# *Proyecto Git - Docker - VisualStudio*

| | |
|---|---|
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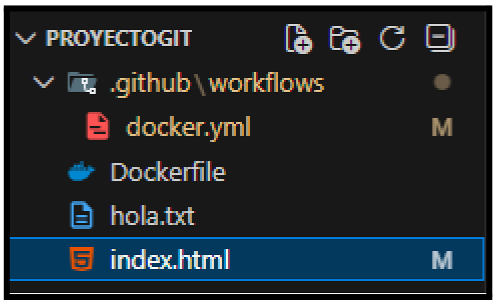
| *Curso* | 2º - DAW |
| *Fecha* | 22 / 02 / 2026 |
| *Asignatura* | Despliegue de aplicaciones web |

# ***Proyecto de Git - Docker - VisualStudio***

## ***La estructura es:***

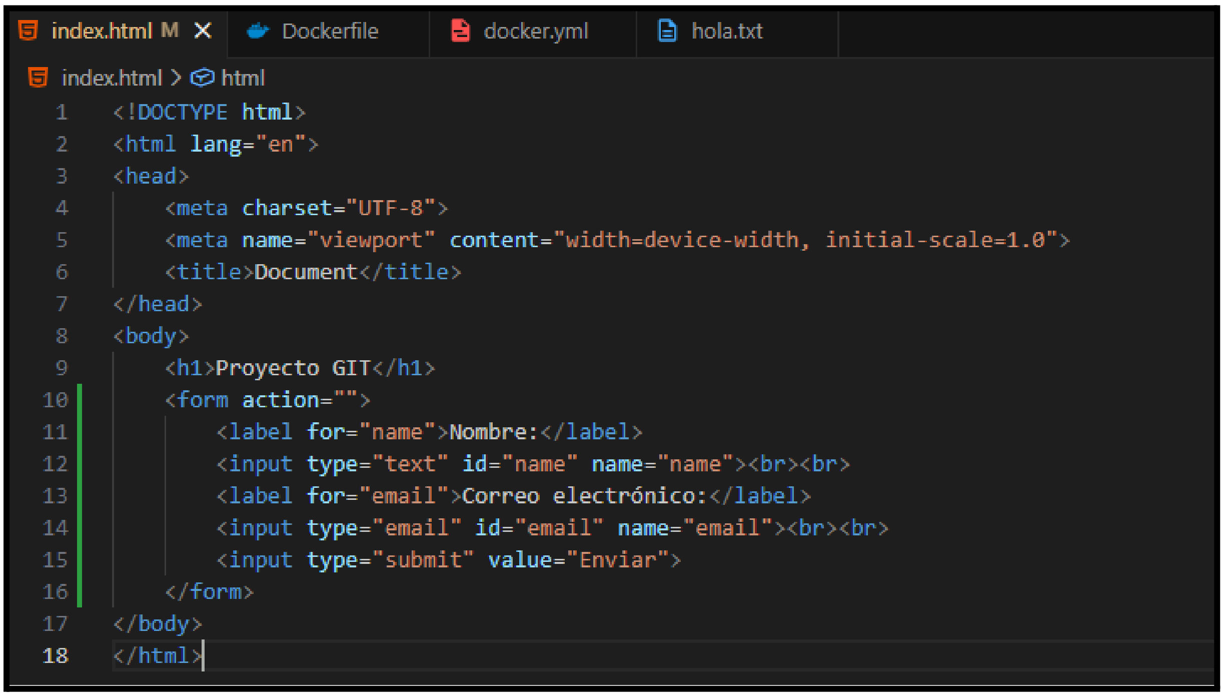
Carpeta llamada servidor-java

- .github
    - workflows
        - docker.yml
- Dockerfile
- index.html



## CONFIGURACIÓN DEL INDEX.HTML

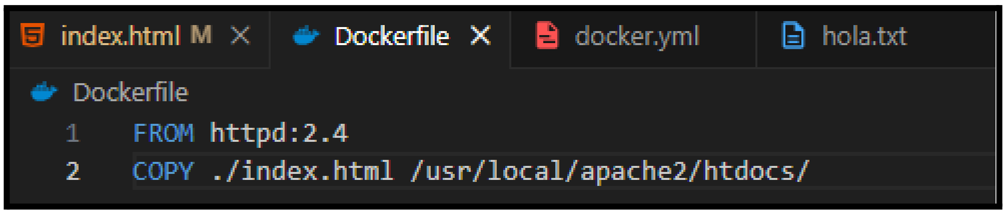
->



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>Proyecto GIT</h1>
    <form action="">
        <label for="name">Nombre:</label>
        <input type="text" id="name" name="name"><br><br>
