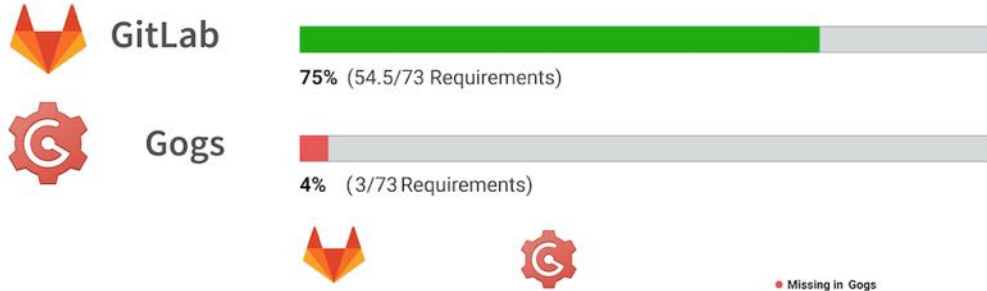


# GitLab vs Gogs

## Decision Kit



Category	GitLab Score	GitLab Progress	Gogs Score	Gogs Progress	Missing in Gogs
Manage	5.5/8	<div style="width: 69%;"></div>			<ul style="list-style-type: none"> <li>Subgroups</li> <li>Audit Events</li> <li>Audit Reports</li> <li>Compliance Management</li> <li>Code Analytics</li> <li>DevOps Reports</li> <li>Value Stream Management</li> <li>Insights</li> </ul>
Plan	6/8	<div style="width: 75%;"></div>	1/8	<div style="width: 12.5%;"></div>	<ul style="list-style-type: none"> <li>Issue Tracking</li> <li>Kanban Boards</li> <li>Time Tracking</li> <li>Epics</li> <li>Roadmaps</li> <li>Service Desk</li> <li>Requirements Management</li> <li>Quality Management</li> </ul>
Create	7.5/8	<div style="width: 94%;"></div>	2/8	<div style="width: 25%;"></div>	<ul style="list-style-type: none"> <li>Source Code Management</li> <li>Code Review</li> <li>Wiki</li> <li>Static Site Editor</li> <li>Web IDE</li> <li>Live Preview</li> <li>Snippets</li> <li>Design Management</li> </ul>
Verify	6/8	<div style="width: 75%;"></div>			<ul style="list-style-type: none"> <li>Continuous Integration</li> <li>Code Quality</li> <li>Code Testing and Coverage</li> <li>Load Testing</li> <li>Web Performance</li> <li>Usability Testing</li> <li>Accessibility Testing</li> <li>Merge Trains</li> </ul>
Package	4.5/6	<div style="width: 75%;"></div>			<ul style="list-style-type: none"> <li>Package Registry</li> <li>Container Registry</li> <li>Helm Chart Registry</li> <li>Dependency Proxy</li> <li>Jupyter Notebooks</li> <li>Git LFS</li> <li>Dependency Firewall</li> </ul>
Secure	7/8	<div style="width: 88%;"></div>			<ul style="list-style-type: none"> <li>SAST</li> <li>DAST</li> <li>Fuzz Testing</li> <li>Dependency Scanning</li> <li>Container Scanning</li> <li>License Compliance</li> <li>Secret Detection</li> <li>Vulnerability Management</li> </ul>
Release	7/8	<div style="width: 88%;"></div>			<ul style="list-style-type: none"> <li>Continuous Delivery</li> <li>Pages</li> <li>Review Apps</li> <li>Advanced Deployments</li> <li>Feature Flags</li> <li>Release Orchestration</li> <li>Release Evidence</li> <li>Secrets Management</li> </ul>
Configure	4.5/7	<div style="width: 64%;"></div>			<ul style="list-style-type: none"> <li>Auto DevOps</li> <li>Kubernetes Configuration</li> <li>ChatOps</li> <li>Runbooks</li> <li>Serverless</li> <li>Infrastructure as Code</li> <li>Cluster Cost Optimization</li> </ul>
Monitor	5/8	<div style="width: 63%;"></div>			<ul style="list-style-type: none"> <li>Metrics</li> <li>Alert Management</li> <li>Incident Management</li> <li>Logging</li> <li>Tracing</li> <li>Error Tracking</li> <li>Product Analytics</li> <li>Synthetic Monitoring</li> </ul>
Defend	1.5/3	<div style="width: 50%;"></div>			<ul style="list-style-type: none"> <li>Web Application Firewall</li> <li>Container Host Security</li> <li>Container Network Security</li> </ul>

