+ readonly onRowKeyboardFocus?: (
+   indexPath: RowIndexPath,
+   e: React.KeyboardEvent<any>
+ ) => void

+ /** This function will be called when a row loses focus */
+ readonly onRowBlur?: (
+   indexPath: RowIndexPath,
+   source: React.FocusEvent<HTMLDivElement>
```

- Agregar y clonar repositorios.
- Añadir cambios a un commit de forma interactiva.
- Añadir coautores en el commit.
- Consultar ramas con PRs y ver estados de CI.
- Comparar imágenes de cambios

GitHub CLI

cli.github.com

`$ gh issue list`

View and filter a repository's open issues.

```
$ gh issue list
```

Showing 4 of 4 issues in cli/cli

- #16 Improving interactions with protected branches
- #14 PR commands on a detached head
- #13 Support for GitHub Enterprise (enhancement)
- #8 Add an easier upgrade command (bug)

<https://cli.github.com/manual/gh>

GITHUB CLI CHEAT SHEET

GITHUB PULL REQUESTS

```
gh pr status
gh pr list
gh pr list -s all
gh pr view [<number> | <url> | <branch>]
gh pr checkout
gh pr create -t <title> -b <body>
```

Show status of relevant pull requests
List open pull requests in repo
List all pull requests in repo
View a pull request
Check out a pull request in Git
Create a new pull request

GITHUB ISSUES

```
gh issue status
gh issue list
gh issue list -s all
gh issue view [<number> | <url>]
gh issue create -t <title> -b <body>
```

Show status of relevant issues
List open issues in repo
List all issues in repo
View an issue
Create a new issue

GITHUB REPOSITORIES

```
gh repo clone <repository>
gh repo create <name>
gh repo fork <repository>
gh repo view <repository>
```

Clone a repository locally
Create a new repository
Create a fork or a repository
View a repository

GITHUB COMMAND HELP

```
gh --version
gh help
gh <pr | issue | repo> --help
gh <pr | issue | repo> <command> --help
```

Display GitHub CLI version
Show help info
Show help info for a specific command group
Show help info for a specific command

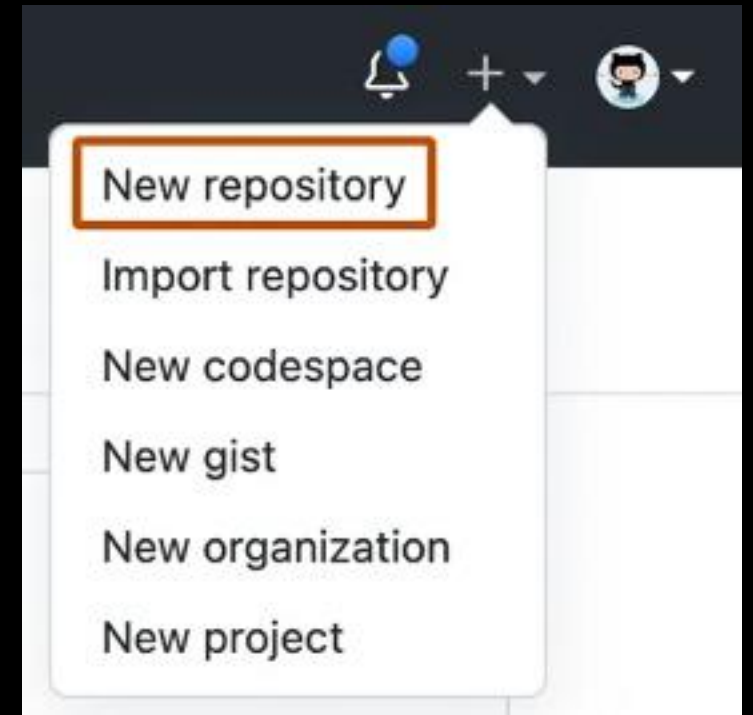
Práctica – GitHub CLI

6. Conceptos fundamentales


Repositorios, Ramas, Pull requests, Fork


Repositorios


- Los archivos de tu proyecto
- Historial de revisiones de cada uno de ellos



Owner * Repository name *

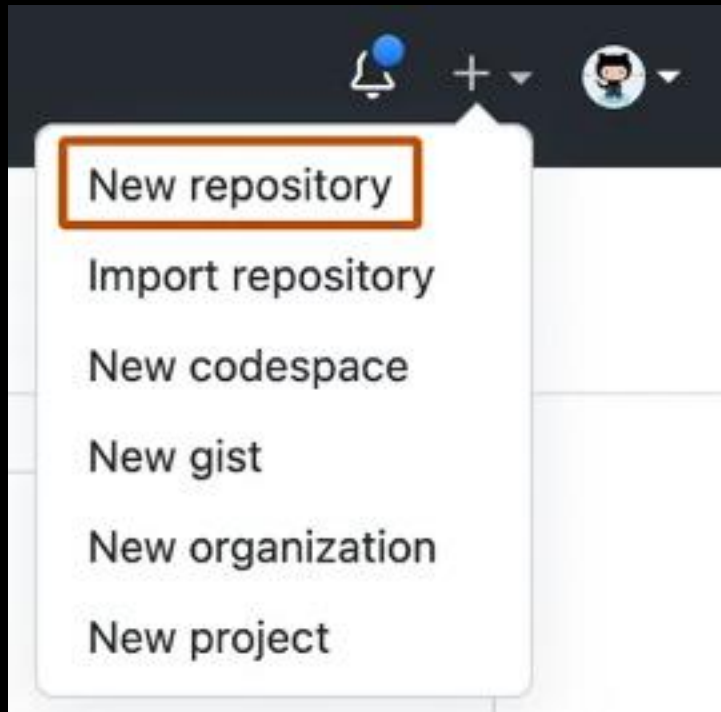
 octocat ▾ /

✓  octocat memorable. Need inspiration?