        <label for="email">Correo electrónico:</label>
        <input type="email" id="email" name="email"><br><br>
        <input type="submit" value="Enviar">
    </form>
</body>
</html>
```

## CONFIGURACIÓN DEL DOCKERFILE

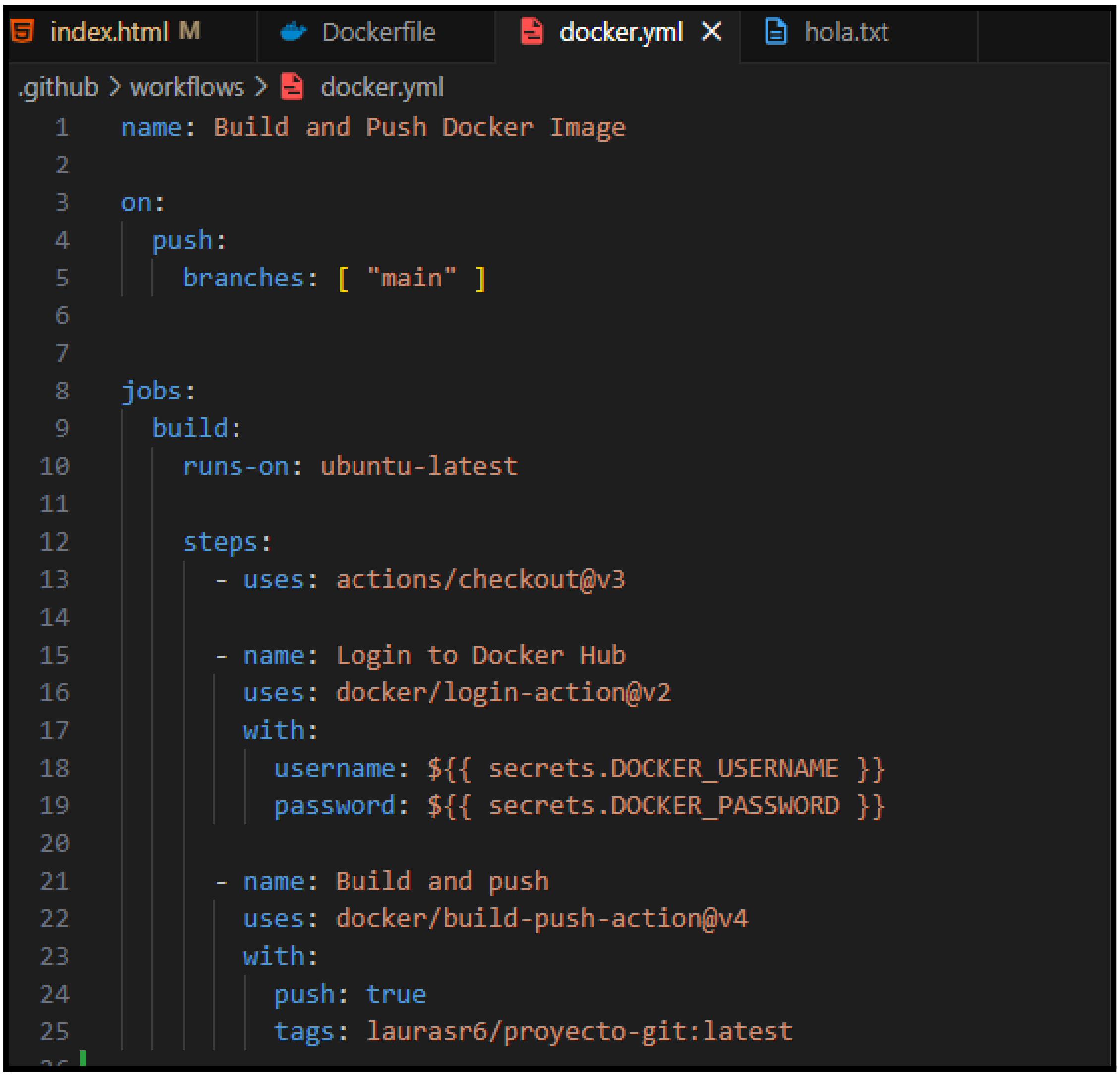
->



```
FROM httpd:2.4
COPY ./index.html /usr/local/apache2/htdocs/
```

## CONFIGURACIÓN DEL DOCKER.YML

->

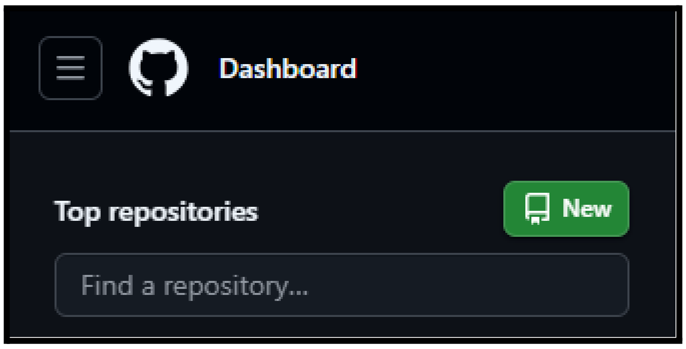


```
name: Build and Push Docker Image

on:
  push:
    branches: [ "main" ]


jobs:
  build:
    runs-on: ubuntu-latest

    steps:
      - uses: actions/checkout@v3

      - name: Login to Docker Hub
        uses: docker/login-action@v2
        with:
          username: ${{ secrets.DOCKER_USERNAME }}
          password: ${{ secrets.DOCKER_PASSWORD }}

