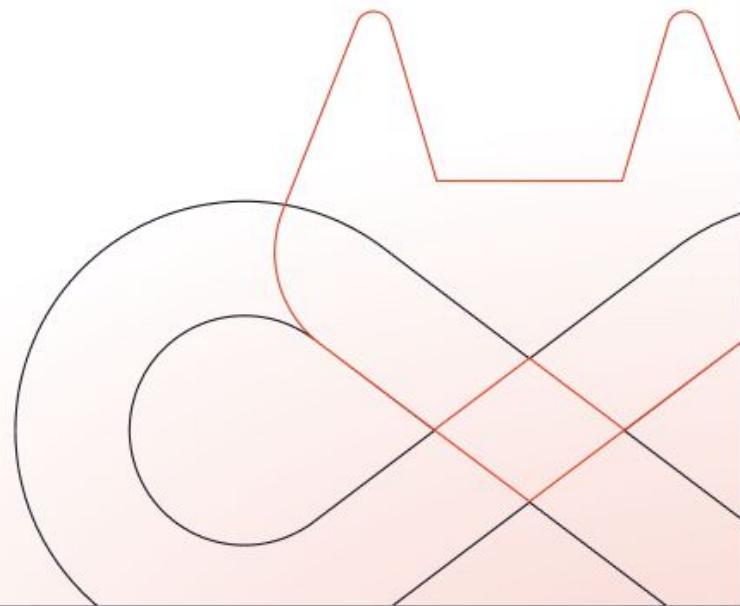




Developer's Journey

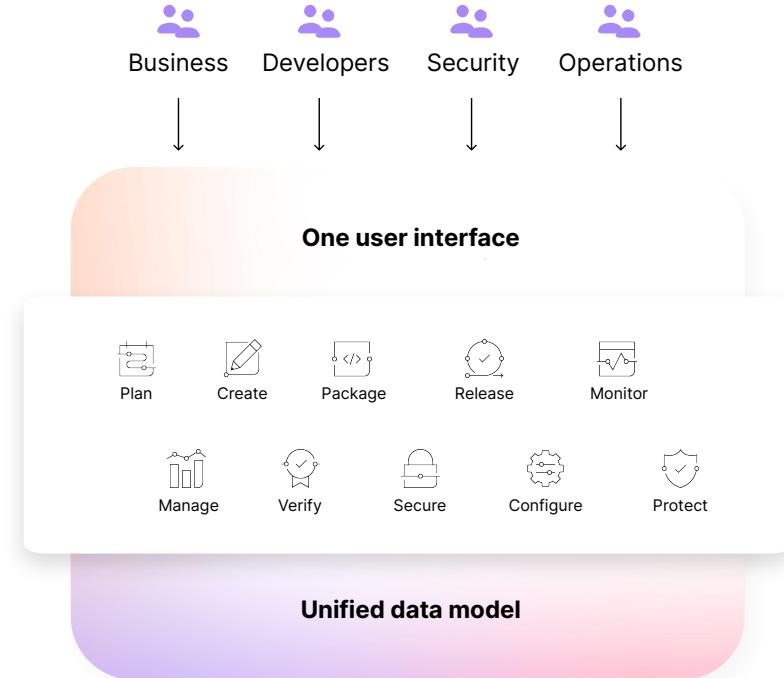
an Introduction to GitLab



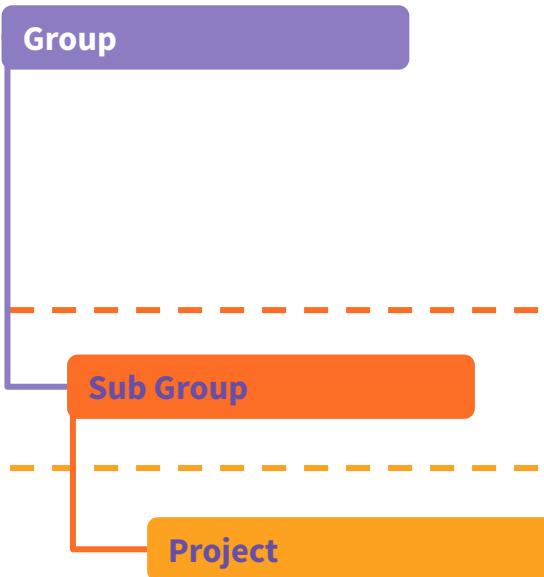


The One DevOps Platform for software innovation

- Project planning
- Source code management
- Continuous integration
- Infrastructure configuration
- Incident monitoring
- Application security
- And so much more...



Organizing the work



GitLab Groups provide capabilities for assembling related projects together and grant members access to several projects at once.

The **Group** provides a layer for strategic planning, governance, and management.

Sub Groups are nested, child Groups for additional levels of organization.

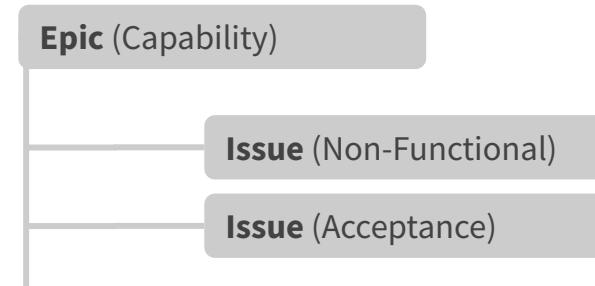
Projects are where teams collaborate, plan work, write code, and deliver applications.