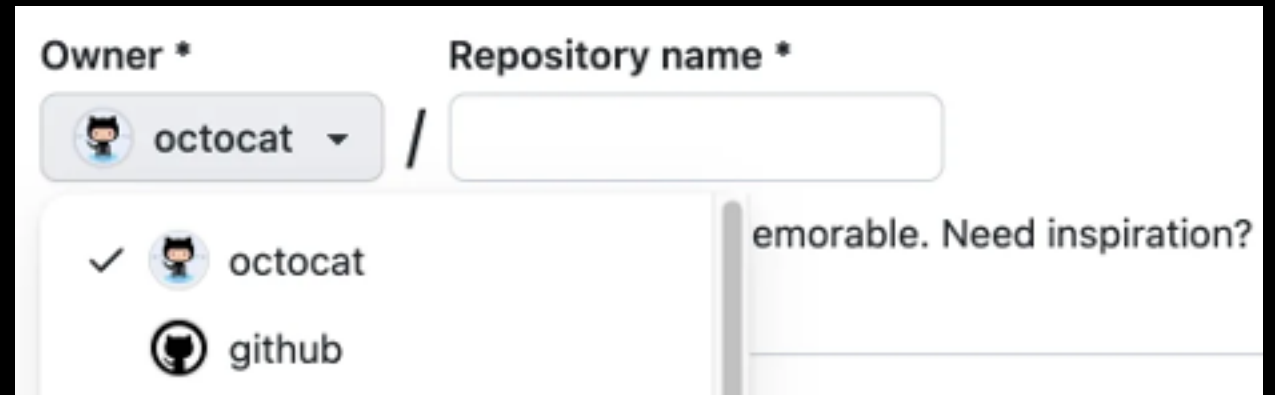
 github

Crear un repositorio

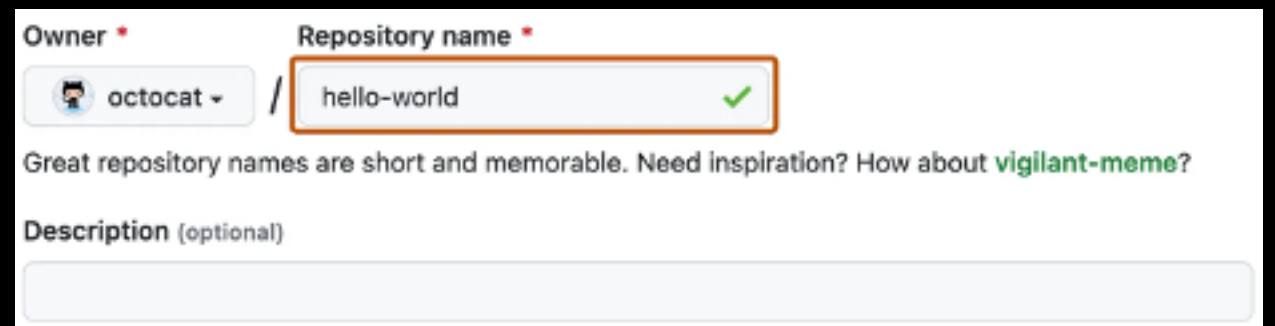
1. Seleccionar nuevo repositorio



2. Elegir el propietario del repositorio



3. Escribir el nombre del repositorio



4. Agrega una descripción (opcional)

Description (optional)

5. Elige la visibilidad



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.

6. Agrega archivos especiales (opcional)

Initialize this repository with:



Add a README file

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

Add .gitignore

.gitignore template: None ▾

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

Choose a license

License: None ▾

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

7. Agrega apps que pueden acceder al repositorio (opcional)

Grant your Marketplace apps access to this repository

You are subscribed to 2 Marketplace apps.



