

GITHUB

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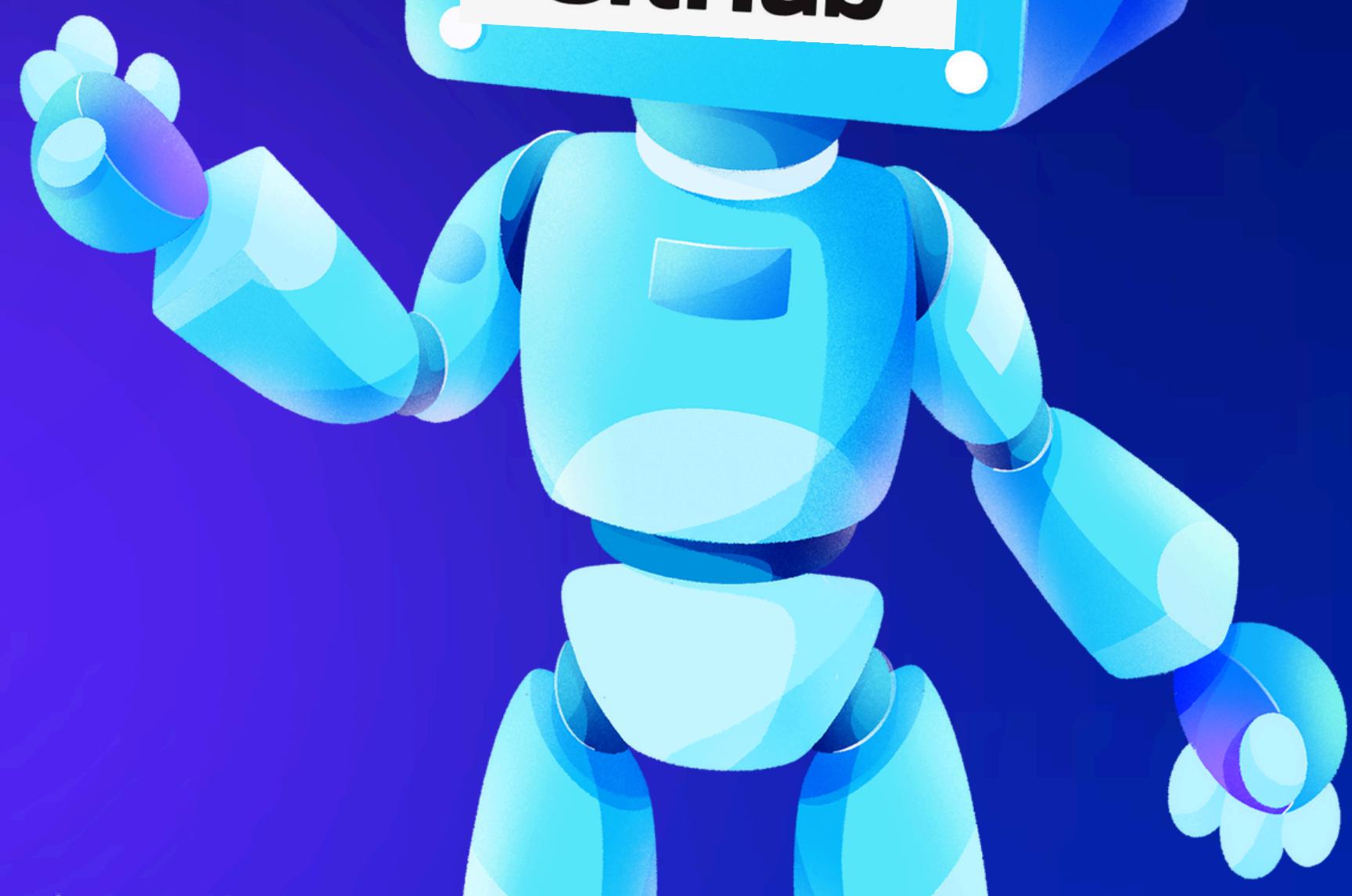