Gogs is a lightweight Git server written in Go which is designed to be simple to set up and operate and can be run on just about anything. It is 100% open source under the MIT OSS license and provided only in self-managed form. Gogs offers repository file viewing and editing, project issue tracking, and a built-in wiki for project documentation.

## Feature Comparison

### FEATURES

#### Built-in CI/CD

- CORE
- STARTER
- PREMIUM
- ULTIMATE



FREE BRONZE SILVER GOLD

GitLab has built-in Continuous Integration/Continuous Delivery, for free, no need to install it separately. Use it to build, test, and deploy your website (GitLab Pages) or webapp. The job results are displayed on merge requests for easy access.



[Learn more about CI/CD](#)

#### Runs with less memory and consumes less CPU power

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Uses little memory, it runs fine with 512MB. Uses little CPU power since Go is a compiled language

#### Issues

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Quickly set the status, assignee or milestone for multiple issues at the same time or easily filter them on any properties. See milestones and issues across projects.

[Learn more about the Issue Tracker](#)

#### Labels

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Labels provide an easy way to categorize issues, merge requests, or epics based on descriptive titles as 'bug', or 'documentation'.

[Learn more about GitLab Labels](#)

#### Milestones

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Create and manage milestones at both the project and group levels, viewing all the issues for the milestone you're currently working on, representing an Agile program increment or a release.

[Learn more about Milestones](#)

#### Iterations

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Create and manage iterations at the group level, view all the issues for the iteration you're currently working on within your group or project, and enable all subgroups and projects to stay in sync on the same cadence.

[Learn more about Iterations](#)

#### Issue Due Dates

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



In GitLab, you can set a due date for individual issues. This is very convenient if you have small tasks with a specific deadline.

[Due dates documentation](#)

#### Move Issue to Another Project

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



You can move issues between projects in GitLab. All links, history and comments will be copied and the original issue will reference the newly moved issue. This makes working with multiple issue trackers much easier.

[Learn more about moving issues between projects](#)

#### Mark Issue as Duplicate

CORE STARTER PREMIUM ULTIMATE  
FREE BRONZE SILVER GOLD



Mark an issue as a duplicate of another issue, closing it.

[Learn more about marking duplicate issues](#)

#### Todos



When a user is mentioned in or assigned to an issue or merge request it will be included in the user Todos, making the development workflow faster and easier to track.



[Learn more about Todos](#)

#### Project Issue Board



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.



[Learn more about GitLab Issue Boards](#)

#### Time Tracking



Time Tracking in GitLab lets your team add estimates and record time spent on issues and merge requests.



[Learn more about Time Tracking](#)

#### Repository pull mirroring



Mirror a repository from a remote Git server to your local server, making it easy to keep local forks and replicas up to date.



[Learn more about repository pull mirroring](#)

#### Create new branches from issues



In GitLab, you can quickly create a new branch from an issue on the issue tracker. It will include the issue number and title automatically, making it easy to track which branch belongs to which issue.



[See how in our documentation](#)

#### Application performance monitoring



GitLab collects and displays performance metrics for deployed apps, leveraging Prometheus. Developers can determine the impact of a merge and keep an eye on their production systems, without leaving GitLab.



[Learn more about monitoring deployed apps](#)

#### Application performance alerts



GitLab allows engineers to seamlessly create service level indicator alerts and be notified of any desired events, all within the same workflow where they write their code.



[Learn more about creating SLI alerts](#)

#### Value Stream Analytics



GitLab provides a dashboard that lets teams measure the time it takes to go from planning to monitoring. 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.