Azure Pipelines

Continuously build, test, and deploy to any platform and cloud



Azure Boards

Connects Azure Boards with GitHub to plan, track, and discuss work across your team

8. Da clic en el botón

Create repository

Práctica

- Crear un repositorio
- Agregar un archivo
 - Añadir contenido
 - Confirmar cambios (commit)
 - Elegir rama
 - Confirmar o proponer cambios

Elementos principales en GitHub

- Code es la página principal de un repositorio en GitHub, la cual incluye la descripción del proyecto, unas etiquetas para clasificar la temática del proyecto y una vista de commits, estrellas, branches, seguidores, releases, etc del repositorio.

asrob-uc3m / robotDevastation

Unwatch 5 Unstar 5 Fork 1

Code Issues 20 Pull requests 0 Projects 2 Wiki Pulse Graphs Settings

Robot Devastation software for PC. http://asrob.uc3m.es/index.php/Robot_... Edit

New Add topics

795 commits 5 branches 4 releases 4 contributors BSD-3-Clause

Branch: develop New pull request Create new file Upload files Find file Clone or download

jgvictores committed on GitHub Merge pull request #90 from asrob-uc3m/patch-issue12 Latest commit f5514db 7 days ago

cmake	[hot-fix] [cmake] remove verbose messaging on FindSDL2.cmake	3 months ago
doc	[dox] link to libraries from doc/main.dox	2 months ago
scripts	add scripts/gnome/robotDevastation.desktop	2 months ago
share	add rd-icon-64x64.png	2 months ago
src	Merge branch 'patch-issue12-tests' into patch-issue12	24 days ago
test	Fix redundancy due to transitively linked libraries	24 days ago
.gitignore	Update .gitignore	3 months ago
.travis.yml	Merge commit 06256c1 into unbreak-travis	2 months ago
CMakeLists.txt	removed SerialServoBoard and RdYarp in general	3 months ago
CONTRIBUTING.md	Update CONTRIBUTING.md	3 months ago
LICENSE	Initial commit	3 years ago
README.md	Update link to user manual	29 days ago

README.md

ROBOT DEVASTATION

Robot Devastation: a new-generation shooter with augmented reality and real robots. You can play online with other users with your PC or smartphone, moving robots in championships and campaigns: ¡everything 24/7!

Robot Devastation: un shooter de nueva generación con realidad aumentada y robots reales. A través de tu smartphone o PC vas a poder jugar online con otros usuarios, manejando robots en campeonatos y campañas: ¡todo 24/7!

Installation Guide: <https://www.gitbook.com/book/asrob-uc3m/robotdevastation-user-manual/details>

GitHub tiene integrado un gestor de bugs en forma de Issues. Cada Issue representa un problema o mejora del proyecto.

Issues

Dentro de cada Issue se pueden poner comentarios en los que informar de los progresos o debatir la mejor forma de solucionarla.

The screenshot displays the GitHub Issues interface. At the top, navigation tabs include Code, Issues (20), Pull requests (0), Projects (2), Wiki, Pulse, Graphs, and Settings. Below the tabs, a search bar contains the text 'is:issue is:open', and a 'New issue' button is visible. The main content area shows a list of 20 open issues. Each issue entry includes a checkbox, a status icon (green circle with an exclamation mark), the issue title, labels (e.g., enhancement, blocked, bug, idea, development, question), and a comment count. The issues are sorted by most recent first. The top issue is 'Add value to --yarpLocalImageManager parameter for camera selection' (enhancement). Other issues include 'Avoid hardcoding remote YARP device launchers' (blocked, bug, enhancement), 'Developer manual v1.0' (enhancement), 'Unbreak tests on Travis' (development), 'InitScreen does not work well with fullscreen' (enhancement), 'Exit game when server logs player out' (enhancement), 'Add --quiet flag to RdServer to disable stdout feedback' (idea), 'This side up for QR codes' (question), and '[travis-clang] testRdYarpNetworkManager 16167 Illegal instruction' (bug).

Issue ID	Title	Labels	Status	Comments
#91	Add value to --yarpLocalImageManager parameter for camera selection	enhancement	Open	0
#89	Avoid hardcoding remote YARP device launchers	blocked, bug, enhancement	Open	3
#88	Developer manual v1.0	enhancement	Open	1
#87	Unbreak tests on Travis	development	Open	4
#85	InitScreen does not work well with fullscreen	enhancement	Open	0
#83	Exit game when server logs player out	enhancement	Open	0
#82	Add --quiet flag to RdServer to disable stdout feedback	idea	Open	0
#78	This side up for QR codes	question	Open	2
#69	[travis-clang] testRdYarpNetworkManager 16167 Illegal instruction	bug	Open	0

Fork

GitHub tiene un sistema de permisos que controla qué usuarios pueden subir código a cada repositorio. Si deseamos hacer alguna modificación al software de una tercera persona, pero no tenemos autorización para publicar en su repositorio, podemos hacer un Fork de dicho repositorio.