      - name: Build and push
        uses: docker/build-push-action@v4
        with:
          push: true
          tags: laurasr6/proyecto-git:latest
```

## ***CONFIGURACIÓN DEL REPOSITORIO***

**Paso 1.** Crear el repositorio en GitHub

->

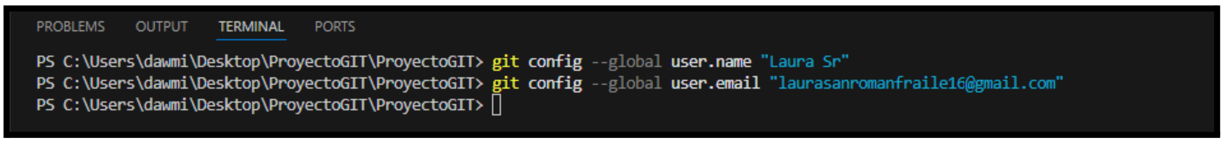


**Paso 2.** Con el link del repositorio creado le damos a clonar repositorio en Visual Code.

**Paso 3.** Vincular la cuenta de GitHub con la de Docker.

**Paso 4.** Crear el nombre de usuario y email.

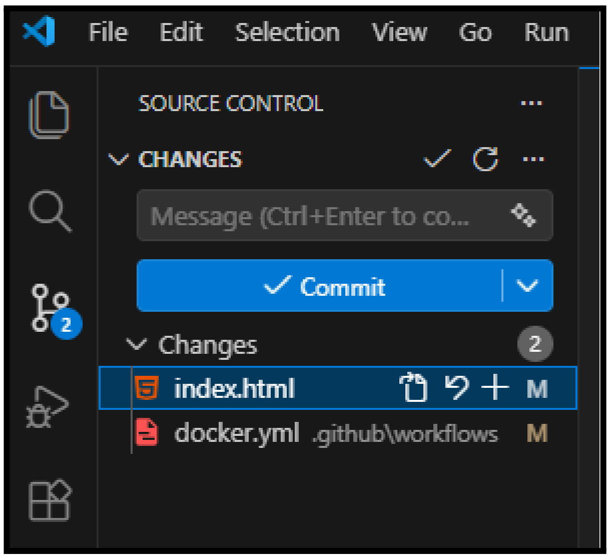
