Plutora focuses on value stream management solutions for enterprises. Plutora tries to improve the speed and quality of application delivery by correlating data from existing tool-chains, coordinating delivery across diverse ecosystem of development methodologies and hybrid test environments, and incorporates test metrics gathered at every step of the delivery pipeline. Essentially, it is a reporting and visibility platform across the development lifecycle.

### Feature Comparison

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- **Management**
  - Subgroups
  - Audit History
  - Audit Reports
  - Compliance Management

- **Plan**
  - Issue Tracking
  - Release Boards
  - Iteration Planning
  - Epic

- **Create**
  - Source Code Management
  - Code Review
  - Wiki
  - Metric Site Editor

- **Verify**
  - Continuous Integration
  - Code Quality
  - Static Code Analysis and Coverage
  - Load Testing

- **Package**
  - Package Registry
  - Container Registry
  - Helm Chart Registry
  - Dependency Proxy

- **Secure**
  - SAST
  - Unit Testing
  - Code Quality

- **Release**
  - Continuous Delivery
  - YAML
  - Artifactory
  - Deployments

- **Configure**
  - Auto Deploy
  - Infrastructure as Code
  - Multitenancy

- **Monitor**
  - Monitoring
  - Alert Management
  - Incident Management
  - Logging

- **Defend**
  - Web Application Firewall
  - Container Network Security
  - Container Network Security
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

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

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

Built-in Container 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. (Codecov will be ending their support for private docker registries as of May 1, 2020)

Documentation on Container Registry

Preview your changes with Review Apps

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

Web IDE

Contribute to projects faster by using the Web IDE to avoid context switching in your local development environment. The Web IDE is integrated with merge requests and GitLab CI so that you can resolve feedback, fix failing tests and preview changes live with client side evaluation without leaving the Web IDE.

Learn more about the Web IDE

Live Preview in the Web IDE

Preview changes as you make them to your JavaScript and static HTML projects with Live Preview in the Web IDE.

Learn more about the Web IDE

Container debugging with an integrated web terminal

Easily debug your containers in any of your environments using the built-in GitLab Web Terminal. GitLab can open a terminal session directly from your environment if your application is deployed on Kubernetes. This is a very powerful feature where you can quickly debug issues without leaving the comfort of your web browser.

Learn more about the Web terminal
Comprehensive pipeline graphs

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

Scheduled triggering of pipelines

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

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

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

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

Environments and deployments

GitLab CI is capable of not only testing or building your projects, but also deploying them in your infrastructure, with the added benefit of giving you a way to track your deployments. Environments are like tags for your CI jobs, describing where code gets deployed.

Learn more about environments

Environments history

Environments history allows you to see what is currently being deployed on your servers, and to access a detailed view for all the past deployments. From this list you can also re-deploy the current version, or even rollback an old stable one in case something went wrong.

Learn more about history of an environment

Object storage for artifacts

Artifacts can be stored on Object Storage (Amazon S3)

Learn how to store artifacts on object storage

Object storage for LFS
LFS files can be stored on Object Storage (Amazon S3)

Learn how to store artifacts on object storage

Auto DevOps

Auto DevOps brings DevOps best practices to your project by automatically configuring software development lifecycles by default. It automatically detects, builds, tests, deploys, and monitors applications.

Read more about Auto DevOps in the documentation

Easy integration of existing Kubernetes clusters

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

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

Read more on the issue

Support for multiple Kubernetes clusters

Easily deploy different environments, like Staging and Production, to different Kubernetes clusters. This allows to enforce strict data separation.

Read more on the issue

Minimal CI/CD configuration

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

Learn more about GitLab CI/CD

Multiple integrations

GitLab can integrate with Authentication and Authorization (LDAP / AD) mechanisms, multiple 3rd party services, CI/CD, and other tools such as ALM, PLM, Agile and Automation tools.

Learn more about GitLab's integrations

Static Application Security Testing

GitLab allows easily running Static Application Security Testing (SAST) in CI/CD pipelines; checking for vulnerable source code or well known security bugs in the libraries that are included by the application. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about Static Application Security Testing

Secret Detection


GitLab allows you to perform Secret Detection in CI/CD pipelines; checking for unintentionally committed secrets and credentials. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about Secret Detection

Container Scanning

When building a Docker image for your application, GitLab can run a security scan to ensure it does not have any known vulnerability in the environment where your code is shipped. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about container scanning

Dynamic Application Security Testing

Once your application is online, GitLab allows running Dynamic Application Security Testing (DAST) in CI/CD pipelines; your application will be scanned to ensure threats like XSS or broken authentication flaws are not affecting it. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about application security for containers

Interactive Application Security Testing

IAST combines elements of static and dynamic application security testing methods to improve the overall quality of the results. IAST typically uses an agent to instrument the application to monitor library calls and more. GitLab does not yet offer this feature.

On-demand Dynamic Application Security Testing

"There's no reason to wait for the next CI pipeline run to find out if your site is vulnerable or to reproduce a previously found vulnerability. GitLab offers scanning your running application with On-demand Dynamic Application Security Testing (DAST), independent of code changes or merge requests."

Learn more about On-demand DAST