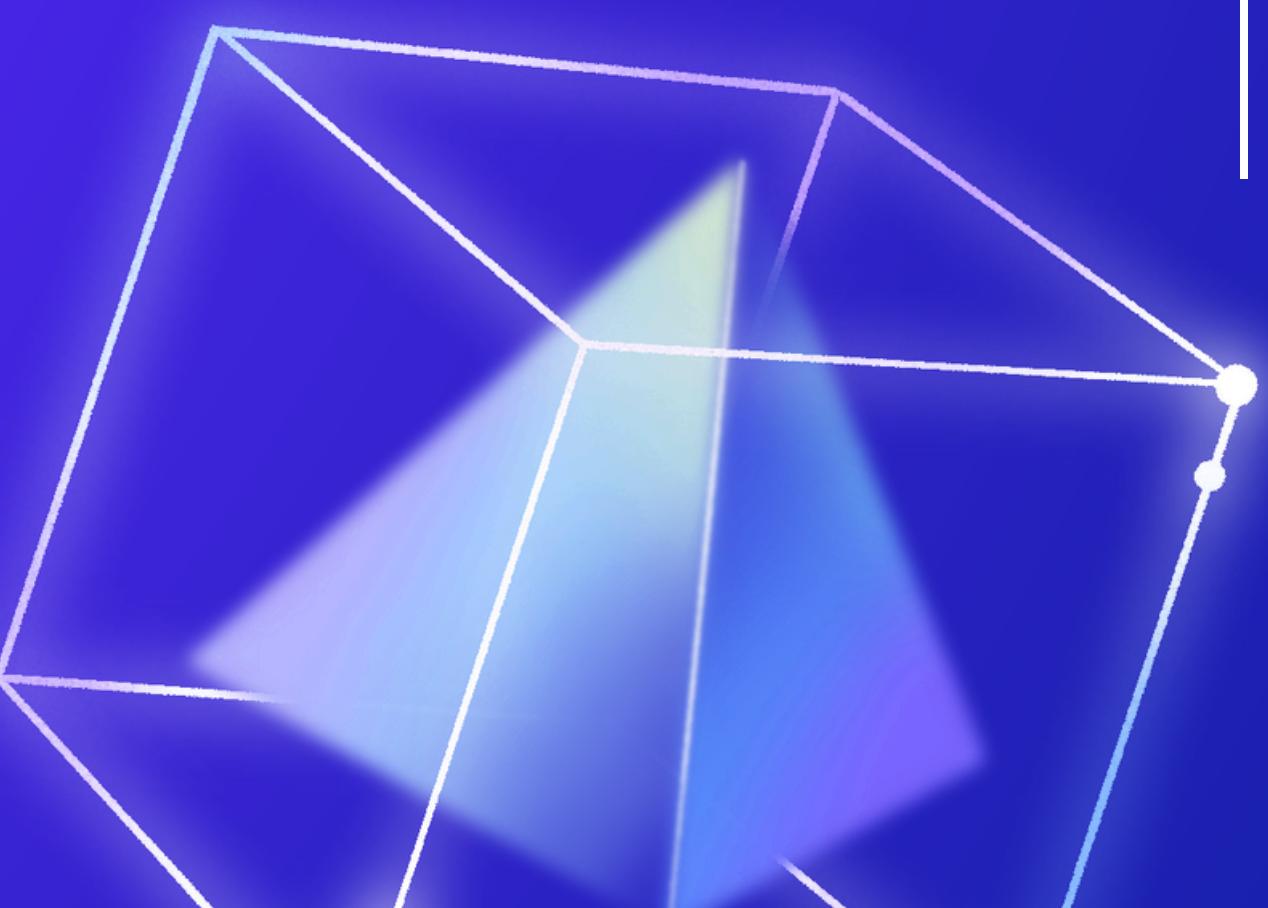
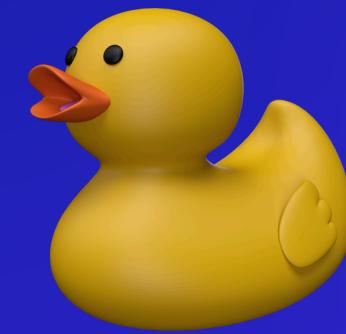