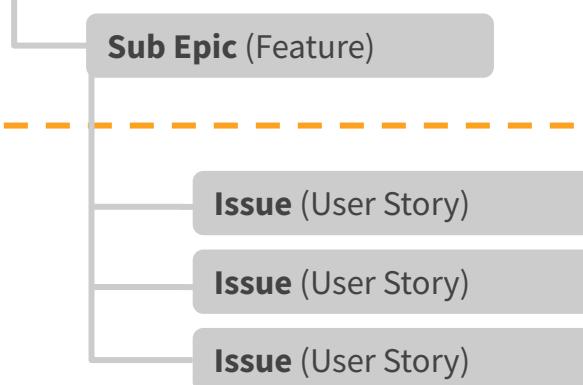
Defining the work



Epics provide grouping of Epics and Issues.



Sub Epics represent smaller pieces of a larger Epic, larger than an Issue.



Issues describe small, discrete pieces of work.



Doing the work



Project

The *Git Repository* is the foundation of a **GitLab Project**.

Merge Requests are project assets to visualize and collaborate on proposed changes to source code on a Git branch.

CI/CD Pipelines describe code build and test jobs and stages for a Merge Request.

Code Reviews are discussion threads on Merge Requests where developer peers review and comment on changes to the code.

Approvals are explicit acceptance events, recorded in the Merge Request, signaling sign-off on associated code changes.



