

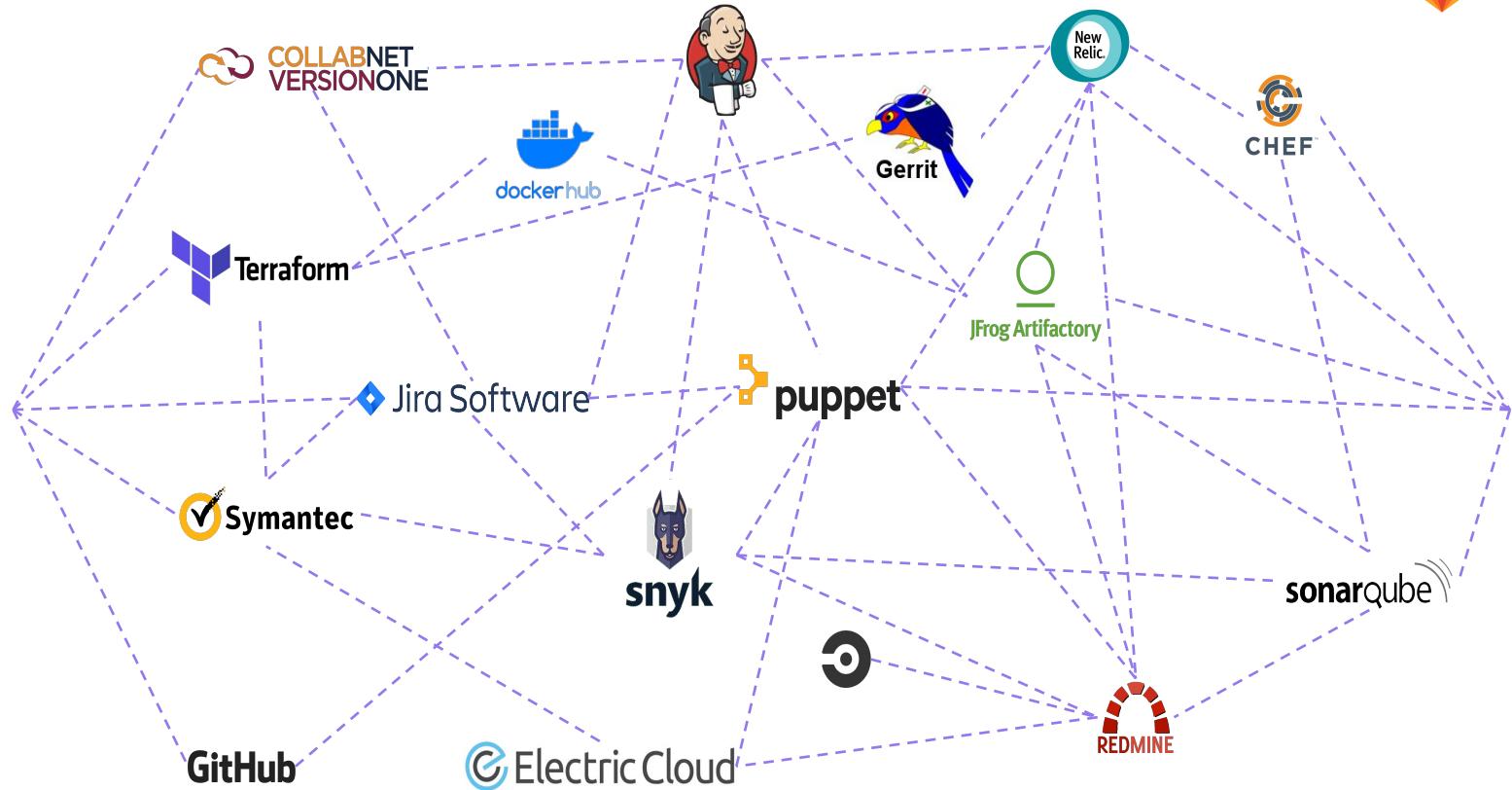


GitLab

Introduction to GitLab

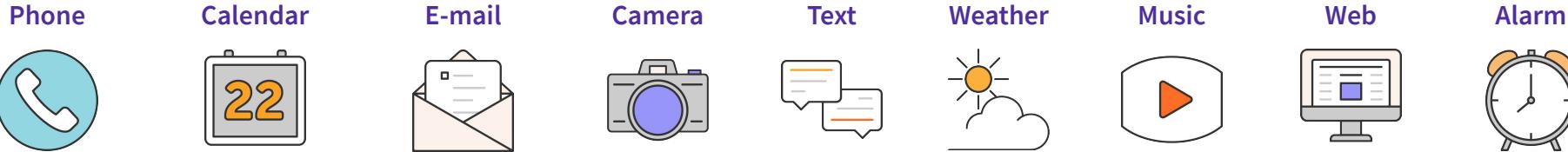
DevOps is transforming how companies deliver software

Today's software delivery landscape



Toolchain tax - multiple tools, fragile integrations, hard to scale, outages

Reminds us of this - we used a mix of services before...