Un Fork no es más que una copia del repositorio, que pasa a ser propiedad del usuario que hizo el Fork. De esta forma, ese usuario ya podría realizar modificaciones sobre el código del repositorio en su copia, sin necesidad de tener autorización para subir cambios.

 **David-Estevez / installation-guides**

forked from [roboticslab-uc3m/installation-guides](#)

 Unwatch ▾


1


 Star

0


 Fork

1

 Code

 Pull requests 0

 Projects 0

 Wiki

 Pulse

 Graphs

 Settings

Centralized administration of dependency installation guides <https://www.gitbook.com/book/robotics...>

Edit

New [Add topics](#)

 112 commits

 2 branches

 0 releases


 5 contributors

Pull Request

Si has hecho un Fork de un proyecto y has añadido modificaciones útiles para los usuarios del repositorio original, puede ser interesante integrar esos cambios en ese repositorio. Para ello, podemos hacer una petición al autor en forma de Pull Request, mediante el botón "New Pull Request" de la pestaña "Code".

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).


 base fork: **roboticslab-uc3m/Installation...** ▾

base: **develop** ▾ ...


head fork: **David-Estevez/Installation-gu...** ▾

compare: **develop** ▾

✓ **Able to merge.** These branches can be automatically merged.

 **Create pull request**

Discuss and review the changes in this comparison with others.



 **2** commits

 **1** file changed

 **0** commit comments

 **1** contributor



 Commits on Feb 16, 2017




  **David-Estevez** Updates `install-pypcd.md` ... 5cdc8c8

  **David-Estevez** Updates `install-pypcd.md` ... 9047305

 Showing **1** changed file with **3** additions and **1** deletion.

Unified Split

4  install-pypcd.md  View

  -2,11 +2,13 

2

3

4

5

6

7

Pure Python module to read and write point clouds stored in the [PCD file format] (http://pointclouds.org/documentation/tutorials/pcd_file_format.php), used by the [Point Cloud Library](<http://pointclouds.org/>).

[Official website](<https://github.com/dimatura/pypcd>)

Install from sources

2

3

4

5

6

7

8

9

Pure Python module to read and write point clouds stored in the [PCD file format] (http://pointclouds.org/documentation/tutorials/pcd_file_format.php), used by the [Point Cloud Library](<http://pointclouds.org/>).


***Note**: this module is currently [not compatible with Python 3.](<https://github.com/dimatura/pypcd/issues/7>)

[Official website](<https://github.com/dimatura/pypcd>)


Install from sources

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

 base fork: **roboticslab-uc3m/installatio...** ▾ base: **develop** ▾ ... head fork: **David-Estevez/installation-g...** ▾ compare: **develop** ▾ ✓ **Able to merge.** These branches can be automatically merged.

Please review the [guidelines for contributing](#) to this repository.



Title

Write

Preview

AA

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🔖

Leave a comment

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

 **Allow edits from maintainers.** [Learn more](#)

Create pull request

Reviewers

No reviews—request one

Assignees

No one—assign yourself

Labels

None yet

Milestone

No milestone

 **2** commits

 **1** file changed

 **0** commit comments

 **1** contributor

-  Commits on Feb 16, 2017
-   **David-Estevez**

Updates install-pypcd.md ...

5cdc8c8
-   **David-Estevez**

Updates install-pypcd.md ...

9b473b5

 Showing **1** changed file with **3** additions and **1** deletion.

Unified

Split

4


■■■■■

install-pypcd.md

<>

📄

View

 @@ -2,11 +2,13 @@

2

Pure Python module to read and write point clouds stored in the [PCD file format](http://pointclouds.org

2

Pure Python module to read and write point clouds stored in the [PCD file format](http://pointclouds.org

Pull requests

Create 0000-01-02-Contoso.md #3

Merged Contoso merged 2 commits into `main` from `my-slide` 2 days ago

Conversation 4

Commits 2

Checks 0

Files changed 1

+6 -0

Contoso commented 2 days ago • edited

Adding a much-needed file.

Owner

Create 0000-01-02-Contoso.md

Verified fce28d0

github-learning-lab [bot] requested changes 2 days ago

View changes

github-learning-lab [bot] left a comment

Good pull requests have a body description that tells other contributors about the change you're suggesting, so they understand the context.

Let's edit this pull request to add a body description.

Activity: Fixing your pull request

- The first comment on your pull request will have the default text of **No description provided**. Click on the ... icon located at the top right corner of the comment box, then click on **Edit** to make an edit

Reviewers

github-learning-lab

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone



No milestone




Linked issues










Successfully merging this pull request may close these issues.