GitLab Recommended Process



Manage



Plan



Create



Verify



Package



Secure



Release



Configure



Monitor



Protect



Epics



Milestones



Issues

Create Merge Request



Assign Issue

Push Code

Automated Build / Test

Scan

Collaboration & Review

Push Fixes

Review App



Approval

Merge Accepted



Release



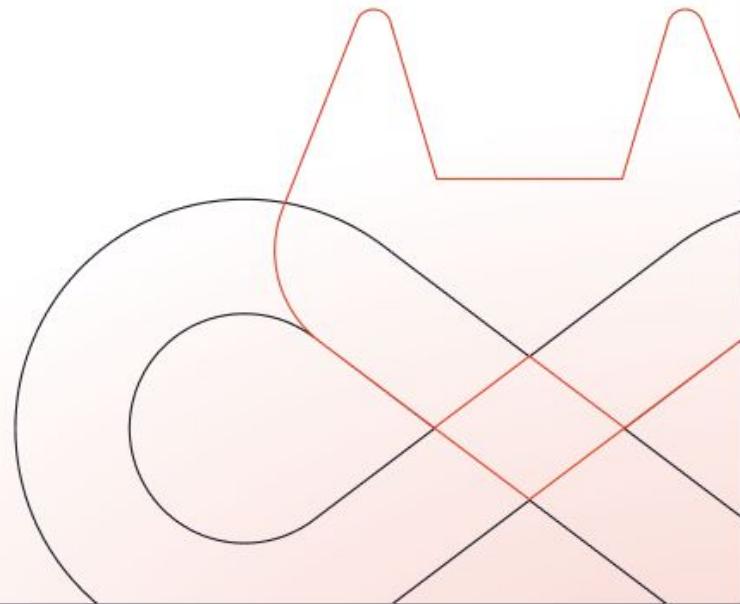
Deploy

GitLab Workflow Components



GitLab Component	Function	Also known as...
Project	The core building block where work is organized, managed, tracked and delivered to help the team to collaborate and plan work in the form of issues.	Repository
Group	A collection of projects and subgroups. They are like folders.	Project
Issue	An issue is part of a project. It is the fundamental planning object where the team documents the use case in the description, discusses the approach, estimates the size/effort (issue weight), tracks actual time/effort, assigns work, and tracks progress.	Story, Narrative
Epic	A collection of related issues across different groups and projects to help organize by theme	
Merge Request	The linkage between the issue and the actual code changes. Captures the design, implementation details (code changes), discussions (code reviews), approvals, testing (CI Pipeline), and security scans.	Pull Request
Label	Used to tag and track work for a project or group and associate issues with different initiatives	
Board	A visual listing of projects and issues useful for teams to manage their backlog of work, prioritize items, and move issues to the team or specific stage in the project.	
Milestone / Iteration	A sprint or deliverable(s), helping you organize code, issues, and merge requests into a cohesive group	Release / Sprint
Roadmap	A visual representation of the various epics for the group	

Developer's Process



Where do I start? - Issue Board



GitLab.org > Issue Boards

Label = ~group:fulfillment

Show labels Edit board •

Open

For Seatlink / # of Seats that are in use for a Subscription, can we stamp that back to the Zuora Subscription.

CSAT-Priority 1 EntApp Ecosystem P1
devops growth group fulfillment portal integration zuora

gitlab-org/customers-gitlab.com#1147 5

backend

Aggregate user usage data in the instance and provide a manual export option

Accepting merge requests Deliverable P1
devops growth feature group fulfillment

gitlab-org/gitlab#213615

frontend

Change linked group button should not be available for CI Minute Subscriptions

P1 UX bug devops growth
group fulfillment

gitlab-org/customers-gitlab.com#1229 1

UX

Change linked group button should not be available for CI Minute Subscriptions

P1 bug devops growth frontend
group fulfillment

gitlab-org/customers-gitlab.com#1229 1

Implementation: Self-Service Upgrades for Self-Managed

GitLab.com Growth-deliverable OKR FY20 Q2 UX
auto updated devops growth feature frontend
group fulfillment vintage workflow validation backlog

gitlab-org/customers-gitlab.com#107 5

Implementation: Self-Service Upgrades for Self-Managed

GitLab.com Growth-deliverable OKR FY20 Q2 UX
auto updated backend devops growth feature
group fulfillment vintage workflow validation backlog

gitlab-org/customers-gitlab.com#107 5

Implementation: Self-Service Upgrades for Self-Managed

GitLab.com Growth-deliverable OKR FY20 Q2 UX
auto updated backend devops growth feature
frontend group fulfillment vintage workflow validation backlog

gitlab-org/customers-gitlab.com#107 5

GitLab.com users should be able to purchase additional users without adding members