->



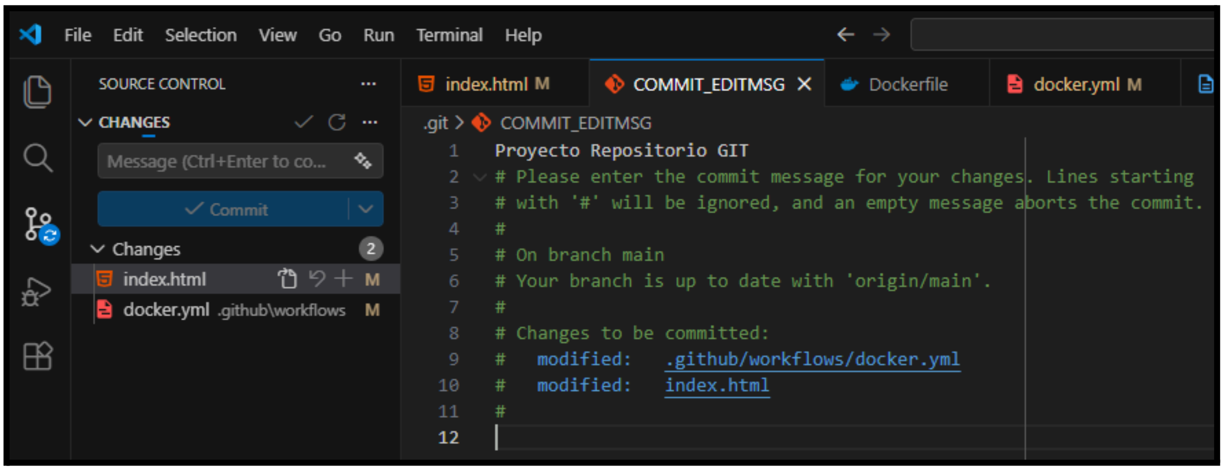
```
PS C:\Users\dawmi\Desktop\ProyectoGIT\ProyectoGIT> git config --global user.name "Laura Sr"
PS C:\Users\dawmi\Desktop\ProyectoGIT\ProyectoGIT> git config --global user.email "laurasanromanfraile16@gmail.com"
PS C:\Users\dawmi\Desktop\ProyectoGIT\ProyectoGIT>
```

**Paso 5.** Sincronizar el visual con el repositorio.

->

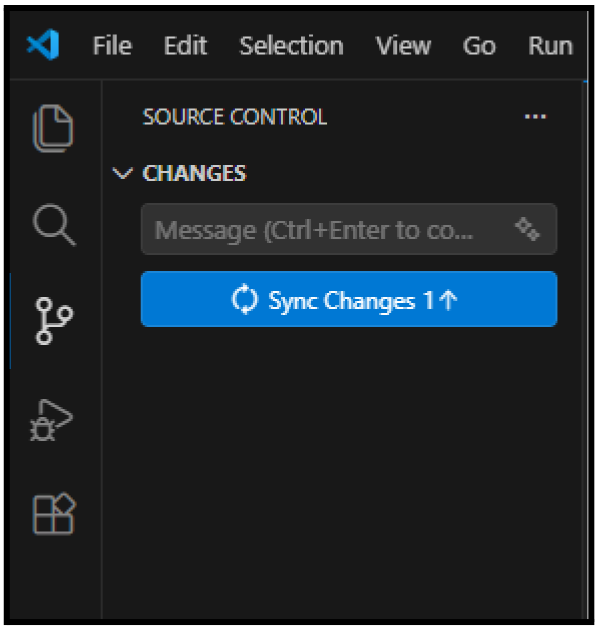


-> Pedirá un mensaje

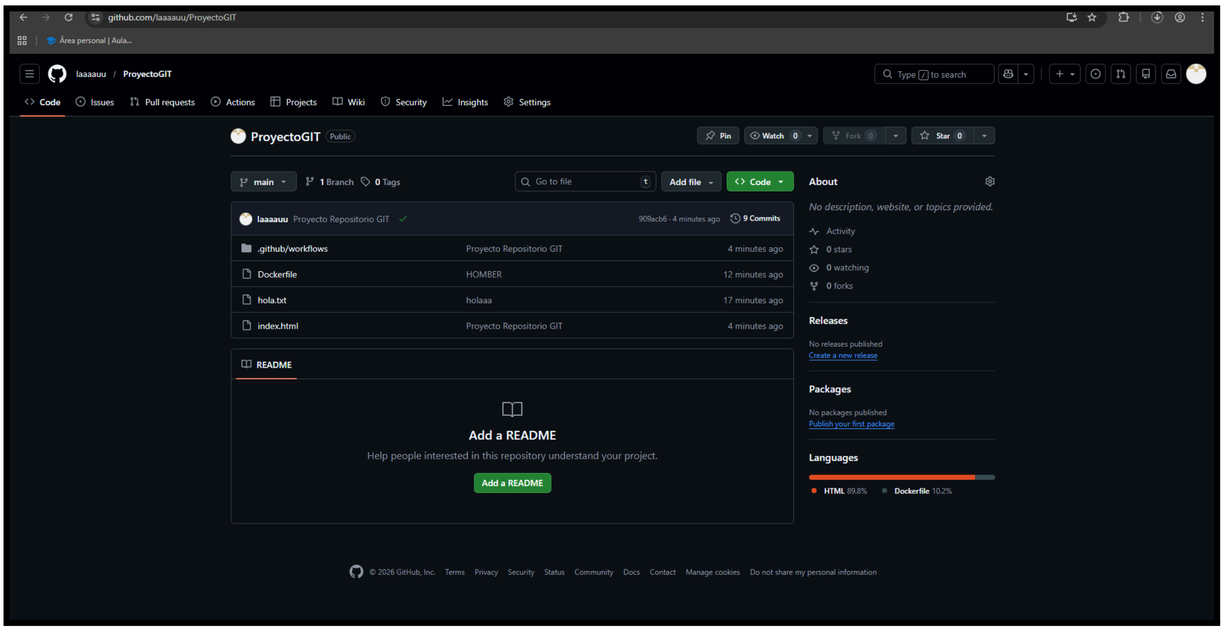


