Concurrent DevOps

A single application for the entire DevOps lifecycle
Job van der Voort
VP of Product
Company evolution

- **2011**: Start of GitLab
- **2014**: GitLab Inc.
- **2015**: 10 team members, Series A funding led by Khosla Ventures
- **2016**: 100+ team members, 1,000+ contributors, Series B funding led by August Capital
- **MAY 2018**: 250+ team members, 2,000+ contributors
- **SEPTEMBER 2018**: 350+ team members, Series C funding
Market Momentum

- 2,000+ contributors
- 20M+ downloads
- 82 consecutive monthly releases
- 6M+.com projects

#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

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“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
Full SDLC completed 2016
From Dev to DevOps
The DevOps toolchain is too complex
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

<table>
<thead>
<tr>
<th>Manage</th>
<th>Plan</th>
<th>Create</th>
<th>Verify</th>
<th>Package</th>
<th>Release</th>
<th>Configure</th>
<th>Monitor</th>
<th>Secure</th>
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</thead>
<tbody>
<tr>
<td>Cycle Analytics</td>
<td>DevOps Score</td>
<td>Issue Trackers</td>
<td>Issue Boards</td>
<td>Source Code Management</td>
<td>Continuous Integration (CI)</td>
<td>Container Registry</td>
<td>Continuous Delivery (CD)</td>
<td>Auto DevOps</td>
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<tr>
<td></td>
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<td>Snippets</td>
<td>Management</td>
<td>Performance Testing</td>
<td></td>
<td>Repository</td>
<td>Review apps</td>
<td>DAST</td>
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<td></td>
<td></td>
<td>Web IDE</td>
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<td></td>
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<td>Incremental Rollout</td>
<td>Container Scanning</td>
</tr>
</tbody>
</table>

*New*
Product Strategy

3 pronged strategy

Depth

Breadth

Roles
Depth
Depth
File tree in merge requests (Q4)
Reviews (Q4)
Change proposals in merge requests

James Ramsay @jramsay · 3 months ago

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.

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

```
const foor = 'bar';
```
Approver groups and approvers based on code owners
Group merge requests (Q1’19)
Code review everywhere (Q2’19)
Depth

TODAY

SOURCE CODE MANAGEMENT
LEADER

CONTINUOUS INTEGRATION
LEADER

SCM

CI

2019

PROJECT MANAGEMENT
LEADER

CD & RELEASE AUTOMATION
LEADER

APP SECURITY TESTING
LEADER

VALUE STREAM MANAGEMENT
LEADER

Project Management

CD/RA

Security Testing

VSM

#GitLabLive
New capabilities coming soon

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</table>
Executive flow: Value Stream Management
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

```plaintext
28.7 days 15% Average total cycle time
23.1 days 22% Average total lead time

<table>
<thead>
<tr>
<th>Stage</th>
<th>Avg stage time</th>
<th>Avg lead time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concept</td>
<td>3.1 days -6%</td>
<td>5.2 days +2%</td>
</tr>
<tr>
<td>QA</td>
<td>2.6 days -2%</td>
<td>5.8 days -32%</td>
</tr>
<tr>
<td>Plan</td>
<td>10.1 days -4%</td>
<td>3.3 days -2%</td>
</tr>
<tr>
<td>Development</td>
<td>11 days -4%</td>
<td>2.3 days -1%</td>
</tr>
<tr>
<td>Review</td>
<td>2.4 days -2%</td>
<td>4.2 days -38%</td>
</tr>
<tr>
<td>UAT</td>
<td>2.5 days -2%</td>
<td>1.7 days -2%</td>
</tr>
<tr>
<td>Staging</td>
<td>1 day -1%</td>
<td>0.3 days -1%</td>
</tr>
<tr>
<td>Production</td>
<td>1 day -1%</td>
<td>0.3 days -2%</td>
</tr>
</tbody>
</table>
```
Executive flow: Value Stream Management

Reduced lead time by two days

Reduced lead time by three days

QA

- Avg stage time: 2.6 days (-2%)
- Avg lead time: 5.8 days (-32%)

Review

- Avg stage time: 2.4 days (-2%)
- Avg lead time: 4.2 days (-35%)
Executive flow: Value Stream Management

Monthly overview
Both cycle time and lead time have been reduced since the previous month.
Roles

DevSecOps  DevOps  BizDevOps

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