[Learn more about Value Stream Analytics](#)

#### Group Level Value Stream Analytics

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab provides a group dashboard that lets teams measure the time it takes to go from planning to monitoring. 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.



[Learn more about Value Stream Analytics](#)

#### Create merge request from email

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Create a merge request from email by sending in the merge request title, description, and source branch name. Alternatively use patch files to create a merge request without first pushing a branch.



[Create merge request from email](#)

#### Built-in Container Registry

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

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. (Codefresh will be ending their support for private docker registries as of May 1, 2020)



[Documentation on Container Registry](#)

#### Preview your changes with Review Apps

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

With GitLab CI/CD you can create a new environment for each one of your branches, speeding up your development process. Spin up dynamic environments for your merge requests with the ability to preview your branch in a live environment. Review Apps support both static and dynamic URLs.



[Learn more about Review Apps](#)

#### Environments Auto-stop

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This feature allows users to configure an optional expiration date which can be set for review app environments.



[Learn more about Environments auto-stop](#)

#### New features every month

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

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



#### One integrated tool

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Other tools require the integration of multiple 3rd party tools to complete the software development lifecycle. GitLab has a completely integrated solution that covers the entire development lifecycle.



#### AD / LDAP integration

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Sync groups, manage SSH-keys, manage permissions, authentication and more. You can manage an entire GitLab instance through the LDAP / AD integration.



[More information about AD / LDAP integration](#)

### Remote repository push mirroring

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Mirror a repository from your local server to elsewhere. Push mirroring is supported via HTTP and SSH using password authentication, and using public-key authentication with SSH.



[Learn more about repository push mirroring](#)

### File Locking

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Working with multiple people on the same file can be a risk. Conflicts when merging a non-text file are hard to overcome and will require a lot of manual work to resolve. With GitLab Premium, File Locking helps you avoid merge conflicts and better manage your binary files by preventing everyone, except you, from modifying a specific file or entire directory.



[Learn more about File Locking](#)

### Support for Scaled GitLab

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Premium includes support for scaling GitLab services across multiple nodes to manage demands on your system and provide redundancy. GitLab has developed reference architectures so you can easily determine the optimal architecture for your needs.



[Learn more about scaling GitLab](#)

### Deploy Boards

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Premium ships with Deploy Boards offering a consolidated view of the current health and status of each CI/CD environment running on Kubernetes. The status of each pod of your latest deployment is displayed seamlessly within GitLab without the need to access Kubernetes.



[Learn more about Deploy Boards](#)

### Automatically close issue(s) when a merge request is merged

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

With GitLab, you can use specific keywords to close one or more issues as soon as a merge request is merged.



[Learn more about automatically closing issues](#)

### Work in Progress merge requests (WIP)

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Prevent merge requests from accidentally being accepted before they're completely ready by marking them as Work in Progress (WIP). This gives you all the code review power of merge requests, while protecting unfinished work.



[Learn more about WIP MRs](#)

### Git LFS 2.0 support

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Manage large files such as audio, video and graphics files with the help of Git LFS. Git LFS 2.0 file locking support helps large teams work with binary assets and is integrated with our native file locking feature.



[Learn more about Git LFS support in GitLab](#)

### View Kubernetes pod logs

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

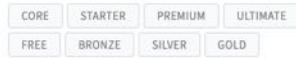
The monitoring of servers, application, network and security devices via generated log files to identify errors and problems for analysis. GitLab makes it easy to view the logs of running pods in connected Kubernetes clusters. By displaying the logs directly in GitLab, developers can avoid having to manage console tools or jump to a different interface.



[Learn more about viewing Kubernetes pod logs](#)

---

#### Leverage virtual package registries to simplify package management workflows.



A virtual registry is a collection of local, remote and other virtual registries accessed through a single logical URL.