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WHAT IS GITHUB?

Github is an online platform and service for hosting and managing code that allows for version control and collaboration. It provides a collaborative environment for multiple developers to work at the same time.

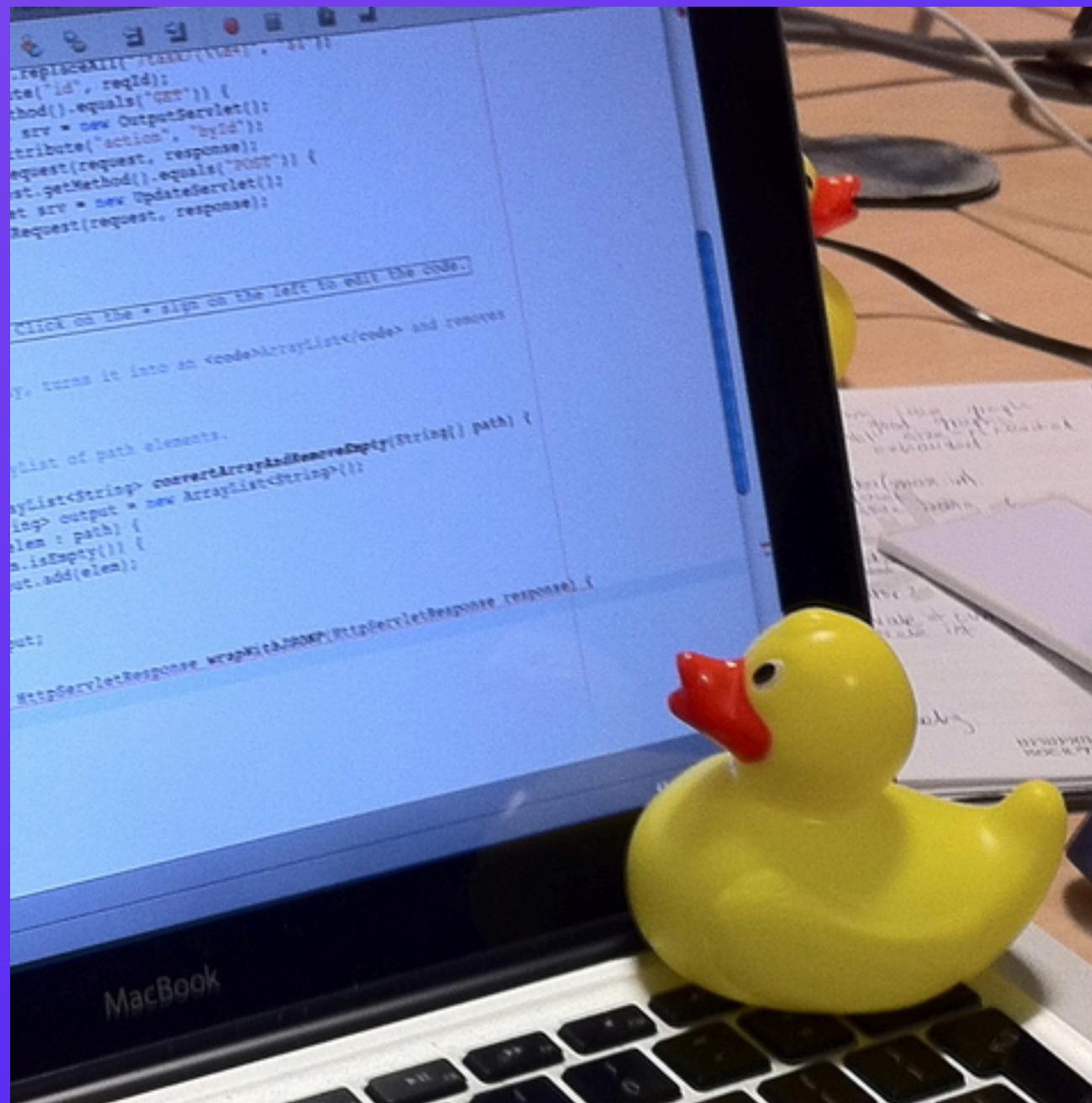
HOW DOES GITHUB WORK?

GitHub works by storing your code in a "repository" that allows you to: Showcase or share your work with other developers. You can track and manage changes to your code over time.



- **Git is a control system used for tracking changes in code.**

WHAT IS GITHUB FOR?