```
Proyecto Repositorio GIT
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Your branch is up to date with 'origin/main'.
#
# Changes to be committed:
#	modified:   .github/workflows/docker.yml
#	modified:   index.html
#
```

-> Una vez dado a "Sync Changes" se sincronizará con GitHub.



-> Así quedaría.



laaaauu Proyecto Repositorio GIT ✓ 909acb6 · 4 minutes ago 9 Commits

| | | |
|---|---|---|
| .github/workflows | Proyecto Repositorio GIT | 4 minutes ago |
| Dockerfile | HOMBER | 12 minutes ago |
| hola.txt | holaaa | 17 minutes ago |
| index.html | Proyecto Repositorio GIT | 4 minutes ago |

README

Add a README

Help people interested in this repository understand your project.

Add a README

About

No description, website, or topics provided.

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

● HTML 89.8% ● Dockerfile 10.2%

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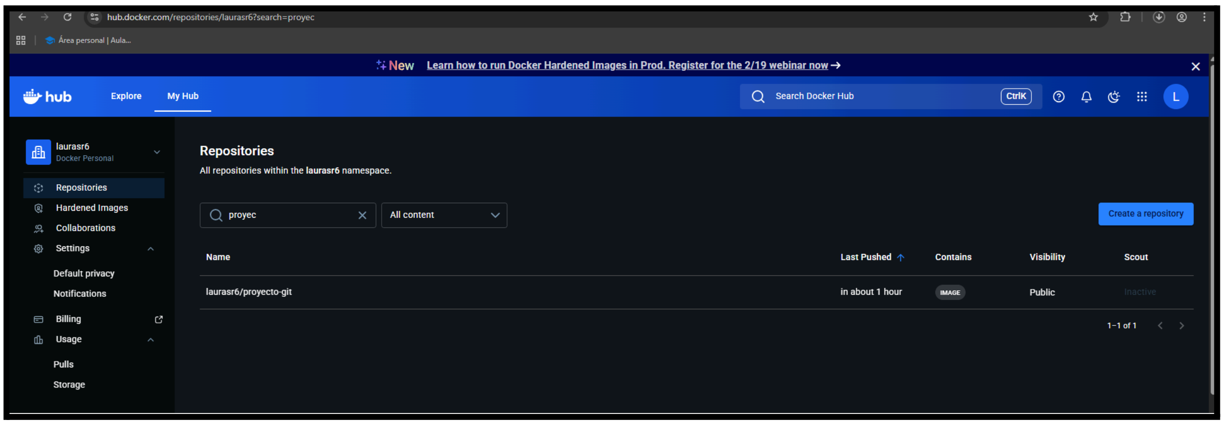
**Paso 6.** En Docker Hub creamos un repositorio.

->



hub.docker.com/repositories/laurasr6?search=proyec

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laurasr6
Docker Personal

- Repositories
- Hardened Images
- Collaborations
- Settings
  - Default privacy
  - Notifications
- Billing
- Usage
  - Pulls
  - Storage

**Repositories**

All repositories within the **laurasr6** namespace.

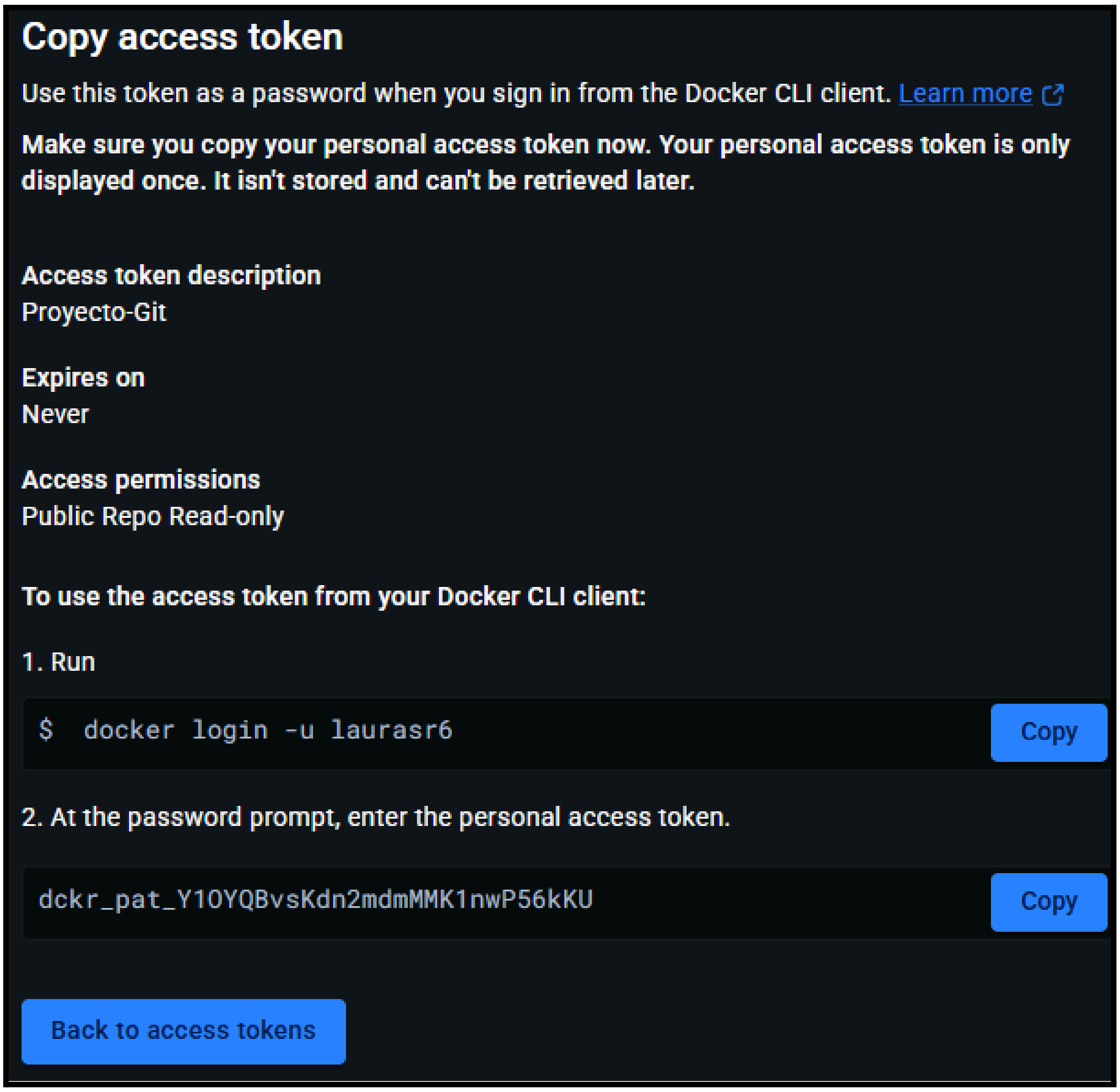
proyec | All content | Create a repository

| Name | Last Pushed | Contains | Visibility | Scout |
|---|---|---|---|---|
| laurasr6/proyecto-git | in about 1 hour | IMAGE | Public | Inactive |

1–1 of 1

**Paso 7.** Creamos un Access Token y copiamos el número 2 que es el personal token que se nos ha asignado al crearlo.

->



## Copy access token

Use this token as a password when you sign in from the Docker CLI client. Learn more

**Make sure you copy your personal access token now. Your personal access token is only displayed once. It isn't stored and can't be retrieved later.**

**Access token description**
Proyecto-Git

**Expires on**
Never

**Access permissions**
Public Repo Read-only

**To use the access token from your Docker CLI client:**

1. Run