... the Smart Phone disrupted multiple industries



REPLACED OLD POINT TOOLS...

- Phone →
- Calendar →
- Email →
- Camera →
- Text →
- Weather →
- Music →
- Web browsers →
- Alarm Clocks →



ENABLED ENTIRELY NEW CAPABILITIES...

- Social media
- Social networking
- Location services
- Streaming media
- eCommerce
- Alerts
- Reservations
- Ride-sharing
- ...

A single, intuitive user experience, data model and integrations

What's needed for digital transformation?



Increase Operational Efficiencies

One consistent view and collaboration space for Dev, Ops, and Security teams
Public cloud independent, deploy anywhere, SaaS and/or self-managed



Deliver Better Products Faster

Ability to work in parallel, get feedback and not have to wait on other teams
Automate testing, security, deployments to minimize manual intervention
Assess and resolve security, compliance, and code quality issues at the point of code change



Reduce Security and Compliance Risk

Decrease security exposure, cleaner and easier audits, reduce disruptions



Increase Operational Efficiencies

- Total Cost of ownership (license, FTEs, cost of compute) of toolchain
- Cycle time
- Deployment frequency
- Developer turnover, employee satisfaction



Deliver Better Products Faster

- Revenue, Number of customers, Market Share
- % of releases on time, on-budget releases
- Cycle time; time per stage and waiting time; throughput per developer
- Mean time to resolution (MTTR)



Reduce Security and Compliance Risk

- % of code scanned
- % of critical security vulnerabilities that escaped development
- Audit pass rate; time spent on audits
- Mean time to resolution (MTTR) of security vulnerabilities

Say hello to GitLab - an entirely new thing



GITLAB IS REPLACING POINT TOOLS...

- Project management →
- SCM →
- CI/CD →
- Issue tracking →
- Container registries →
- Logging →
- Dependency scanning →
- License management →



AND ENABLING ENTIRELY NEW CAPABILITIES...

- Concurrent development
- Moving security forward (SecDevOps)
- Seamless collaboration
- Full accountability
- Cycle time measurement
- Transparency
- Real-time feedback
- ...