CSAT-Priority 2 EntApp Ecosystem
Growth-deliverable OKR FY20 Q2 P2
devops growth feature group fulfillment
portal integration

gitlab-org/customers-gitlab.com#1098 3

Create Dynamic "Seats Currently in Use Members List" for GitLab.com

Accepting merge requests Growth-deliverable P2
backend customer devops growth feature
gitlab.com group fulfillment internal customer
link parent issue missed:12.8 retention

gitlab-org/gitlab#27074 8

API call to pull user/seat data from GitLab.com

Growth-deliverable P2 customer+
devops growth gitlab.com group fulfillment
link parent issue missed:12.8 retention

gitlab-org/gitlab#35454 3

Wrong text color for .alert-info

P2 S4 bug devops growth
group fulfillment regression

gitlab-org/customers-gitlab.com#946 3

Create Dynamic "Seats Currently in Use Members List" for GitLab.com

Accepting merge requests Growth-deliverable P2
customer devops growth feature frontend
gitlab.com group fulfillment internal customer
link parent issue workflow design

gitlab-org/gitlab#27074 8

Pajamas Update: Portal "Manage Purchases/Upgrade Subscription" Page

Customers Portal Pajamas Update For Scheduling P1
devops growth group fulfillment

gitlab-org/customers-gitlab.com#958 5



Review Issue



GitLab.org > customers-gitlab.com > Issues > #946

Open Opened 3 months ago by Ammar Alakkad

Close issue ▾ **New issue**

Wrong text color for .alert-info



Summary

Wrong text color for `.alert-info`, it's showing white text instead of `#0c5460`. I believe it's related to scss imports orders.

Steps to reproduce

1. Login to the customers portal with an account that doesn't have any invoice.
2. Go to the invoices page.
3. Notice the alert that says "You do not currently have any invoices."

What is the current bug behavior?

White text on a light background, barely readable.

What is the expected correct behavior?

Dark text (`#0c5460`) on a light background.

Relevant logs and/or screenshots

GitLab Contact Us My Account Manage Purchases **Payment History** Payment Methods FAQ Sign out

View Invoices

You do not currently have any invoices.

Linked issues 0 +

Oldest first ▾ Show all activity ▾ Create merge request ▾

Discussion 2 Discussions 0



See Progress using Merge Requests



Open Opened just now by  Josh Swann

Edit Close merge request

WIP: Resolve "Put links back to the homepage from the greetings page"

Overview 0 Commits 0 Changes

Closes #18

Request to merge 18-put-links-back-t... into master

Open in Web IDE Check out branch 

Merge requests are a place to propose changes you have made to a project and discuss those changes with others.

Interested parties can even contribute by pushing commits if they want to.

Currently there are no changes in this merge request's source branch. Please push new commits or use a different branch.

Create file

Show all activity 

 0  0 

Josh Swann @joshswann changed milestone to %Version 2.0 just now

Josh Swann @joshswann added To Do label just now

Write Preview

Write a comment or drag your files here...

Markdown and quick actions are supported

Attach a file 

Comment  Close merge request

- Merge Request to Issue Traceability
- Web IDE or Check Out locally
- Branch Creation
- Record of changes and their impact to the branch

Built-in IDE - Code Changes



tanuki-two
swann-demo/tanuki-two

32-investigate-vulnerability-hardcoded-constant-database-password

Edit 32-investigate-vulnerability-hardcoded-constant-database-password

Greeting.java Application.java HelloController.java GreetingController...
src .gitlab main java hello Application.java Greeting.java GreetingController.java HelloController.java Taints.java resources .codeclimate.yml .example.ci.file.yml.not_in_use .gitignore .gitlab-ci.yml Dockerfile README.md app.json ci_settings.xml pom.xml

