ABOUT

GitHub is the largest Git-based version-control platform. Now it hosts more than 38 million projects and is commonly used by open-source communities.

GitHub has a simple User Interface that quickly gets developers in the flow of working with Git algorithms. Another defining characteristic is its speed – the service pushes and pulls requests and merges versions [vɜːʃn] quickly.

The free version of GitHub allows developers to work with public and private repositories, contribute to them, and collaborate. The cost depends on the number of users.

FEATURES

The main functionality of GitHub is repository branching and forking, pull and merge requests, codebase cloning. Developers can quickly upload files to remote repositories and receive immediate notifications from other contributors.

GitHub also has wiki support – a built-in tool for making and sharing version documentation.

The service supports several text formats, including [Markdown](https://en.wikipedia.org/wiki/Markdown" \t "_blank).

feature list:

* Issue tracker that detects problems within the codebase and alerts collaborators;
* GitHub supports epics that allow tracking the progress of the team;
* Roadmaps help to plan team projects and pinpoint key milestones;
* Estimation and points: developers can estimate effort [ˈefət] points for each issue and share details with collaborators;
* Synchronizing merged versions, GitHub issues, and pull requests;
* Desktop applications for Windows and Mac
* The support of 200+ programming languages
* [Integrations](https://github.com/integrations) with [AWS, Windows Azure, Google Cloud](https://jelvix.com/blog/aws-vs-google-cloud-vs-azure)
* GitHub Pages is a built-in service for building and hosting sites with GitHub.
* Syntax highlighting
* Popular open-source communities

interface

* **GitHub**: a lot of guides and tutorials, basic functionality can be accessed quickly, the interface is minimalistic and easy-to-understand. The downside is the lack of native integrations with Jira and a lack of advanced CI features.

**GitHub pricing**

* **Free:**unlimited public and private repositories, unlimited number of collaborators, 500MB of storage;
* **Team ($4/month)**: 2GB of repositories and all features of the free plan;

**Enterprise ($12/month)**: all features of the Team plan, 50GB of storage, advanced auditing [ˈɔːdɪtɪŋ], and SAML; (security assertion markup language)

* **(the custom pricing)**: the ultimate plan giving access to 24/7 official support, enhance [ɪnˈhɑːnst] security, and continuous learning bonuses.

**THAT’S ALL**

**GitHub Statistics**

* GitHub is the biggest code repository, used both by organizations for private access and open-source collaboration. The platform is so popular that people often think it’s synonymous with Git itself. According to [Statista](https://www.statista.com/statistics/824812/worldwide-github-popular-open-source-projects/), GitHub hosts leading open-source tools, including Flutter, Microsoft’s VS Code and Azure Docs, Facebook’s React Native, Tensor Flow, Kubernetes, and others.
* Currently, GitHub is used by [40 million users](https://en.wikipedia.org/wiki/GitHub#:~:text=As%20of%20January%202020%2C%20GitHub,source%20code%20in%20the%20world.), according to the data released in January 2020. It’s used by Microsoft, Facebook, Google, and other large corporations. In terms of popularity, this distributed version control service is the leader.
* According to Google Trends, the popularity of GitHub has been fairly consistent over the last two years. The community will likely keep growing.

