

GitLab vs JetBrains TeamCity

Decision Kit



Category	GitLab Score	TeamCity Score	Missing in TeamCity
Manage	5.5/8	4/8	Subgroups, Audit Events, Audit Reports, Compliance Management, Code Analytics, DevOps Reports, Value Stream Management, Insights
Plan	6/8	7/8	Issue Tracking, Kanban Boards, Time Tracking, Epics, Roadmaps, Service Desk, Requirements Management, Quality Management
Create	7.5/8	2/8	Source Code Management, Code Review, Wiki, Static Site Editor, Web IDE, Live Preview, Snippets, Design Management
Verify	6/8	7/8	Continuous Integration, Code Quality, Code Testing and Coverage, Load Testing, Web Performance, Usability Testing, Accessibility Testing, Merge Trains
Package	4.5/6	2/7	Package Registry, Container Registry, Helm Chart Registry, Dependency Proxy, Jupyter Notebooks, Git LFS, Dependency Firewall
Secure	7/8	3/8	SAST, DAST, Fuzz Testing, Dependency Scanning, Container Scanning, License Compliance, Secret Detection, Vulnerability Management
Release	7/8	2/8	Continuous Delivery, Pages, Review Apps, Advanced Deployments, Feature Flags, Release Orchestration, Release Evidence, Secrets Management
Configure	4.5/7	2/7	Auto DevOps, Kubernetes Configuration, ChatOps, Runbooks, Serverless, Infrastructure as Code, Cluster Cost Optimization
Monitor	5/8	5/8	Metrics, Alert Management, Incident Management, Logging, Tracing, Error Tracking, Product Analytics, Synthetic Monitoring
Defend	1.5/3		Web Application Firewall, Container Host Security, Container Network Security

Summary

Team City Java-based build management and continuous integration server from JetBrains. They are widely know for their extended family of integrated development environments (IDEs) for SQL and the programming languages Java, Kotlin, Ruby, Python, PHP, Objective-C, C++, C#, Go and JavaScript. Team City is known for its ease of configuration, reliability and GitHub configuration.

In contrast, GitLab already provides more than what TeamCity does with CI only, by providing a fully integrated single application for the entire DevOps lifecycle. More than TeamCity, GitLab also provides planning, SCM, packaging, release, configuration, and monitoring (in addition to the CI TeamCity is focused on). ## Resources * [TeamCity Website](#) * [TeamCity Wikipedia](#)

Feature Comparison

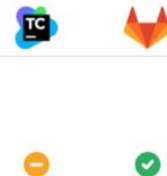
FEATURES

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](#)



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](#)

Built for using containers and Docker

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab ships with its own Container Registry, Docker CI Runner, and is ready for a complete CI/CD container workflow. There is no need to install, configure, or maintain additional plugins.



[Read the docs](#)

Cloud Native

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab and its CI/CD is Cloud Native, purpose built for the cloud model. GitLab can be easily deployed on Kubernetes and used to deploy your application to Kubernetes with support out of the box.



[Kubernetes integration](#)

Comprehensive pipeline graphs

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Pipelines can be complex structures with many sequential and parallel jobs. To make it a little easier to see what is going on, you can view a graph of a single pipeline and its status.



[Learn more about pipeline graphs](#)

Browsable artifacts

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

With GitLab CI you can upload your job artifacts in GitLab itself without the need of an external service. Because of this, artifacts are also browsable through GitLab's web interface.



[Learn more about using job artifacts in your project](#)

Latest artifacts locked to prevent deletion

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

The latest artifact of a successful job and pipeline on any active branch, MR, or tag is automatically locked to prevent being deleted. This makes it possible to set an aggressive expiration policy to clean up older artifacts, reduce disk space consumption, and ensure the latest artifact is always available.



[Learn more about job artifacts expiration](#)

Scheduled triggering of pipelines

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

You can make your pipelines run on a schedule in a cron-like environment.



[Learn how to trigger pipelines on a schedule in GitLab](#)

Code Quality MR Widget

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Code Quality reports are available in the merge request widget area, giving you early insights into how the change will affect the health of your code before deciding if you want to accept it.



[Learn more about Code Quality](#)

Code Quality Reports

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Full Code Quality reports are available on the pipeline page, showing areas of the codebase that do not meet the organization's preferred style or standards.



[Learn more about Code Quality reports](#)

Multi-project pipeline graphs

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

With multi-project pipeline graphs you can see how upstream and downstream pipelines are linked together for projects that are linked to others via triggers as part of a more complex design, as it is for micro-services architecture.



[Learn more about multi-project pipeline graphs](#)

Easy integration of existing Kubernetes clusters

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Add your existing Kubernetes cluster to your project, and easily access it from your CI/CD pipelines to host Review Apps and to deploy your application.

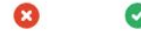


[Read more on the issue](#)

GitLab Kubernetes Agent

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Manage the deployments and connection to your Kubernetes clusters in a secure and compliant way, driven by code.



[Read more on the issue](#)

Minimal CI/CD configuration

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab CI/CD requires less configuration for your pipelines than other similar setups like Jenkins.



[Learn more about GitLab CI/CD](#)

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](#)

[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

