how to fork repo

To fork a repository (repo) on cloud-based hosting services like [GitHub](), [GitLab](), or [Bitbucket](), you generally use a simple button on the website's interface. There is no native `git fork` command in Git itself; forking is a feature provided by these hosting services. 🔗

**Step-by-Step Guide (GitHub Example)**

1. **Navigate to the repository:** Open your web browser and go to the page of the public repository you want to fork.

2. **Click the "Fork" button:** Locate and click the **Fork** button, typically found in the top-right corner of the page.

3. **Select an owner and options:** A dialog may appear asking you to choose an owner (your personal account or an organization you belong to) and an optional new name or description for the fork.

4. **Create the fork:** Click **Create fork** to complete the process. The system will create an independent copy of the repository in your account. 🔗

You are now the owner of this new, separate copy and can make changes to it without affecting the original (upstream) repository. 🔗

**Next Steps in the Forking Workflow**

Once you have forked the repository, you can follow these steps to work with it:

- **Clone your fork locally:** On your computer, use `git clone <URL-of-your-fork>` to create a local copy.

- **Make changes:** Create a new branch, make your desired changes, and commit your work in your local repository.

- **Push changes to your fork:** Push your local changes back to your remote fork on GitHub (the `origin` remote).

- **Create a pull request (PR):** To propose merging your changes into the original repository, create a pull request from your fork to the upstream repository.

- **Sync your fork (optional but recommended):** To keep your fork updated with changes from the original repository, you need to configure an `upstream` remote and pull changes from it periodically. More details can be found in the [GitHub documentation](). 🔗

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**10 sites**

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