None yet

Debates




Q Type  to search  

 **Code**  **Issues** **4**  **Pull requests**  **Discussions**  **Actions**  **Projects**  **Wiki**  **Security**  **Insights**

Select a discussion category



 **Announcements**
Updates from maintainers

[Get started](#)



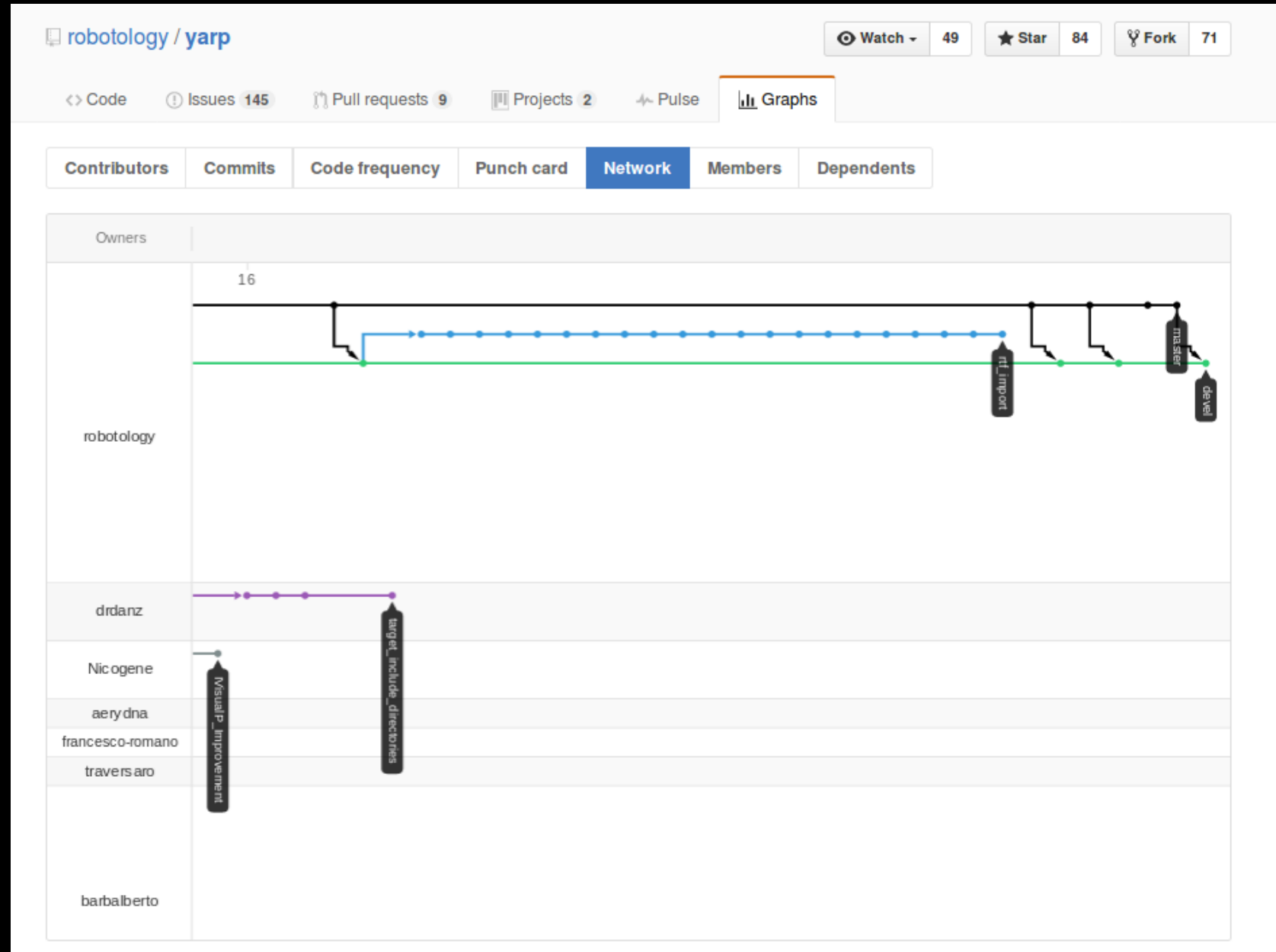
General
Chat about anything and everything here

[Get started](#)

Insights

La pestaña Insights nos permite ver distintas visualizaciones de datos relacionadas con nuestro repositorio, como cuántas líneas de código/commits ha aportado cada contribuidor o cuál es la franja horaria en la que se suelen hacer más commits.

Uno de los gráficos más útiles es el de Network, que muestra de forma gráfica los commits y branches de nuestro proyecto, así como su estado.

