



GitLab

Concurrent DevOps

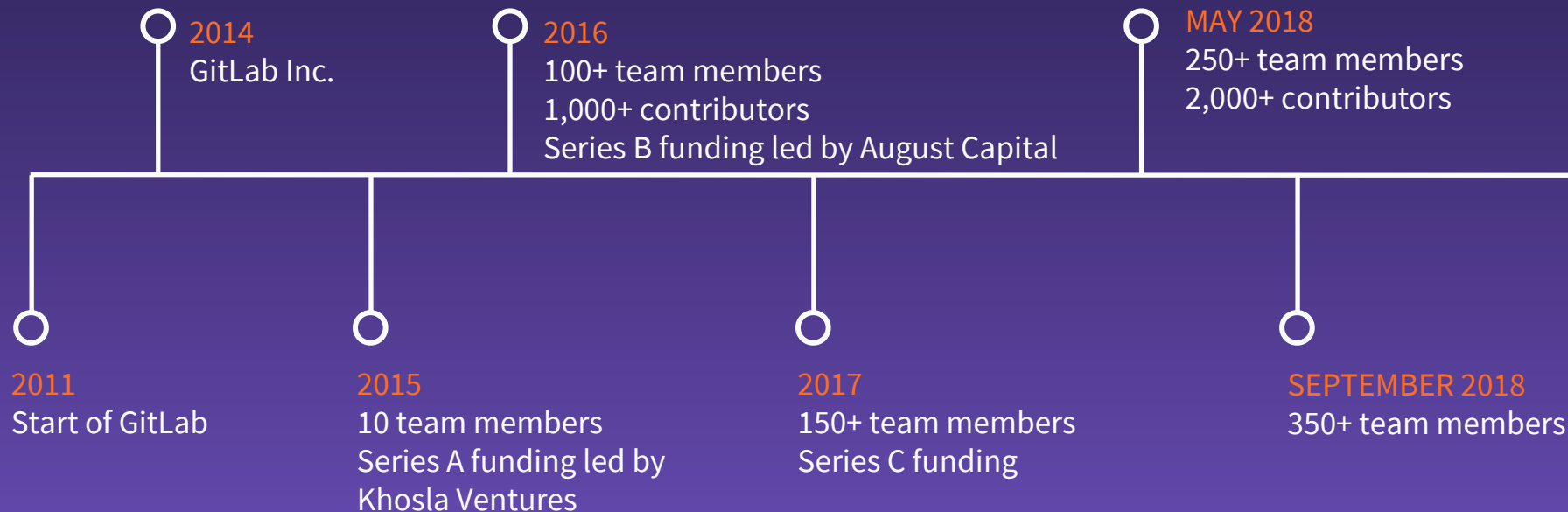
A single application for the entire DevOps lifecycle



Job van der Voort
VP of Product



Company evolution





Market Momentum

2,000+
contributors

20M+
downloads

82
consecutive
monthly releases

6M+
.com projects

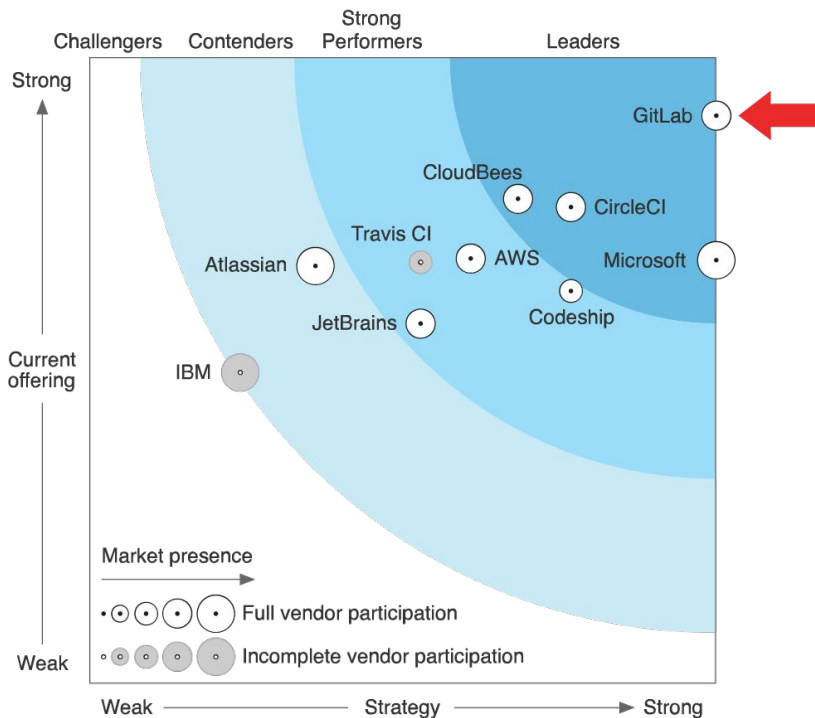
INC. 5000
TOP
SOFTWARE
COMPANIES



#44 on Inc. 5000 list of 2018's fastest growing companies

#4 Top Software Company

GitLab recognized as a Leader in The Forrester CI Tools Wave™: Continuous Integration Tools, Q3 2017