```
$ docker login -u laurasr6
```

Copy

2. At the password prompt, enter the personal access token.

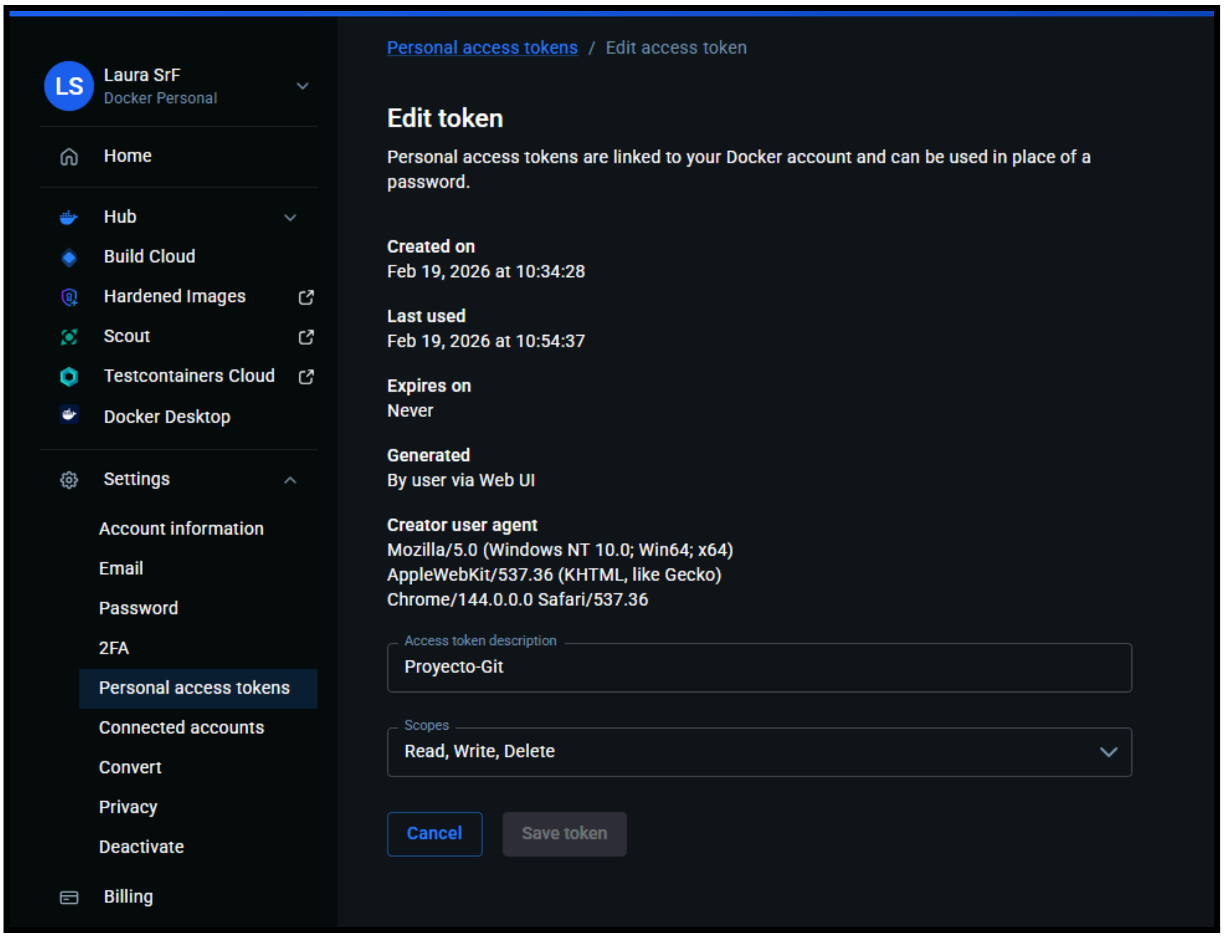
```
dckr_pat_Y1OYQBvsKdn2mdmMMK1nwP56kKU
```

Copy

Back to access tokens

**Paso 8.** Editamos ese Token a “Read, Write, Delete”.

->



Edit token

Personal access tokens are linked to your Docker account and can be used in place of a password.

Created on
Feb 19, 2026 at 10:34:28

Last used
Feb 19, 2026 at 10:54:37

Expires on
Never

Generated
By user via Web UI

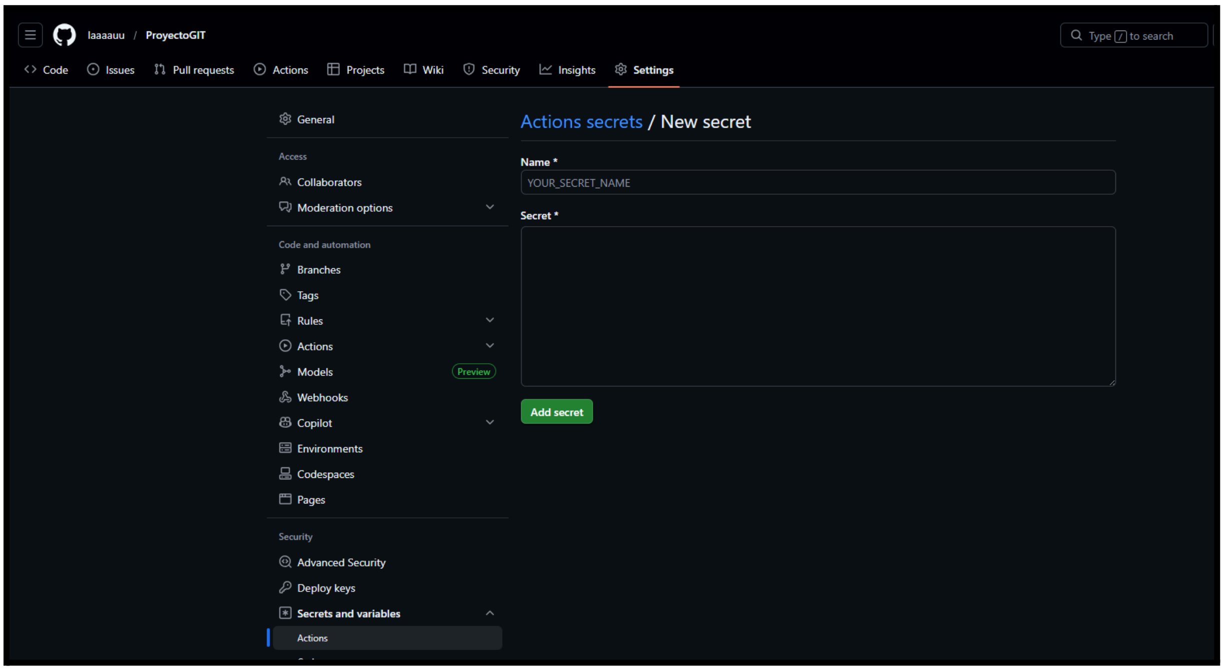
Creator user agent
Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/144.0.0.0 Safari/537.36

Access token description