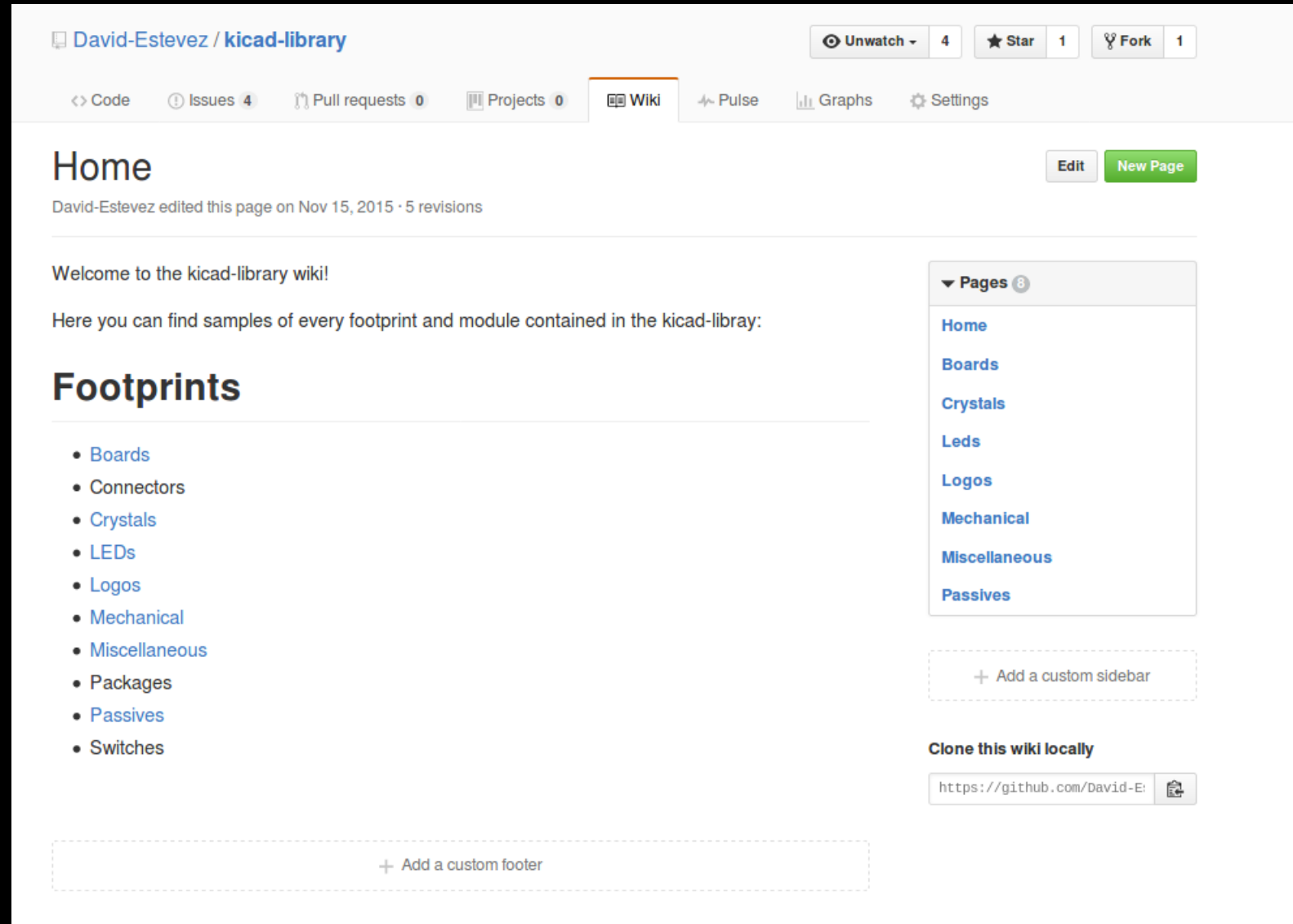


gists

- Un gist es una **forma simplificada** de compartir fragmentos de código con otras personas.
- Cada gist es un repositorio Git
 - Se puede clonar o bifurcar (fork)
 - Visibilidad pública o secreta (no privada, se puede acceder por la URL)

wikis

- Sección incluida en repositorios de GitHub para hospedar documentación.
- Documentación adicional / más detallada a la incluida en el archivo README.md.
- En repositorios privados, solo los usuarios con al menos acceso de lectura podrán acceder a la wiki.



Componentes del flujo de GitHub

- Ramas
- Commits (confirmaciones)
- Pull requests (solicitudes de incorporaciones de cambios)
- Workflow (flujo de GitHub)

Ramas

- Realiza cambios sin que afecten a todo el proyecto.
- Un lugar seguro para experimentar con nuevas características o correcciones.
- Es posible revertir cambios (en caso de error) o insertar más cambios para corregir.
- Los cambios no se actualizan en la rama predeterminada hasta que se combine.