- **Highest Score in the Current Offering Category**
- **Highest Possible Score in the Strategy Category**
- Highest score possible in the Ease of Installation/ Configuration, Configuring Builds and Build Reuse, Platform Support, Security Features, Container Build Support, Container Runtime Support, GUI, and Analytics criteria

The Forrester Wave™ is copyrighted by Forrester Research, Inc. Forrester and Forrester Wave™ are trademarks of Forrester Research, Inc. The Forrester Wave™ is a graphical representation of Forrester's call on a market and is plotted using a detailed spreadsheet with exposed scores, weightings, and comments. Forrester does not endorse any vendor, product, or service depicted in the Forrester Wave. Information is based on best available resources. Opinions reflect judgment at the time and are subject to change.



“By using a single tool and having everyone under the same roof, there’s more opportunity for teams to work together and cross-pollinate, resulting in a more engaged and collaborative community.”

— Nuritzi Sanchez, president of GNOME’s board of directors



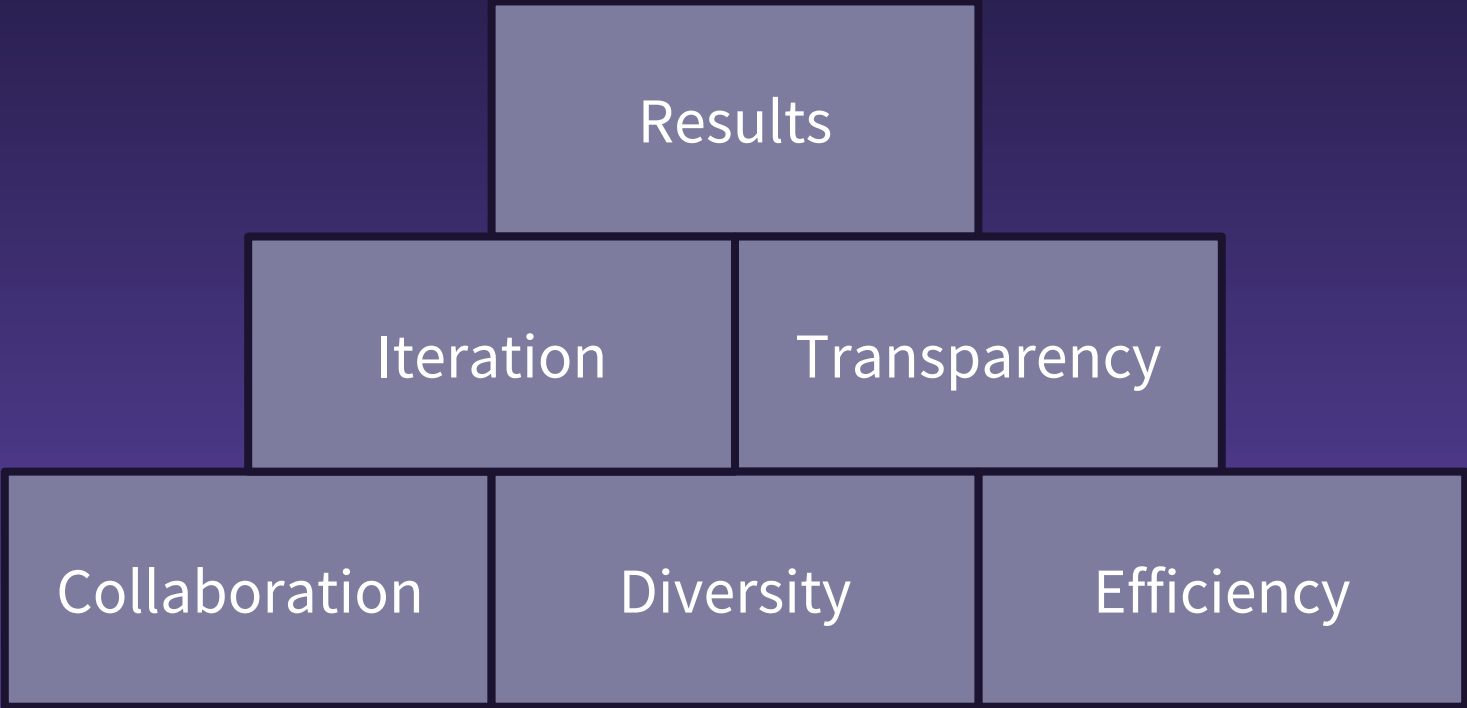
\$100M

Series D Funding
led by ICONiQ Capital

\$1.1B

Valuation







Vision & Roadmap



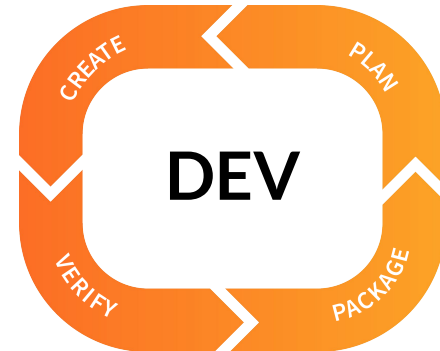
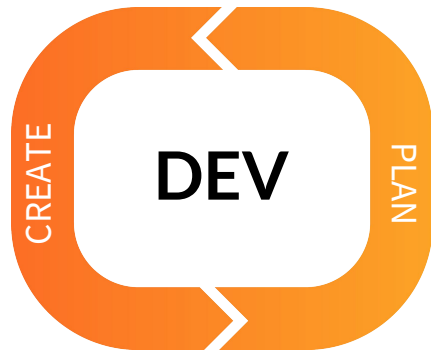
about.gitlab.com/direction