Proyecto-Git

Scopes
Read, Write, Delete

**Paso 9.** Volvemos a GitHub y entramos en “Settings” desde dentro del repositorio, le damos a “Secrets and variables”, “Actions” y a “New repository secret”.

->



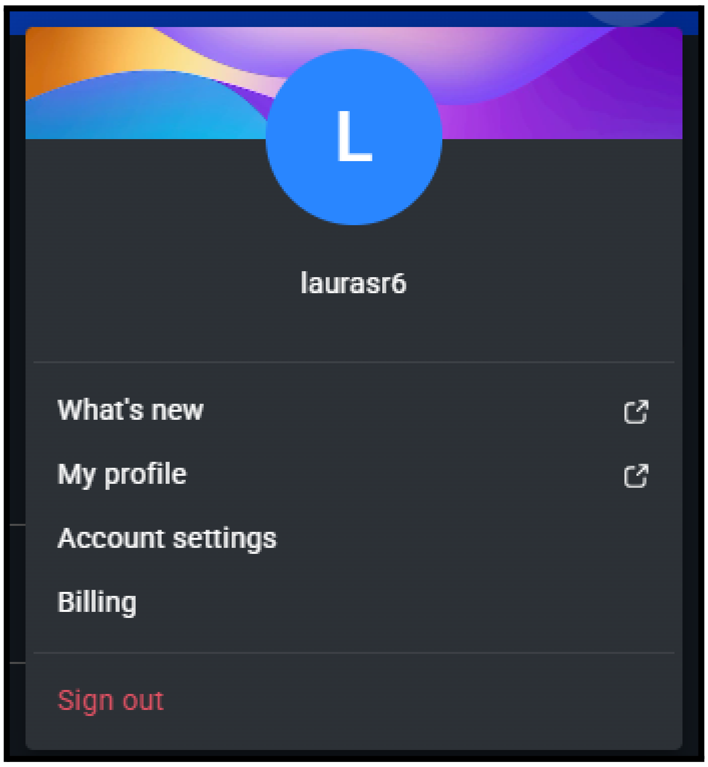
Actions secrets / New secret

Name *
YOUR_SECRET_NAME

Secret *

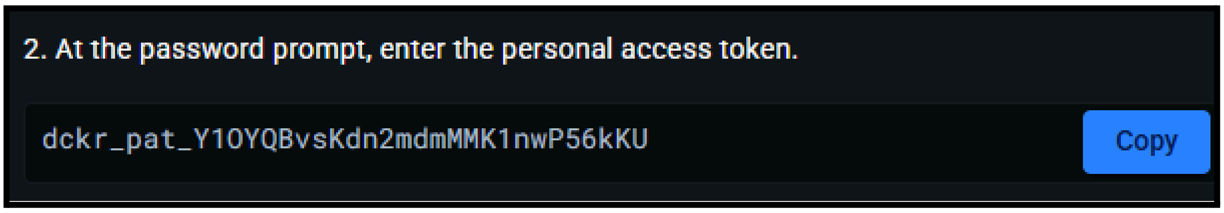
**Paso 9.1.** Añadimos como nombre DOCKER_USERNAME que contiene nuestro nombre de usuario de Docker.

->



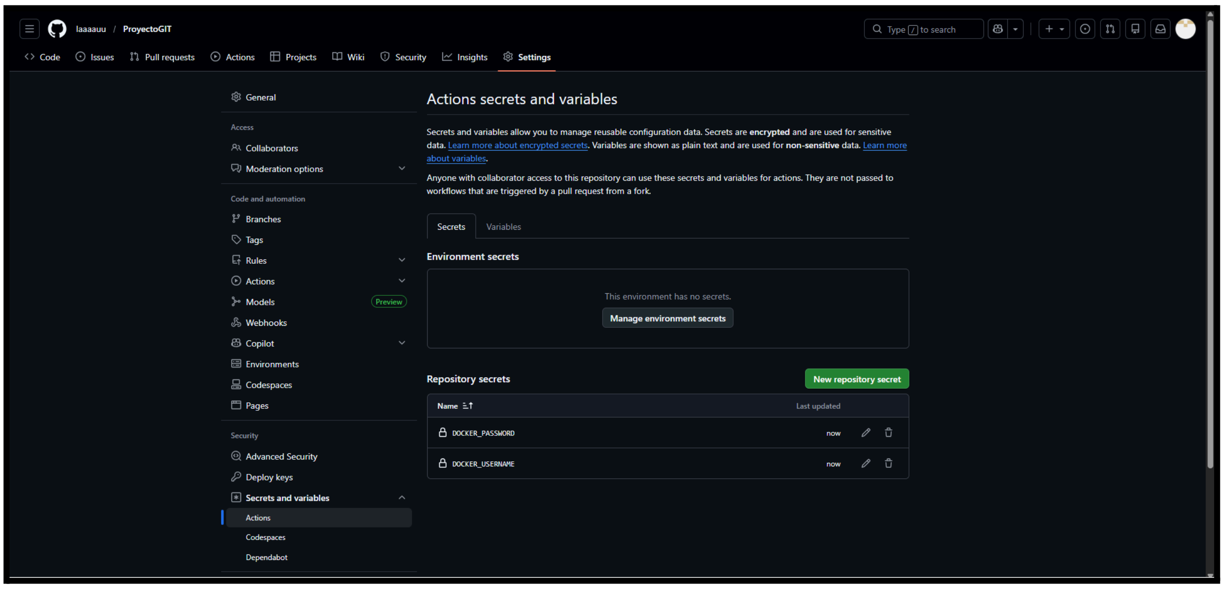
**Paso 9.2.** Añadimos como DOCKER_PASSWORD que contiene la url del token de Docker.

->


2. At the password prompt, enter the personal access token.