Commits

Commits


main ▾


Commits on Sep 1, 2023

Update 1-create-a-branch.md

 Contoso committed 2 weeks ago ✓


Verified

 d97b4c6





Commits on Aug 9, 2023

Update discussion link (#468) ...

 Contoso committed on Aug 9 ✓

Verified

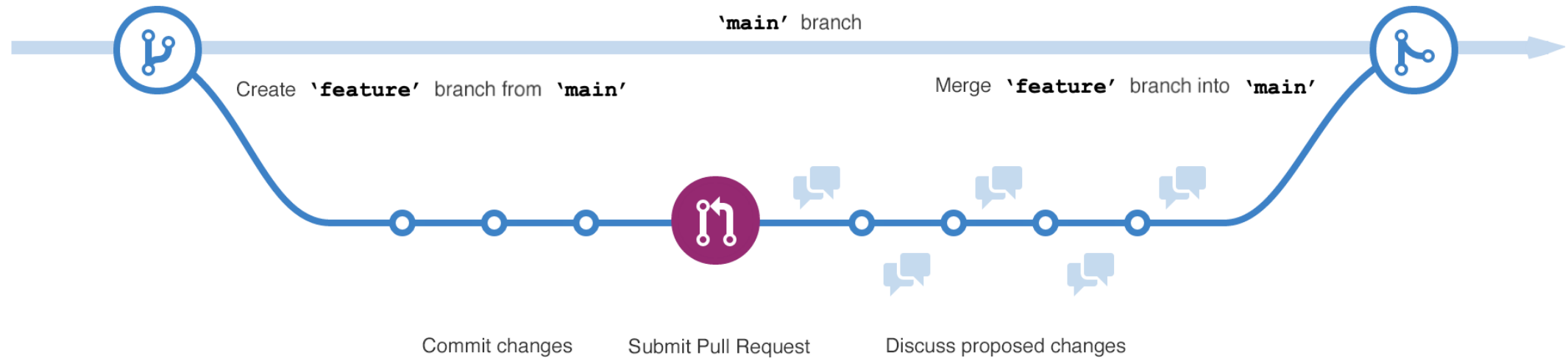
 cc85b5a



Estados de un archivo en un repositorio de Git

- Sin seguimiento (Untracked)
- Con seguimiento (Tracked)
 - Sin modificar
 - Modificado
 - Almacenado provisionalmente (Staged)
 - Confirmado (Committed)

El flujo de GitHub (GitHub flow)



Administración de la plataforma GitHub

- Notificaciones y suscripciones
- Suscripción a conversaciones y búsqueda
- GitHub Pages

Administración de las notificaciones y suscripciones

- Recibir actualizaciones continuas sobre actividades específicas en GitHub.com mediante suscripciones.
- Las notificaciones son las actualizaciones que se reciben sobre la actividad específica a la que el usuario se ha suscrito.
- Suscripción a notificaciones:
 - Conversación sobre issues, PRs o gists específicos.
 - Actividad de CI (estado de un workflow – GitHub Actions).
 - Issues, PRs, releases, alertas de seguridad o discusiones de un repositorio.
 - Actividad de un repositorio.

Projects

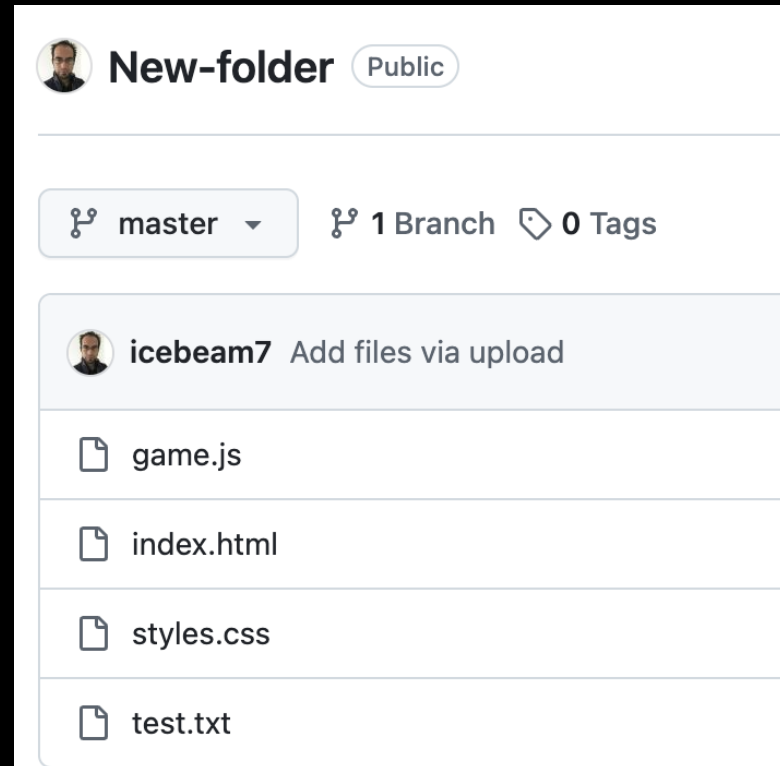
Un Project de GitHub es una forma de organizar tareas e Issues relacionadas entre sí. Está inspirada en el método Kanban y tiene un aspecto muy similar al de los tableros de Trello.