Only care about CI?

about.gitlab.com/direction/verify

SCM?

about.gitlab.com/direction/create





The DevOps toolchain is too complex



Manage



Plan



Create



Verify



Package



Release



Configure



Monitor



Secure

VERSIONONE



Jfrog
Artifactory

Electric
Cloud



New
Relic



ca
technologies

asana



Sonatype
Nexus



CHEF

APPDYNAMICS



Concurrent DevOps



Manage



Plan



Create



Verify



Package



Release



Configure



Monitor

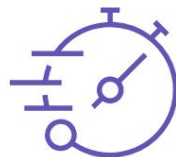


Secure



Visible

See everything that matters



Efficient

Collaborate without waiting












Governed

Ship with confidence

GitLab right now



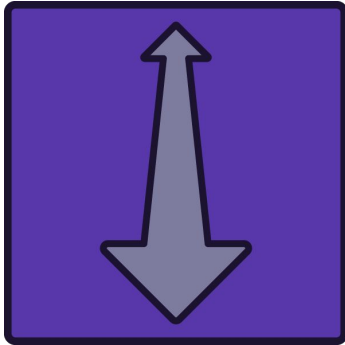
 Manage	 Plan	 Create	 Verify	 Package	 Release	 Configure	 Monitor	 Secure
Cycle Analytics DevOps Score Audit Management Authentication and Authorization	Issue Trackers Issue Boards Service Desk Portfolio Management	Source Code Management Code Review Wiki Snippets Web IDE	Continuous Integration (CI) Unit Testing Integration Testing Code Quality Performance Testing	Container Registry Maven Packages Repository	Continuous Delivery (CD) Pages Review apps Incremental Rollout	Auto DevOps Kubernetes Configuration ChatOps	Metrics Logging Cluster Monitoring	SAST DAST Dependency Scanning Container Scanning License Management



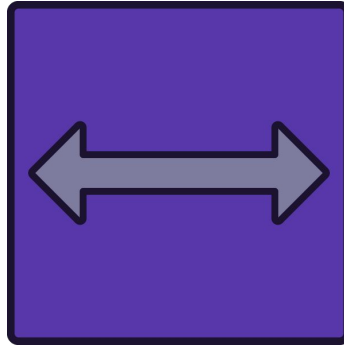


Product Strategy

3 pronged strategy



Depth

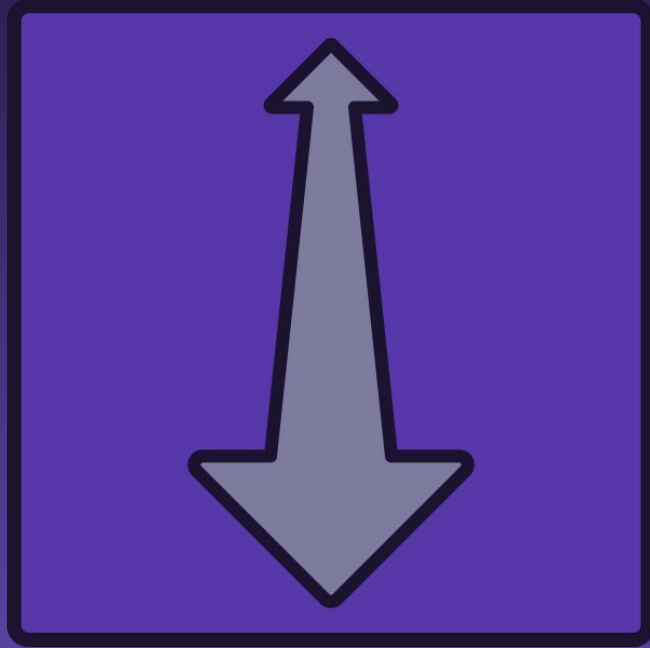


Breadth



Roles

Depth



Depth





File tree in merge requests (Q4)

The screenshot displays the GitLab Merge Request interface. On the left, a sidebar contains navigation links: Overview, Repository, Issues (785), Merge Requests (785), CI / CD, Wiki, Snippets, and Settings. The main content area shows the merge request details for the 'Changes' tab, comparing 'latest version' and 'master'. A file tree on the left lists 'app', 'controllers', 'profiles_controller.rb' (+16 -24), 'finders', and 'README.md' (+4 -0). Below the tree, it indicates '11 changed files' with '271 additions' and '135 deletions'. The diff view for 'app/controllers/profiles_controller.rb' is shown in three panels, with the top and bottom panels expanded to show code changes. The right sidebar contains metadata: Assignee (Chloe Williams), Milestone (None), Time tracking (Spent 1d, Est 1w), Labels (UX, feature proposal), Lock merge request (Unlocked), 2 participants, Notifications (checked), and Reference (gitlab-org/gtlab-ci-...).