A single, intuitive user experience, data model and integrations

A Complete DevOps Platform Delivered as a Single Application



Manage



Plan



Create



Verify



Package



Secure



Release



Configure



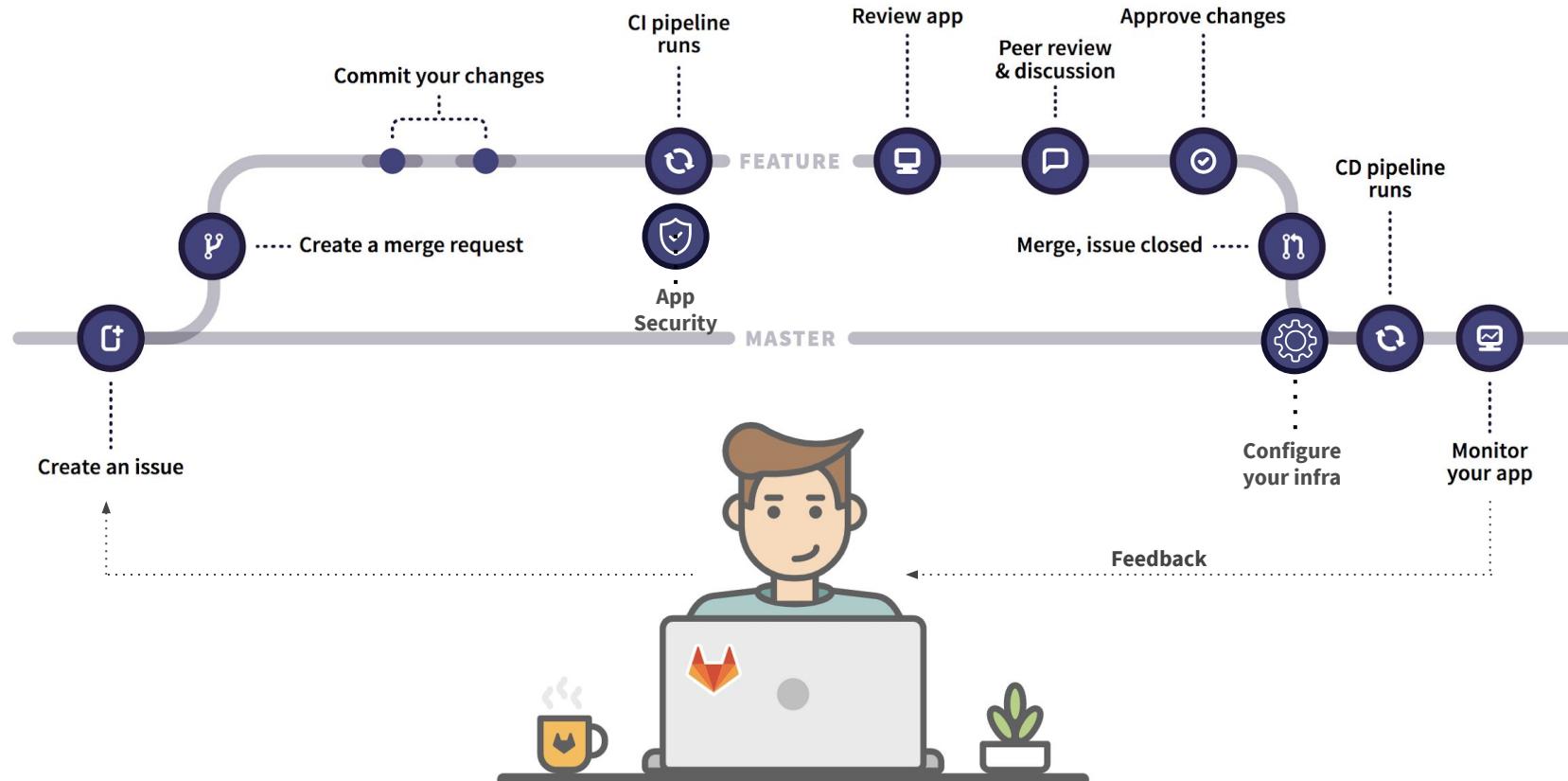
Monitor



Defend

Single Conversation
Single Data Store
Single Permission Model
Single Interface
Governance & Security
Team Collaboration
Lifecycle Analytics

DevOps Best Practices Built In



Integrating SCM and CI doesn't have to be painful



“Learning one tool's conventions (GitLab) has been so much better than trying to glue three different tools together (e.g. Bitbucket, Jira, Jenkins, Confluence), each with their own words.

In GitLab, the repository is the center of all attention, and there's no ambiguity about how each feature (say a build or a documentation site) relates to it.”