Commit... 0 changed files

```
1 package hello;
2
3 import org.springframework.stereotype.Controller;
4 import org.springframework.ui.Model;
5 import org.springframework.web.bind.annotation.GetMapping;
6 import org.springframework.web.bind.annotation.ModelAttribute;
7 import org.springframework.web.bind.annotation.PostMapping;
8
9 @Controller
10 public class GreetingController {
11
12     @GetMapping("/greeting")
13     public String greetingForm(Model model) {
14         model.addAttribute("greeting", new Greeting());
15         return "greeting";
16     }
17
18     @PostMapping("/greeting")
19     public String greetingSubmit(@ModelAttribute Greeting greeting) {
20         return "result";
21     }
22 }
```

Check out, review, and merge locally

Step 1. Fetch and check out the branch for this merge request

```
git fetch origin
git checkout -b "32-investigate-vulnerability-hardcoded-constant-database-password" "origin"
```

Step 2. Review the changes locally

Step 3. Merge the branch and fix any conflicts that come up

```
git fetch origin
git checkout "origin/master"
git merge --no-ff "32-investigate-vulnerability-hardcoded-constant-database-password"
```

Step 4. Push the result of the merge to GitLab

```
git push origin "master"
```

Tip: You can also checkout merge requests locally by [following these guidelines](#).

Traceability



WIP: Resolve "Investigate vulnerability: Hardcoded constant database password"

Overview 0 Commits 1 Pipelines 1 Changes 2

Closes #32

The screenshot shows a GitHub pull request interface for a merge request titled "Request to merge 32-investigate-vuln... into master". The pipeline status is shown as "Pipeline #131563038 passed for 414431ca on 32-investigate-vuln...". A red box highlights the pipeline status bar. Below it, an "Approve" button and a note "Requires approval." are shown, with a red box highlighting the approval section. Another red box highlights the "Scan Results" section, which includes items like "Code quality improved on 52 points", "Security scanning detected 43 fixed vulnerabilities" (with a note about an out-of-date security report), and "License Compliance detected no new licenses". At the bottom, there's a "Merge" button with the note "This is a Work in Progress" and a "Resolve WIP status" link, along with "Closes #32" and "Assign yourself to this issue" buttons. A note at the bottom says "You can merge this merge request manually using the command line".

- CI/CD Pipeline Activity
- Approval Processes
- Scan Results
 - Code Quality
 - Security Scanning
 - Compliance
- Code Reviews
- And more!
 - Commit History
 - Comments
 - Reactions

Code Review



swann-demo > tanuki-two > Merge Requests > !130

[Open](#) Opened 3 weeks ago by **Josh Swann**

[Edit](#) [Close merge request](#)

Resolve "Investigate vulnerability: Hardcoded constant database password"

Overview 0 Commits 1 Pipelines 1 **Changes 2**

Compare latest version and master

2 files +0 -284

src/main/java/hello/CodeSmells.java deleted

```
1 - package hello;
2 -
3 - import java.lang.Integer;
4 -
5 - public class CodeSmells{
6 -
7 - //TODO: Need to flesh out these functions more.
8 - //password: IamputtingAPasswordH3R3
9 -
10 -
11 -     public Greeting drive;
12 -
13 -     public void tearDown(){
```

+0 -74

Write Preview

Why? Really? Why?

Markdown is supported

Attach a file

[Start a review](#) [Add comment now](#) [Cancel](#)



Code Review



Overview 1 Commits 1 Pipelines 1 Changes 2 0/1 thread resolved Reply Thread Up

Josh Swann @joshswann restored source branch 32-investigate-vulnerability-hardcoded-constant-database-password 3 weeks ago

Josh Swann @joshswann added 1 commit 3 weeks ago

- [414431ca](#) - Deleted src/main/java/hello/CodeSmells.java, src/main/java/hello/ConstantPasswords.java files

[Compare with previous version](#)

Josh Swann @joshswann unmarked as a **Work In Progress** 2 weeks ago

Josh Swann @joshswann approved this merge request 2 weeks ago

Josh Swann @joshswann started a thread on the diff 26 seconds ago Toggle thread

src/main/java/hello/CodeSmells.java deleted Reply

```
1  - package hello;  
2  -  
3  - import java.lang.Integer;  
4  -  
5  - public class CodeSmells{  
6  -  
7  - //TODO: Need to flesh out these functions more.  
8  - //password: IamputtingAPasswordH3R3  
9  -  
10 -  
11 -     public Greeting drive;  
12 -  
13 -     public void tearDown(){
```

Josh Swann @joshswann · 26 seconds ago Owner Reply Smile Edit More

Why? Really? Why?