Reviews (Q4)

Discussion 6 Commits 5 Pipelines 2 **Changes 4**

0/4 discussions resolved

```
499     'mattermost' => [
500     -   {
501     -     required: true,
502     -     name: :webhook,
503     -     type: String,
504     -     desc: 'The Mattermost webhook. e.g. http://m
505     -     }
506     -   ],
507     'teamcity' => [
617     +   'mattermost' => [
618     +     chat_notification_settings,
619     +     chat_notification_flags,
620     +     chat_notification_channels,
621     +     chat_notification_events
622     +     ].flatten,
623     +     'teamcity' => [
```

Administrator @admin · 10 months ago

Ut voluptatum dolorum sint soluta minus reiciendis eveniet beatae. Ut voluptatum dolorum sint soluta minus reiciendis eveniet beatae. Ut voluptatum.

Pending Discussion stays resolved.

Jane Verylongname @janeverylongname

Ut voluptatum dolorum sint soluta minus reiciendis eveniet beatae. Ut voluptatum dolorum sint soluta minus reiciendis eveniet beatae. Ut voluptatum.

Sets the milestone to 10.8. Assigns @admin.

[Submit review](#) 2 [Add comment now](#)

[Discard review](#) [Submit review](#) 2

Todo [Add todo](#)

Assignee [Edit](#)

Mark Fletcher @markglenfletcher [⚠](#)

Milestone [Edit](#)

9.3

Time tracking [?](#)

No estimate or time spent

Labels [Edit](#)

[Edge](#) [api](#) [bug](#)

[external services](#)

2 participants

Notifications [Subscribe](#)

Reference: gitlab-org/gitlab-ce.. [📄](#)



Change proposals in merge requests



James Ramsay @jramsay · 3 months ago

Developer



This proposal is looking good. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

app/assets/foo.js

Edit in Web IDE

Apply

130

```
const foor = "bar"
```

130

```
const foor = 'bar';
```



Approver groups and approvers based on code owners

Approvers

This merge request must be approved by these users. You can over

This merge request must be approved by members of these group:

Approvers

There are no approvers

Approvals required

Suggested approvers: [Jacob Vosmaer \(GitLab\)](#)



Group merge requests (Q1'19)





Code review everywhere (Q2'19)





TODAY



SCM



CI

2019



Project Management



CD/RA

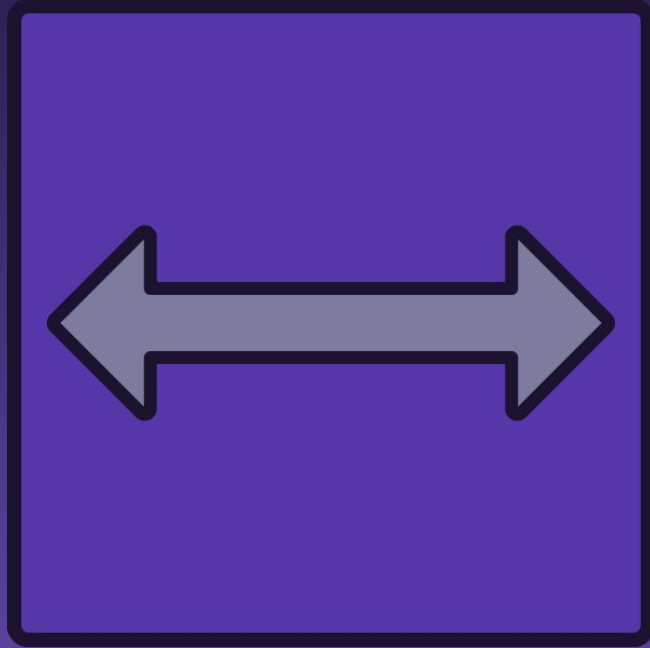


Security Testing



VSM

Breadth



New capabilities coming soon



Manage



Plan



Create



Verify



Package



Release



Configure



Monitor



Secure



Code analytics

Program Management

Workflow Policies

Requirements Management

Product Design Management

Value Stream Management

System Testing

Acceptance Testing (UAT)

Usability Testing

Compatibility Testing

NPM Registry

Rubygems Registry

Feature flags

Binary authorization

Serverless

PaaS

Chaos Engineering

Runbooks

Tracing

Error Tracking

Incident Management

Service Status Page

Production Monitoring

Interactive Application Security Testing (IAST)

Web Application Firewall (WAF)

Runtime Application Self-Protection (RASP)