[GitLab Epic detailing the issues required to add this functionality.](#)

---

#### Forward requests for packages not found in GitLab to npmjs.com



By default, when an NPM package is not found in the GitLab NPM Registry, the request is forwarded to npmjs.com



[Check out the docs to learn more](#)

---

#### Conan (C/C++) Repository



Conan is an open source, decentralized and multi-platform C/C++ Package Manager for developers to create and share native binaries.



[Documentation on the Conan Repository](#)

---

#### Maven (Java) Repository



GitLab's Maven repository makes it easier to publish and share Java libraries across an organization, and ensure dependencies are managed correctly. It is fully integrated with GitLab, including authentication and authorization.



[Documentation on the Maven Repository](#)

---

#### NPM (node) Registry



GitLab's NPM repository makes it easier to publish and share NPM packages across an organization, and ensure dependencies are managed correctly. It is fully integrated with GitLab, including authentication and authorization.



[Documentation on the NPM Registry](#)

---

#### NuGet (.NET) Repository



GitLab's NuGet Repository allows C#/.NET developers to create, publish and share packages using the NuGet client or visual studio.



[Documentation on the NuGet Repository](#)

---

#### PyPI (Python) Repository



Python developers can set up GitLab as a remote PyPI repository and build, publish, and share packages using the PyPI client or GitLab CI/CD.



[Documentation for the PyPI Repository](#)

---

#### RPM (Linux) Repository

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This planned feature will enable Linux developers to build, publish and share RPM packages alongside their source code and pipelines.



[Check out the issue for additional details on implementation and timing](#)

### Debian (Linux) Repository

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This planned feature will enable Linux developers to build, publish and share Debian packages alongside their source code and pipelines.



[Check out the issue for additional details on implementation and timing](#)

### RubyGems (Ruby) Repository

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This planned feature will enable Ruby developers to setup GitLab as a remote RubyGems repository and to build, publish and share packages using the command line or GitLab CI/CD. This will also be a valuable feature for GitLab and help with [dogfooding](#)



[Check out the issue for additional details on implementation and timing](#)

### Go Proxy

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This planned feature will enable Go developers to publish and share their packages right alongside their source code and pipelines. This will also be a valuable feature for GitLab and help with [dogfooding](#)



[Read the Go Proxy docs](#)

### Composer (PHP) Repository

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

This planned feature will enable PHP developers to build, publish and share their packages right alongside their source code and pipelines.



[Check out the docs](#)

### Use the Package Registry through REST API

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Enables support for automation and integration of the GitLab Package Registry through a REST API.



[Documentation on API](#)

### Git protocol v2 support

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Git's wire protocol defines how clones, fetches and pushes are communicated between the client and server. Git protocol v2 improves performance of fetch commands and enables future protocol improvements.



[Learn more about Git protocol v2](#)

Get Your Free Trial





## Why GitLab?

- [Product](#)
- [Solutions](#)
- [Services](#)
- [DevOps lifecycle](#)
- [DevOps tools](#)
- [Is it any good?](#)
- [Releases](#)
- [Pricing](#)
- [Get started](#)

## Resources

- [All resources](#)
- [All-Remote](#)
- [Blog](#)
- [Newsletter](#)
- [Events](#)
- [Webcasts](#)
- [Topics](#)
- [Training](#)
- [Docs](#)
- [Install](#)

## Community

- [Customers](#)
- [Contribute](#)
- [Partners](#)
- [Channel Partners](#)
- [Explore repositories](#)
- [Source code](#)
- [Shop](#)
- [Direction](#)
- [Contributors](#)
- [Core Team](#)
- [Hall of fame](#)
- [Community Forum](#)

## Support

- [Get help](#)
- [Contact Sales](#)
- [Contact Support](#)
- [Support options](#)
- [Status](#)
- [Customers portal](#)

## Company

- [About](#)
- [What is GitLab?](#)
- [Jobs](#)
- [Culture](#)
- [Team](#)
- [Press](#)
- [Analysts](#)
- [Handbook](#)
- [Security](#)
- [Contact](#)
- [Terms](#)
- [Privacy](#)
- [Trademark](#)

Git is a trademark of Software Freedom Conservancy and our use of 'GitLab' is under license