Reply... Resolve thread Reply



Easy Merging



[Merge](#) Delete source branch

➤ 1 commit and 1 merge commit will be added to master. [Modify merge commit](#)

Closes #32
[Assign yourself to this issue](#)

You can merge this merge request manually using the command line

Merged by  [Josh Swann](#) just now [Revert](#) [Cherry-pick](#)

The changes were merged into [master](#) with [952e47ea](#) 

The source branch has been deleted

[Closed #32](#)

[Assign yourself to this issue](#)



CI/CD Pipelines



All 150	Pending 0	Running 1	Finished 149	Branches	Tags	Run Pipeline	Clear Runner Caches	CI Lint
Status	Pipeline	Triggerer	Commit	Stages				
⌚ running	#135457891 latest		P master -o b07350bb Merge branch '30-i-wanna-go-f...					
⌚ canceled	#134517448 latest		P 18-put-link... -o b07350bb Merge branch '30-i-wanna-go-f...					
⌚ passed	#131563038 latest		P 32-investig... -o 414431ca Deleted src/main/java/hello/Cod...					
⌚ failed	#131562920		P 32-investig... -o b07350bb Merge branch '30-i-wanna-go-f...					
⌚ passed	#131444617 latest		P 31-add-unit... -o 33bc6e24 Deleted .example.ci.file.yml.not_i...					
⌚ passed	#131432572 latest		P 29-is-this-a... -o 8c0e37bb Deleted .example.ci.file.yml.not_i...					
⌚ passed	#131431688 latest		P 31-investig... -o b18f1034 Deleted src/main/java/hello/Cons...					
⌚ failed	#131431015		P 31-investig... -o b07350bb Merge branch '30-i-wanna-go-f...					



CI/CD Pipeline

The screenshot shows a GitLab pipeline interface for a project named "labore tempora sed voluptatem eius est ut". A green "passed" status badge indicates that Pipeline #66796601 was triggered 1 minute ago by Francis Potter.

The pipeline consists of the following stages:

- Build:** build
- Test:** code_quality, container_scan..., dependency_sc..., license_manag..., sast, test
- Review:** review
- Dast:** dast
- Performance:** performance

All stages and jobs have passed successfully, as indicated by green checkmarks and circular icons.

Resolved MR, Closed Issue



swann-demo > tanuki-two > Merge Requests > #30

Merged Opened 3 weeks ago by  Josh Swann

Edit

Resolve "Investigate vulnerability: Hardcoded constant database password"

Overview 1 Commits 1 Pipelines 1 Changes 2

0/1 thread resolved



Closes #32 (closed)

Edited 2 weeks ago by Josh Swann

 Request to merge 32--investigate-vulnerability-hardcoded-constant-database-password into master



 Pipeline #131563038 passed for 414431ca on 32--investigate-vulnerability-hardcoded-constant-database-password



 Merge request approved. Approved by 

 View eligible approvers

 Code quality improved on 52 points

Expand

 Security scanning detected 13 new, and 65 fixed vulnerabilities

 View full report



 License Compliance detected no new licenses

 Manage licenses

 View full report

 Merged by  Josh Swann 2 minutes ago

 Revert

 Cherry-pick

The changes were merged into master with 952e47ea

The source branch has been deleted

Closed #32 (closed)

Assign yourself to this issue

 Pipeline #140454208 running for 952e47ea on master



Will deploy to production

 View latest app



swann-demo > tanuki-two > Issue Boards

Development Search or filter results...