Executive flow: Value Stream Management

The screenshot displays the GitLab Value Stream Management (VSM) interface. At the top, the navigation bar includes the GitLab logo, 'Projects', 'Groups', 'Activity', 'Milestones', and 'Snippets'. A search bar is present with the text 'Search or jump to...'. Below this, the breadcrumb path is 'Tanuki Group > Fitness App > Value Stream'. The main interface is divided into two sections: 'Active' and 'Queued'. Each section contains four Kanban boards representing different stages: 'Plan', 'Development', and 'Review'. Each board has a header with a title, a progress indicator (a bar with colored segments), and a date/time indicator. The 'Plan' board shows a task 'Merge request page will continually poll the API for merge request CI status' with a due date of 'Mar 31' and a duration of '2d'. The 'Development' board shows a task 'Update merge request status' with a due date of 'Mar 31' and a duration of '2d'. The 'Review' board shows a task 'Merge request page will continually poll the API for merge request CI status' with a due date of 'Mar 31' and a duration of '2d'. A tooltip is visible over the 'Development' board, displaying 'View WIP merge request 13543'. The 'Queued' section shows similar tasks, with one task in the 'Plan' board having a tooltip that says 'Over estimate of 2d'. The interface also includes a sidebar on the left with navigation icons and a search bar at the top of the main content area.