```
dckr_pat_Y1OYQBvsKdn2mdmMMK1nwP56kKU
```

-> Así quedaría.



Actions secrets and variables

Secrets and variables allow you to manage reusable configuration data. Secrets are **encrypted** and are used for sensitive data. Learn more about encrypted secrets. Variables are shown as plain text and are used for **non-sensitive** data. Learn more about variables.

Anyone with collaborator access to this repository can use these secrets and variables for actions. They are not passed to workflows that are triggered by a pull request from a fork.

Secrets | Variables

**Environment secrets**

This environment has no secrets.

Manage environment secrets

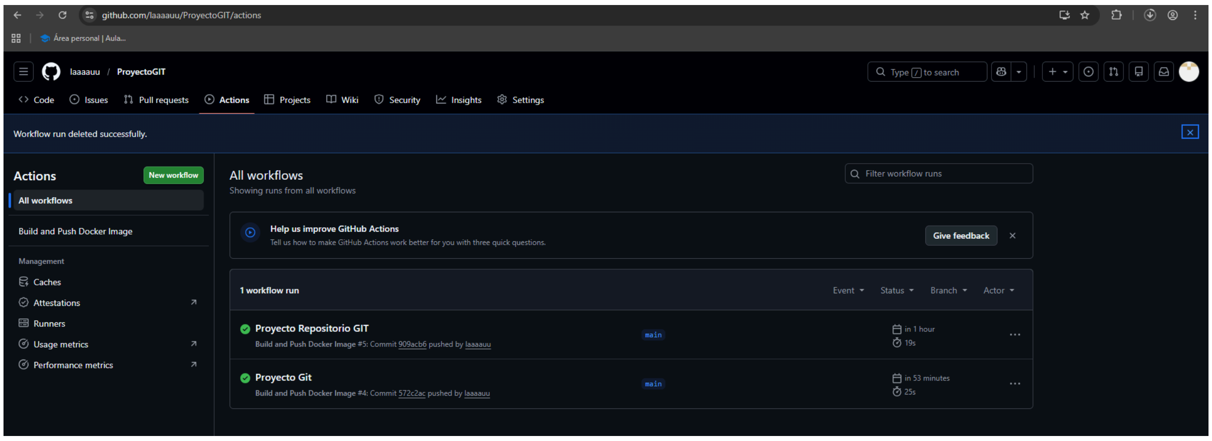
**Repository secrets** — New repository secret

| Name | Last updated |
|---|---|
| DOCKER_PASSWORD | now |
| DOCKER_USERNAME | now |

**Paso 10.** Creamos la carpeta de .github, dentro la carpeta de workflows y añadimos un docker.yml.

**Paso 11.** Una vez creado eso, volvemos a sincronizar los cambios, y vamos a la parte de “Actions” que pone “All workflows”, nos aparece nuestro proyecto que si aparece una “X” es que hay algo mal configurado. Tiene que aparecer así.

->



Workflow run deleted successfully.

All workflows

Showing runs from all workflows

**Help us improve GitHub Actions**
Tell us how to make GitHub Actions work better for you with three quick questions.

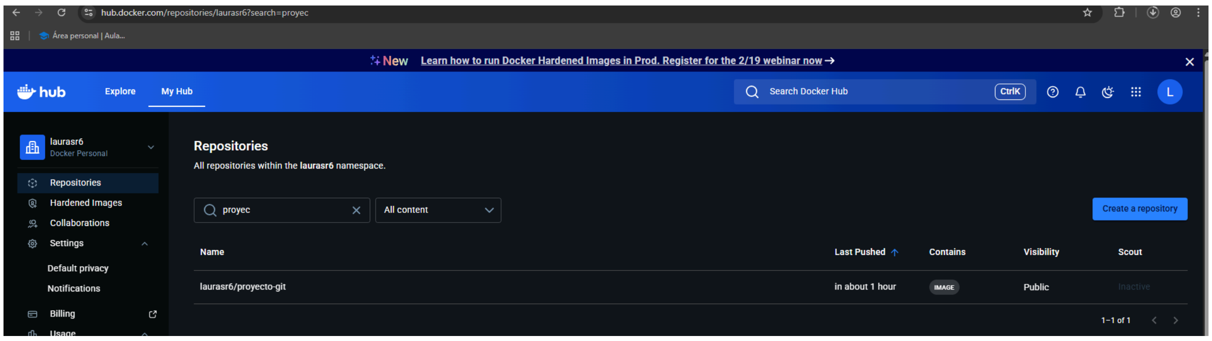
**1 workflow run**

**Proyecto Repositorio GIT** — main — in 1 hour — 19s
Build and Push Docker Image #5: Commit 909acb6 pushed by laaaauu

**Proyecto Git** — main — in 53 minutes — 25s
Build and Push Docker Image #4: Commit 572c2ac pushed by laaaauu

**Paso 12.** También comprobamos que va conectado con Docker.

->



hub.docker.com/repositories/laurasr6?search=proyec

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laurasr6
Docker Personal

**Repositories**

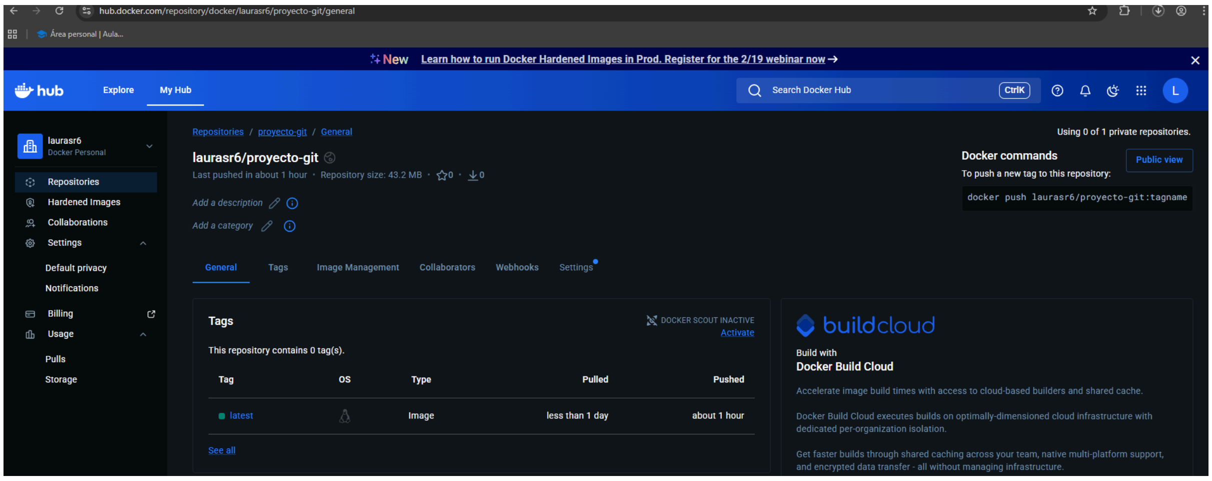
All repositories within the **laurasr6** namespace.

proyec | All content | Create a repository

| Name | Last Pushed | Contains | Visibility | Scout |
|---|---|---|---|---|
| laurasr6/proyecto-git | in about 1 hour | IMAGE | Public | Inactive |

1–1 of 1

->



hub.docker.com/repository/docker/laurasr6/proyecto-git/general

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Repositories / proyecto-git / General

Using 0 of 1 private repositories.

**laurasr6/proyecto-git**

Last pushed in about 1 hour · Repository size: 43.2 MB · ☆0 · ↓0

Add a description

Add a category

**Docker commands**

To push a new tag to this repository:

```
docker push laurasr6/proyecto-git:tagname
```

**Tags**

DOCKER SCOUT INACTIVE Activate

This repository contains 0 tag(s).

| Tag | OS | Type | Pulled | Pushed |
|---|---|---|---|---|
| latest |  | Image | less than 1 day | about 1 hour |

See all

buildcloud

Build with
**Docker Build Cloud**

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.