Show labels Edit board Add list

 Open

Click here if you forgot your password

Priority 2 

#9

Add an in-memory database

Priority 2 

#12

 Investigate vulnerability: Password in URL

Priority 2 

#17 Jul 5, 2019

Check to see if the Template still works

Priority 1 

#22

 Investigate vulnerability: Found Spring endpoint

Priority 1 

#19

Super Awesome new Feature implementation

Priority 1 

#27

Reset the password field in the project

Priority 1 

#11

Create a .gitlab/.gitlab-webide.yml file to enable web terminal feature

Priority 1 

#16

 Investigate vulnerability: Hard coded key

 To Do

Change the Pom.xml file

Priority 1 

#8

Put links back to the homepage from the greetings page

#18

 Doing

Done

Priority 1 

#19

 Closed

Investigate vulnerability: Hardcoded constant database password

#32

I Wanna go Fast!

#30

Update maven repo url

#26

Update new base Docker image for JDK

#25

Add some code quality issues in the code

#24

something new

#23

Create an issue template for User Stories

#21

Reface the login page

#20

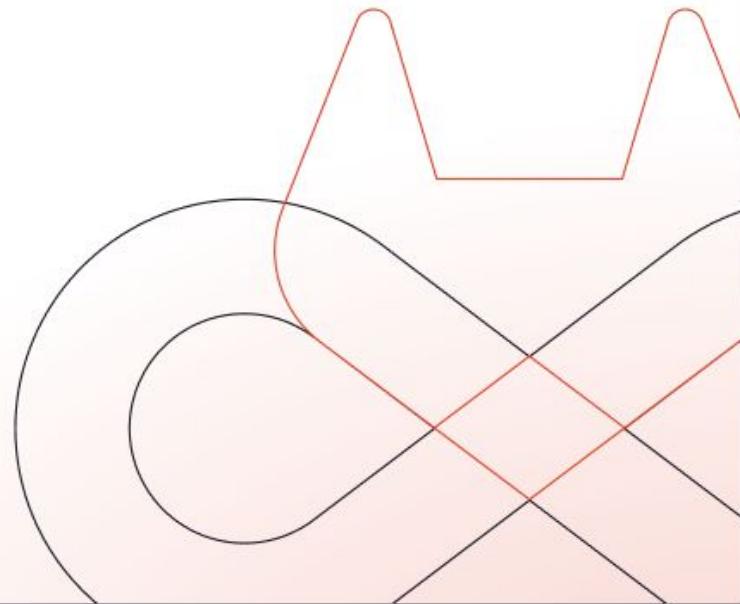
Move the Login block to the center of the page