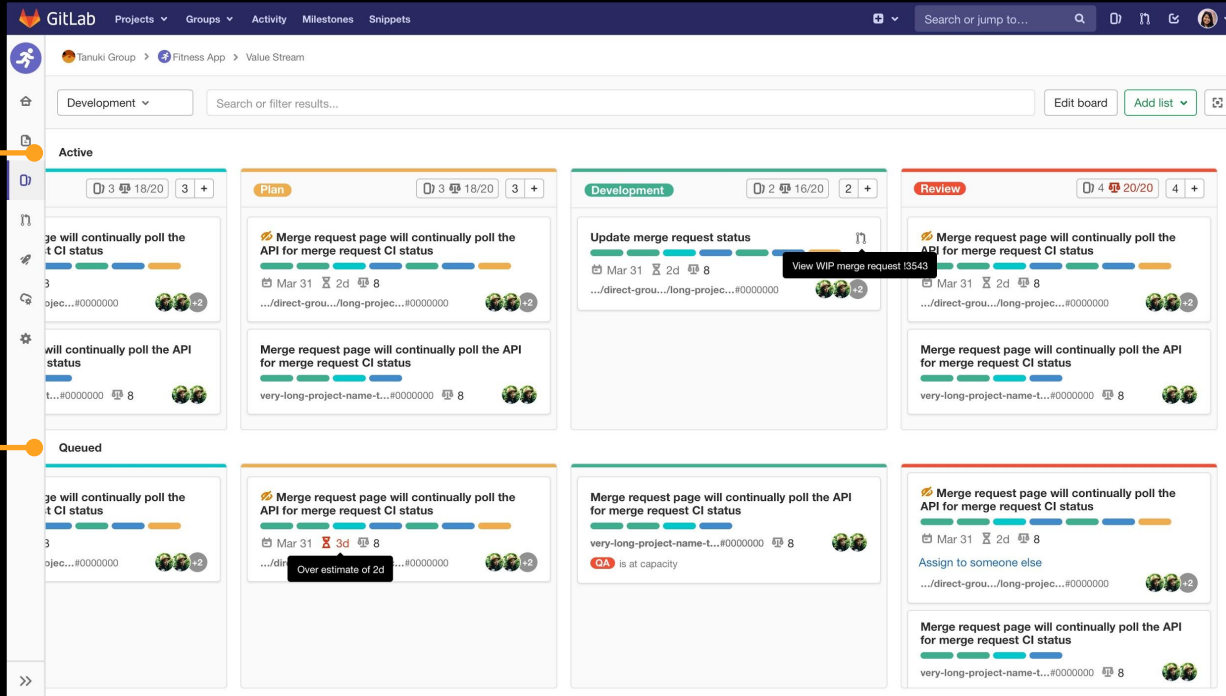
Executive flow: Value Stream Management

Active issues

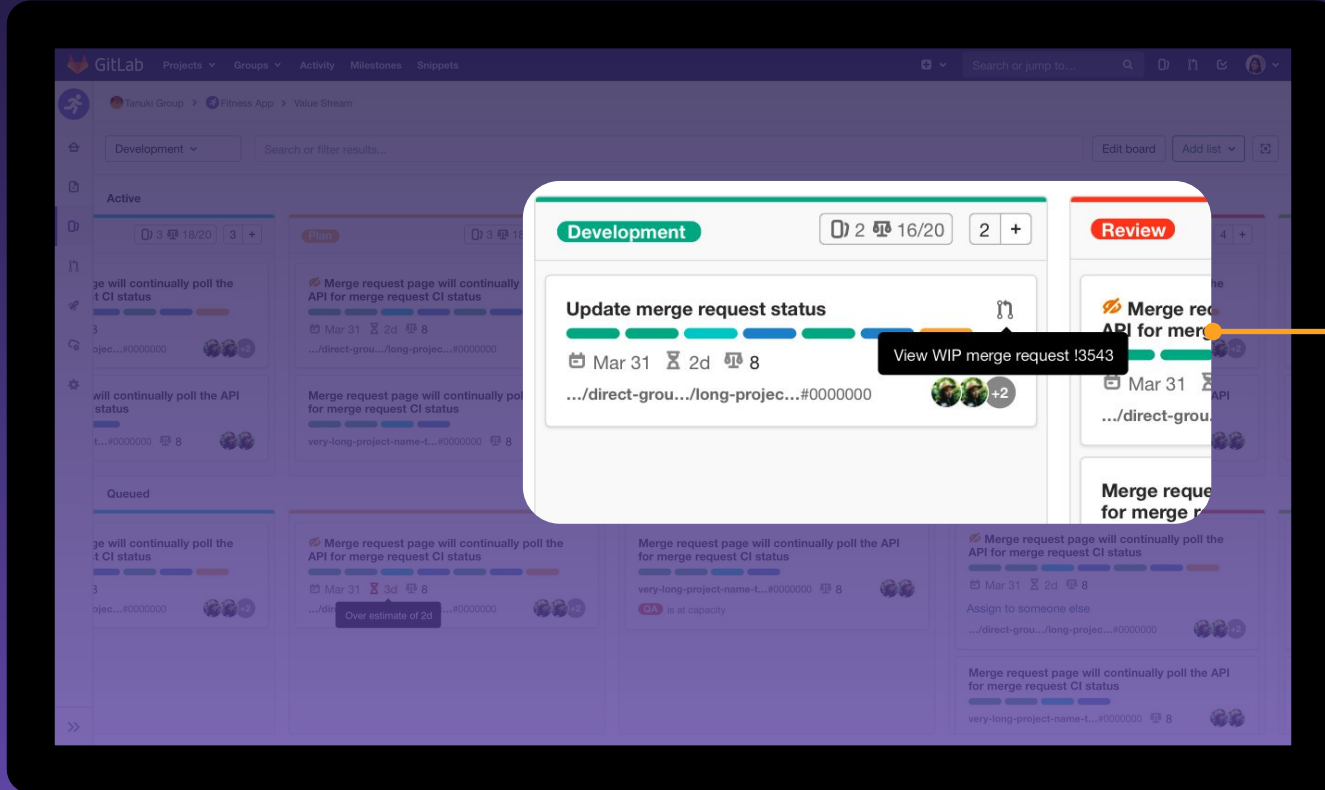
Process time

Queued issues

Lead time

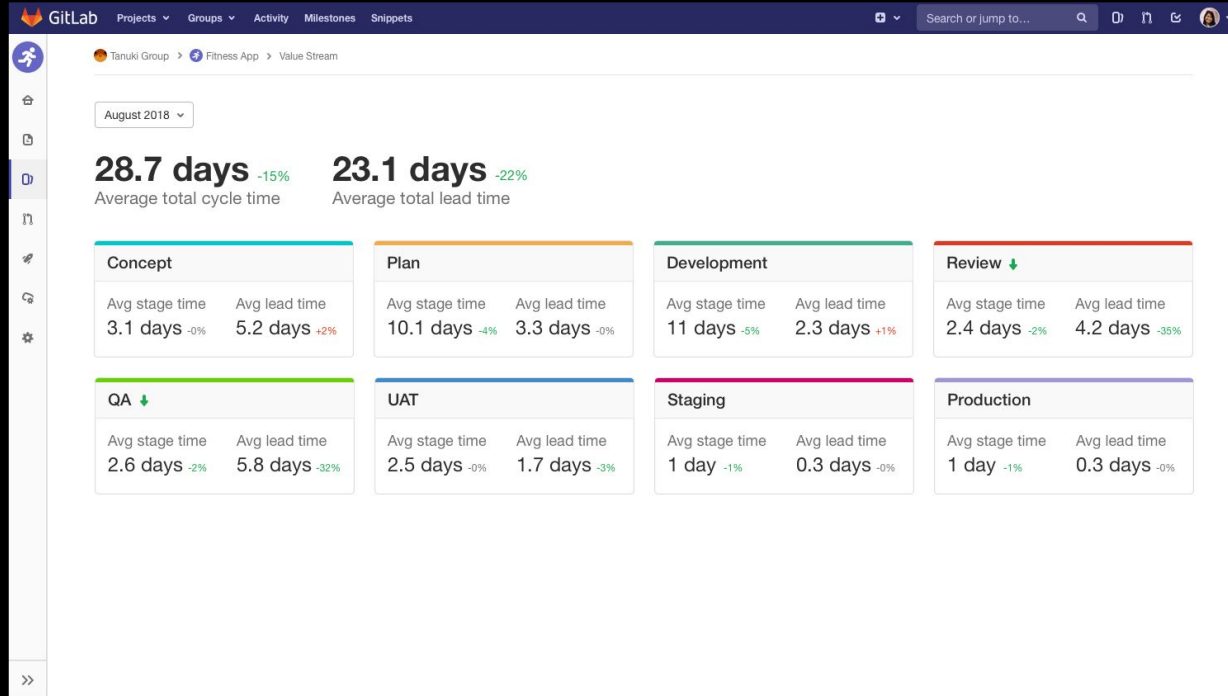


Executive flow: Value Stream Management

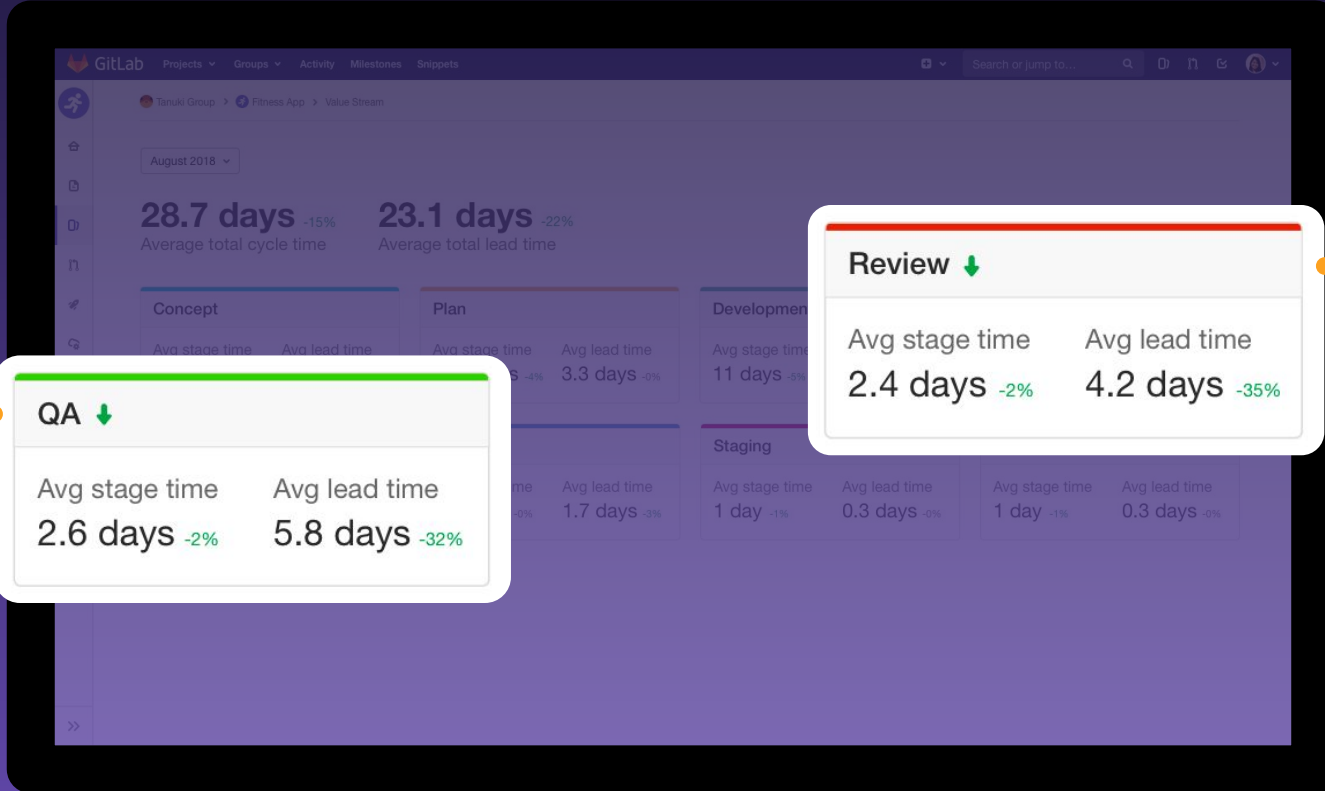


Automated workflow
Issues automatically move across stages

Executive flow: Value Stream Management