Customer Quote from Q1 FY20 System Usability Scale Survey

We are a uniquely transparent partner



Manage	Plan	Create	Verify	Package	Secure	Release	Configure	Monitor	Defend
Since 2016 GitLab added:	Since 2011 GitLab added:	Since 2011 GitLab added:	Since 2012 GitLab added:	Since 2016 GitLab added:	Since 2017 GitLab added:	Since 2016 GitLab added:	Since 2018 GitLab added:	Since 2017 GitLab added:	On our roadmap:
<input checked="" type="radio"/> Audit Management <input checked="" type="radio"/> Authentication and Authorization <input checked="" type="radio"/> DevOps Score <input checked="" type="radio"/> Value Stream Management	<input checked="" type="radio"/> Issue Tracking <input checked="" type="radio"/> Project Management <input checked="" type="radio"/> Kanban Boards <input checked="" type="radio"/> Time Tracking <input checked="" type="radio"/> Agile Portfolio Management <input checked="" type="radio"/> Service Desk	<input checked="" type="radio"/> Source Code Management <input checked="" type="radio"/> Code Review <input checked="" type="radio"/> Wiki <input checked="" type="radio"/> Web IDE <input checked="" type="radio"/> Snippets	<input checked="" type="radio"/> Continuous Integration (CI) <input checked="" type="radio"/> Code Quality <input checked="" type="radio"/> Performance Testing <input checked="" type="radio"/> Usability Testing	<input checked="" type="radio"/> Package Registry <input checked="" type="radio"/> Container Registry <input checked="" type="radio"/> Dependency Proxy	<input checked="" type="radio"/> SAST <input checked="" type="radio"/> DAST <input checked="" type="radio"/> Secret Detection <input checked="" type="radio"/> Dependency Scanning <input checked="" type="radio"/> Container Scanning <input checked="" type="radio"/> License Management	<input checked="" type="radio"/> Continuous Delivery (CD) <input checked="" type="radio"/> Release Orchestration <input checked="" type="radio"/> Pages <input checked="" type="radio"/> Review apps <input checked="" type="radio"/> Incremental Rollout <input checked="" type="radio"/> Feature Flags	<input checked="" type="radio"/> Auto DevOps <input checked="" type="radio"/> Kubernetes Configuration <input checked="" type="radio"/> ChatOps <input checked="" type="radio"/> Runbooks <input checked="" type="radio"/> Serverless <input checked="" type="radio"/> PaaS	<input checked="" type="radio"/> Metrics <input checked="" type="radio"/> Logging <input checked="" type="radio"/> Tracing <input checked="" type="radio"/> Cluster Monitoring <input checked="" type="radio"/> Error Tracking <input checked="" type="radio"/> Incident Management	<input type="radio"/> Runtime Application Self Protection <input type="radio"/> Web Application Firewall <input type="radio"/> Threat Detection <input type="radio"/> Behavior Analytics <input type="radio"/> Vulnerability Management <input type="radio"/> Data Loss Prevention <input type="radio"/> Storage Security <input type="radio"/> Container Network Security
On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:	On our roadmap:
<input type="radio"/> Code Analytics <input type="radio"/> Workflow Policies	<input type="radio"/> Requirements Management <input type="radio"/> Quality Management	<input type="radio"/> Design Management <input type="radio"/> Live Coding	<input type="radio"/> System Testing	<input type="radio"/> Helm Chart Registry	<input type="radio"/> IAST <input type="radio"/> Fuzzing	<input type="radio"/> Release Governance <input type="radio"/> Secrets Management	<input type="radio"/> Chaos Engineering <input type="radio"/> Cluster Cost Optimization	<input type="radio"/> Synthetic Monitoring <input type="radio"/> Status Page	

GitLab aims to replace multiple tools across the lifecycle



	Manage	Plan	Create	Verify	Package	Secure	Release	Configure	Monitor	Defend
Manage										
ca technologies										
COLLAB.NET VERSIONONE										
MICRO FOCUS										
PLUTORA.										
GitPrime										

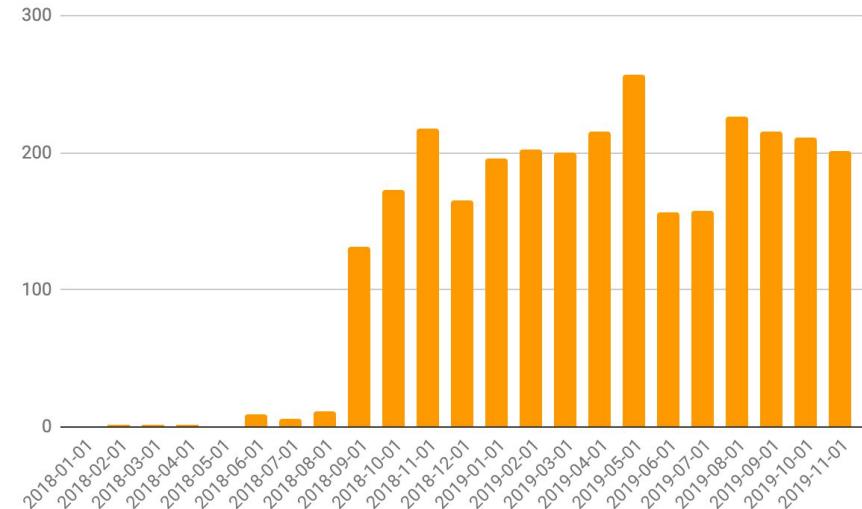
How can we achieve our vision?