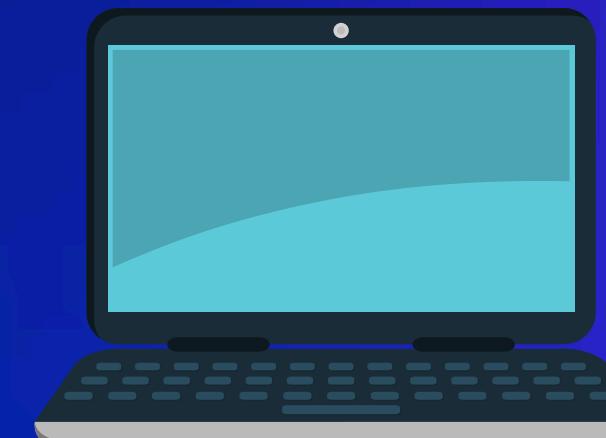
- **Project Management:** Developers can organize work at the same time
- **Code Hosting and Management:** GitHub provides a platform to host repositories for code and project files
- **Project Tracking:** GitHub offers issue-tracking features to report, discuss, and resolve bugs or other problems in a project
- **Collaboration:** Developers can work together on projects at the same time
- **Issue Tracking:** To detect and track errors or bugs in code

GitHub provides the necessary resources to develop coding skills which will help get job opportunities in the Information and Technology fields.

HOW DO I START USING GITHUB?



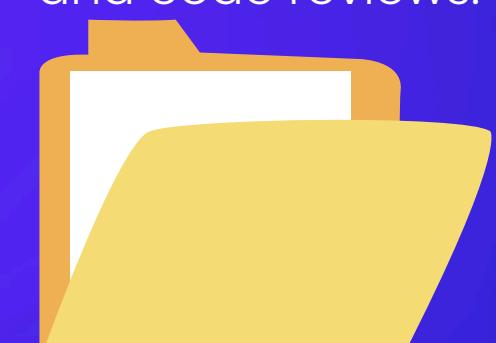
1. Create a Repository: In the upper-right corner of any page, select , then click New repository.



Develop or upload pre-existent code into your repository. You can always make modifications whenever you want



Above the file list, click the dropdown menu that says main and create a branch. GitHub allows for collaboration through features like pull requests and code reviews.



Manage and track your code, remember, Github provides a space where you can experiment with your code " Github Gists".



HOW DO I CREATE A REPOSITORY?



- **Sign in to GitHub** (If you don't have an account, you can create one on the [GitHub website](#)).
- Once logged in, click on the "+" icon in the upper-right corner of the page.
- Select "New repository" from the dropdown menu.
- Fill in the repository details:
- **Name:** Choose a unique name for your repository.
- **Description:** Provide a short description of the repository.
- **Public/Private:** Choose whether the repository will be public or private.
- **Initialize with README:** You can choose to prepopulate the repository with files or with a README file if you want.
- **Click "Create repository".**

HOW TO CREATE A FILE IN REPOSITORY?

- In the repository, click the "Add file" button above the file list.
- Select "Create new file".
- Provide a name for the file and add content to it in the editor.
- Scroll down and click "Commit new file" to save the file.

HOW TO UPLOAD A FILE INTO A REPOSITORY?

- Click the "Add file" button above the file list.
- Select "Upload files".
- Drag and drop the file(s) you want to upload, or click the "choose your files" link to select files from your computer.
- Scroll down and click "Commit changes" to save the file(s) to the repository.



THANK YOU

LINKS:

Dennis Ivy. (2021, 1 junio). Uploading files to GitHub Quick Start Guide [Vídeo]. YouTube.
<https://www.youtube.com/watch?v=qMck70tLDuo>

GitHub. (2022, 9 noviembre). What is GitHub? [Vídeo]. YouTube.
<https://www.youtube.com/watch?v=pBy1zgt0XPc>

Creating a new repository - GitHub Docs. (s. f.). GitHub Docs.
<https://docs.github.com/en/repositories/creating-and-managing-repositories/creating-a-new-repository>

Creating and managing repositories - GitHub Docs. (s. f.). GitHub Docs.
<https://docs.github.com/en/repositories/creating-and-managing-repositories>

Adding a file to a repository - GitHub Docs. (s. f.). GitHub Docs.
<https://docs.github.com/en/repositories/working-with-files/managing-files/adding-a-file-to-a-repository>

Kinsta. (2023, 17 noviembre). What Is GitHub? A Beginner's Introduction to GitHub. Kinsta®. <https://kinsta.com/knowledgebase/what-is-github/>