Executive flow: Value Stream Management



Reduced lead time by two days

QA ↓

Avg stage time	Avg lead time
2.6 days -2%	5.8 days -32%

Review ↓

Avg stage time	Avg lead time
2.4 days -2%	4.2 days -35%

Reduced lead time by three days

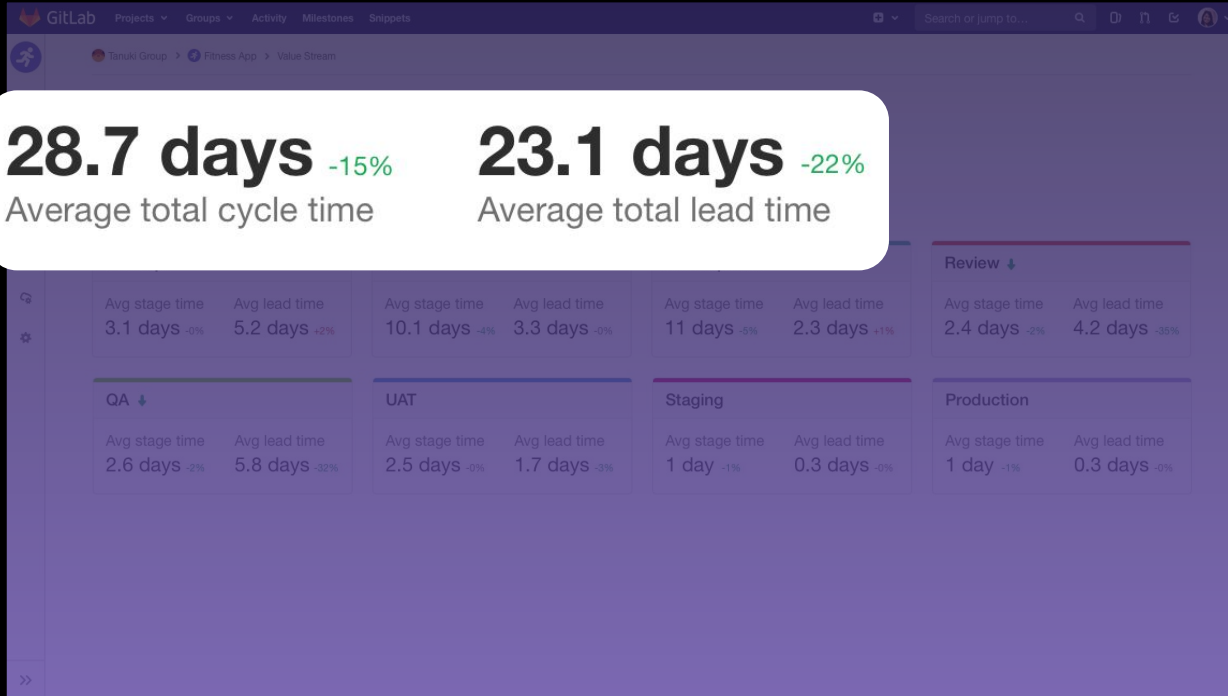
Executive flow: Value Stream Management

Monthly overview

Both cycle time and lead time have been reduced since the previous month