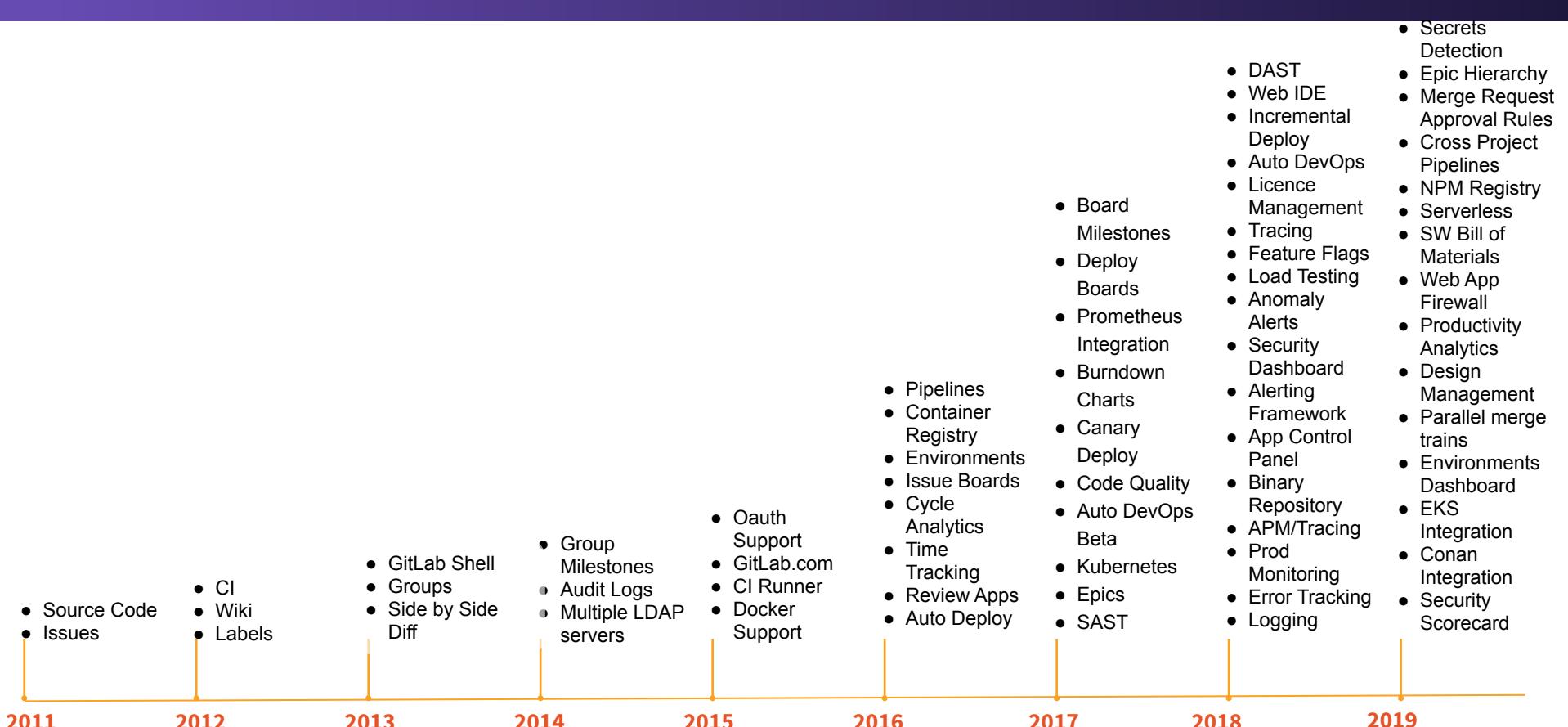
BUILT ON OPEN SOURCE

- **THE POWER OF CONVENTION:** leverage the DevOps best practices of 100K+ organizations across the world.
- **EVERYONE CAN CONTRIBUTE:** passionate, vocal, global community of 2200+ people and organizations contribute code.
- **CO-CREATION:** with thousands of public feature proposals, GitLab delivers customer-driven innovation
- **CONTINUOUS INNOVATION:** since 2011 GitLab has consistently released new features/innovations on the 22nd of every month.
- **OPEN ECOSYSTEM:** built upon powerful open source technologies like Kubernetes and Prometheus.