A cada Project le podremos añadir tarjetas que pueden corresponder o no con Issues del proyecto y moverlas entre las distintas columnas del tablón.

The screenshot displays the GitHub Projects interface for the repository 'asrob-uc3m / robotDevastation'. The top navigation bar includes links for Code, Issues (20), Pull requests (0), Projects (2), Wiki, Pulse, Graphs, and Settings. The Projects tab is active, showing a Kanban board with three columns: 'ToDo' (0 items), 'In Progress' (1 item), and 'Done' (3 items). A fourth column, '+ Add column', is available for creation. The 'In Progress' column contains a card titled 'Developer manual v1.0' (#88) by David-Estevez, labeled 'enhancement'. The 'Done' column contains three items: 'Some docs are hidden in this repo' (#37) by David-Estevez, labeled 'enhancement'; 'Create gitbook as User / Developer manual' (#47) by David-Estevez, labeled 'enhancement'; and 'User manual v1.0' added by David-Estevez. On the right, the 'Add cards' panel is open, showing a search bar with 'is:open' and a list of search results. The results include: 'Add value to --yarpLocalImageManager parameter for camera selection' (#91) by jgvictores, labeled 'enhancement'; 'Avoid hardcoding remote YARP device launchers' (#89) by PeterBowman, labeled 'blocked', 'bug', and 'enhancement'; 'Unbreak tests on Travis' (#87) by PeterBowman, labeled 'development'; and 'InitScreen does not work well with fullscreen' (#85) by David-Estevez, labeled 'enhancement'.

GitHub Pages

- Publicación y hospedaje de un sitio web estático desde un repositorio de GitHub.com
- HTML, CSS, JavaScript



Personal

Pages

https://github.com/icebeam7/New-folder/settings/pages

icebeam7 / New-folder

Type / to search

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code Security

Deploy keys

Secrets and variables

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 about configuring the publishing source for your site.](#)

master

/(root)

Save

Visibility GitHub Enterprise

With a GitHub Enterprise account, you can restrict access to your GitHub Pages site by publishing it privately. You can use privately published sites to share your internal documentation or knowledge base with members of your enterprise. You can try GitHub Enterprise risk-free for 30 days. [Learn more about the visibility of your GitHub Pages site.](#)

Start free for 30 days



icebeam7 / New-folder

<> Code ⌚ Issues 🔗 Pull requests ▶ Actions 📁 Projects 📖 Wiki ⚠ Security 📈 Ins

Actions

New workflow

All workflows

pages-build-deployment

Management

🗄 Caches

🚀 Deployments



🛡 Attestations



📋 Runners

📊 Usage metrics



📊 Performance metrics



All workflows

Showing runs from all workflows



Help us improve GitHub Actions

Tell us how to make GitHub Actions work better for you with

1 workflow run



pages build and deployment

pages-build-deployment #1: by icebeam7



icebeam7 / New-folder



- <> Code
- Issues
- Pull requests
- Actions
- Projects
- Wiki
- Security
- Insights
- Settings**

General

Access

Collaborators

Moderation options

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Webhooks

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Codespaces

Pages

GitHub Pages

[GitHub Pages](#) is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://icebeam7.github.io/New-folder/>

Last [deployed](#) by [icebeam7](#) 3 minutes ago

Visit site



Build and deployment

Source

Deploy from a branch

Branch

Your GitHub Pages site is currently being built from the master branch. [Learn more about configuring the publishing source for your site.](#)

master

/ (root)

Save

Learn how to [add a Jekyll theme](#) to your site.



Personal



Pages



Guess the Number



https://icebeam7.github.io/New-folder/

Guess the Number

Try to guess the number between 1 and 100.

Enter a number:



Too high! Try again.

Práctica – Creando una GitHub Page

Types of GitHub Pages sites

There are two types of GitHub Pages sites. Sites associated with a user or organization account, and sites for a specific project.

Property	User and organization sites	Project sites
Source files	Must be stored in a repository named <code><owner>.github.io</code> , where <code><owner></code> is the personal or organization account name	Stored in a folder within the repository that contains the project's code
Limits	Maximum of one pages site per account	Maximum of one pages site per repository
Default site location	<code>http(s)://<owner>.github.io</code>	<code>http(s)://<owner>.github.io/<repositoryname></code>

Evaluación de conocimientos

<https://ghcertified.com/questions/>