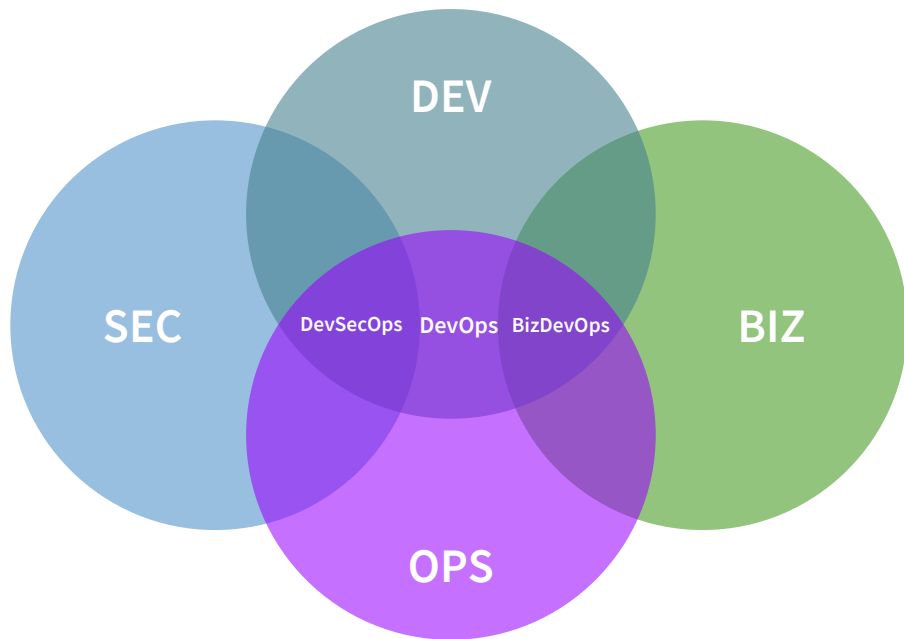
28.7 days -15%
Average total cycle time

23.1 days -22%
Average total lead time



Roles



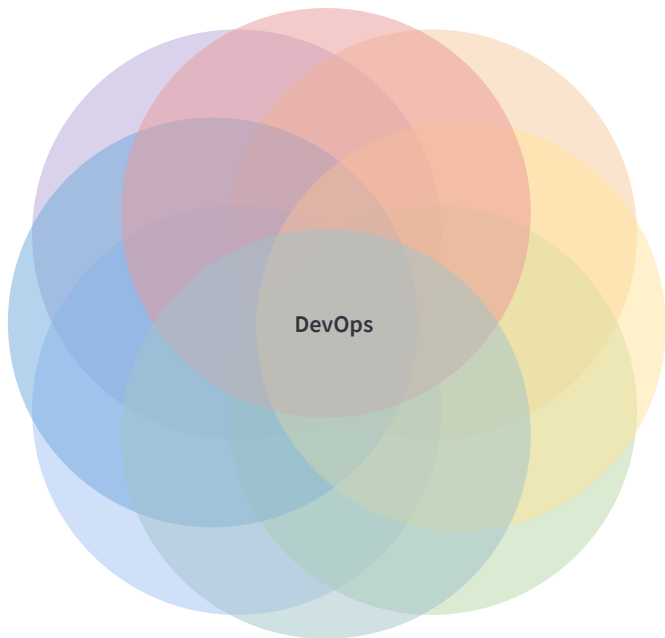


Dev + Sec + Biz + Ops



Single application

Roles - Everyone can contribute



Dev + Sec + Biz + Ops
Designers + Product Managers + Exec
Legal + Release Managers + QA



Single application

Questions?

about.gitlab.com/direction