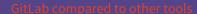
GitHub.com vs. GitLab Selfhosted





GitLab is the next-generation development toolset that covers 100% of your software development lifecycle.

GitLab unifies chat, issues, code review, CI, CD, and cycle analytics into a single UI. Unlike other source code management tools that only support a portion of your development lifecycle, GitLab delivers a unified experience for every step of the development lifecycle providing the most efficient approach to software delivery. So no matter what line of business you're in, GitLab gives you the edge to compete, innovate, and win.

FEATURES		
Free for private projects		
GitLab is free for unlimited private projects. GitHub doesn't provide private projects for free.		•
Built-in Continuous Integration and Continuous Deployment		
GitLab has built-in CI/CD, for free. GitHub has 3rd party CI/CD, which depends on GitHub, that are expensive if your projects are private. Documentation on CI	•	8
CI/CD best practices		
Everyone in your organization with GitLab is able to setup and manage CI/CD. GitHub and its external CI/CD encourages this knowledge to be restricted to a bunch of devops.	•	×
More control during downtime	_	
When GitHub is down, you have to wait for GitHub to make it available again. When your GitLab instance is down, everything is under your control.	•	×
You decide when you upgrade		
GitLab releases a new version each month, and lets you choose when to upgrade. GitHub updates its product without you being able to do anything about it.	•	×
Flexible permissions		
Set permissions according to people's role, rather than either read or write access to a repository. Don't share the source code with people that only need access to the issue tracker.	•	×
See the various roles		
Innersourcing		_
Internal projects in GitLab allow you to promote innersourcing of your internal repositories. Find out more about innersourcing	•	×

Faster from Idea to Production

GitLab has a different approach to code development and deployment compared with GitHub. GitLab focuses on delivering a holistic solution that will see developers from idea to production





In GitHub, when a user opens a pull request from a fork, they are given the option that allows the upstream repository contributors to collaborate with them on their new branch. GitLab allows you to restrict pushes very carefully, but does not have this option.





GitLab issue to implement the same feature		
Cycle Analytics		
GitLab provides a dashboard that lets teams measure the time it takes to go from an idea to production. GitLab can provide this data because it has all the tools built-in: from the idea, to the CI, to code review, to deploy to production. GitHub can't provide this data. Feature Highlight: Cycle Analytics	•	8
Slash commands		
GitLab provides a convenient way to change meta data of an issue or merge request withouth leaving the comment field with slash commands. Documentation about slash commands	•	8
Issue board		
GitHub has Projects, which are not tight to labels in any way, making it hard to automatize flows. GitLab has Issue boards. Each list of an issue board is based on a label that exists in your issue tracker. The Issue Board will therefore match the state of your issue tracker in a user friendly way. Feature highlight: Issue Boards	•	•
Drag and drop tasks		
You can change the order of tasks in markdown on GitHub. GitLab does not have this ability, but is considering implementing it. See the GitLab issue to implement this	×	•
Time tracking		
Time Tracking in GitLab lets your team add estimates and record time spent on issues and merge requests. GitHub doesn't have this feaure out of the box. Check the Time tracking feature	•	8
Built-in Docker Registry		
GitLab Container Registry is a secure and private registry for Docker images. It allows for easy upload and download of images from GitLab CI. It is fully integrated with Git repository management. Documentation on Container Registry	•	8

Monitoring built-in

GitLab ships with an open source monitoring solution, Prometheus, which offers world-class

Documentation about Monitoring

monitoring of the GitLab server's resources.

New features every month GitLab is updated with new features and improvements every month on the 22nd.