Community contributions merged per month



Exponential rate of product improvement



Analyst Validation as Innovator, Visionary & Leader



Innovator



Agile Code Development
Technologies 2018

Tools Supporting Open Developer
Platforms 2019

Visionary

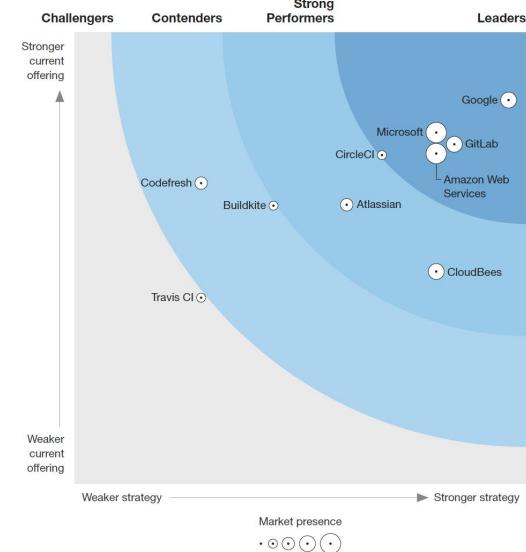
Figure 1. Magic Quadrant for Enterprise Agile Planning Tools



Gartner®

Leader

Forrester Wave™: Continuous Integration Tools, Q3 2019



FORRESTER®

GitLab streamlines the DevOps adoption journey



DevOps
adoption
stages

DevOps Initiatives

Better collaboration,
higher IT productivity

DevOps Maturity

Faster releases, fewer
errors, lower costs

Digital Transformation

Faster time-to-market,
increased revenue



Portfolio

Epics and roadmaps
enable visualizing and
prioritizing future work

➤ Typical starting points



Project

Backlog, sprint,
burndown, tracking
deliverable



SCM

Code reviews,
collaboration, developer
experience, productivity



CI

Automated
build/test pipeline,
quality and speed



Security

Security Dashboard,
Shift left Security



CD

Multi cloud,
flexible infrastructure,
infrastructure as code

Holistic value increases with GitLab adoption

Holistic value increases with GitLab adoption

Reduced cost

- Single license
- Reduced maintenance
- Reduced integration costs

Auditability

- Single data store

Improved toolchain security

Speed of innovation

Improved compliance

Continuous improvement visibility and analytics

- Cycle time analytics
- Single pane of glass visibility

Seamless collaboration

Developer experience

- Single interface
- Developer flexibility (movement between projects/new toolsets)

CI



ticketmaster®

GitLab's platform helps Ticketmaster deliver higher-quality features to fans more quickly and more consistently



esa
European Space Agency

GitLab simplifies ESA's DevOps toolchain and allows team to cross borders, increase cooperation and reshape working culture



**Goldman
Sachs**

GitLab removes toolchain complexity and accelerates DevOps adoption, shortening release cycles from once every 1-2 weeks to once every few minutes



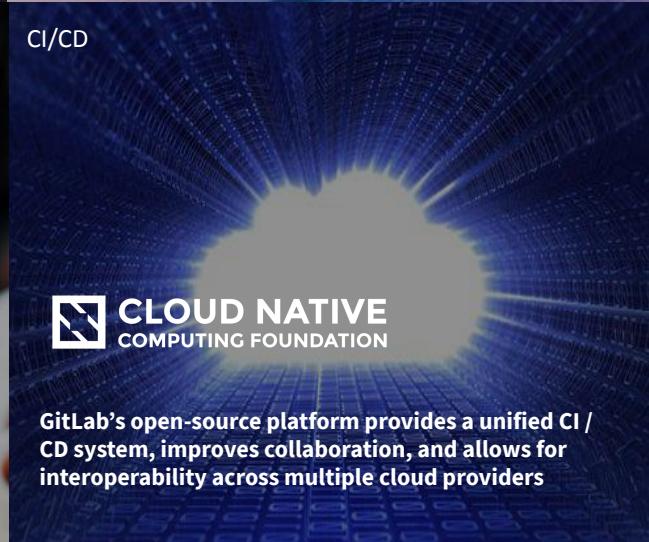
Glympse®

GitLab streamlines Glympse's development processes improving compliance, security scanning and deploy time



Worldline

GitLab quickly became the backbone of Worldline's development environment, improving code review by 120x



**CLOUD NATIVE
COMPUTING FOUNDATION**

GitLab's open-source platform provides a unified CI / CD system, improves collaboration, and allows for interoperability across multiple cloud providers

Why GitLab?



Complete DevOps platform
delivered as a
single application

- Leading SCM and CI in one application
- Built in security and compliance
- End to end insight and visibility
- Deploy your software anywhere
- Flexible GitLab hosting options
- Rapid innovation
- Open Source: Everyone can contribute
- Collaborative & transparent customer experience



GitLab

Everyone can contribute