#7

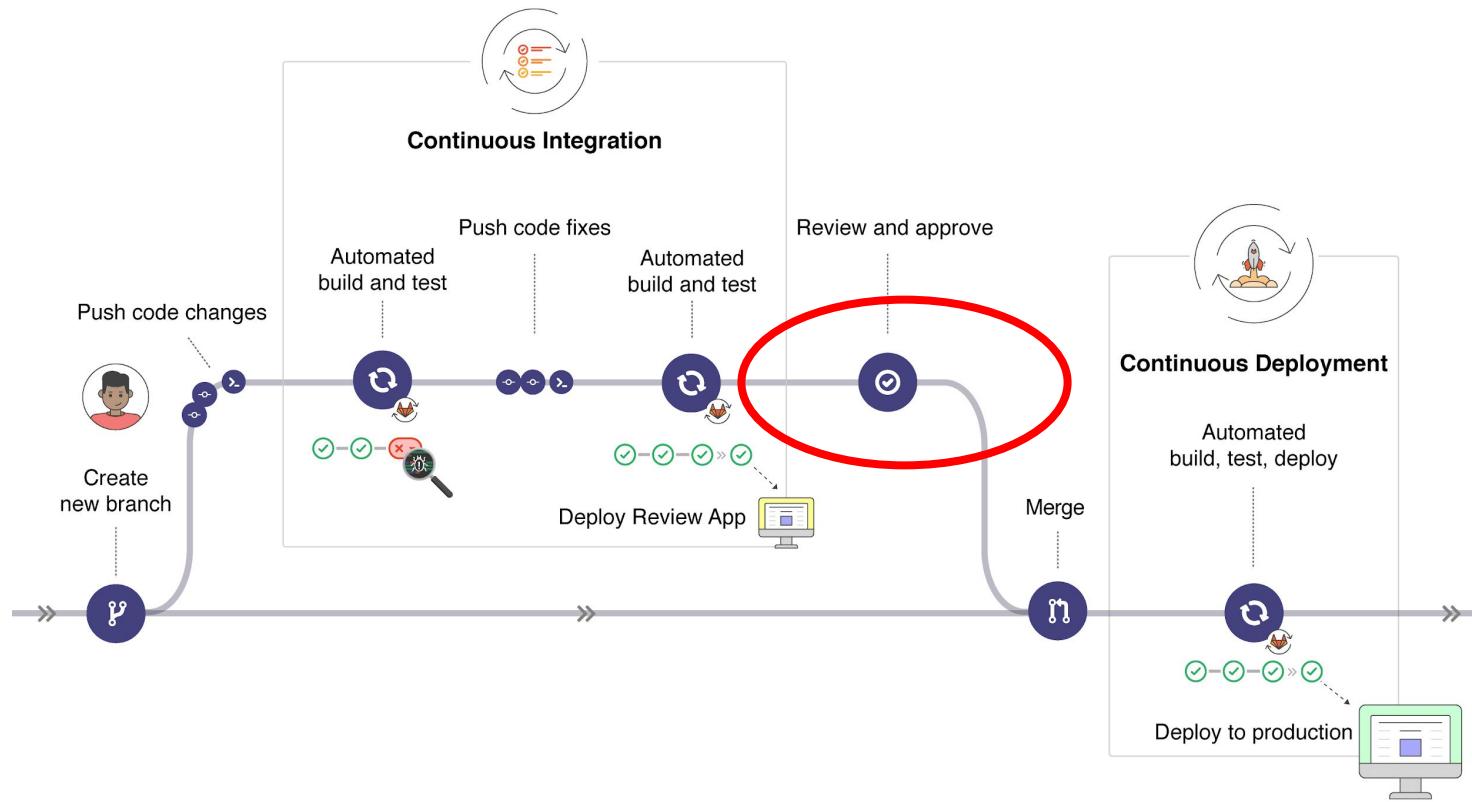
Add new code for the toolbar script

#14

Approvals



Approvals Process



Merge Request - Approval by Specific Users/Groups



Pipeline #164766916 running for 6ceea7c on 18-change-the-ux-2



Will deploy to [review/18-change-the-u...](#)



Requires 4 more approvals from QA and Team-Leaders.

▼ [Collapse](#)

Approvers	Approvals	Approved by
Any eligible user ?	0 of 1	None
QA	0 of 1	None
Team-Leaders	0 of 2	None



Merge

This is a Work in Progress [?](#)

Resolve WIP status

Approval Configuration



Collapse

Project ->
Settings ->
General ->
Merge Request Approvals

Merge request approvals

Set a number of approvals required, the approvers and other approval settings. [Learn more about approvals.](#)

Approval rules

Name	Approvers	Target branch	No. approvals required	
Any eligible user ?		Any branch	1	
QA		master	1	Edit
Team-Leaders		master	2	Edit

[Add approval rule](#)

The "Require approval from CODEOWNERS" setting was moved to [Protected Branches](#) [?](#)

X

- Can override approvers and approvals required per merge request [?](#)
- Remove all approvals in a merge request when new commits are pushed to its source branch
- Prevent approval of merge requests by merge request author [?](#)
- Prevent approval of merge requests by merge request committers [?](#)
- Require user password to approve [?](#)

[Save changes](#)



Protected Branches



- Limit creation of files to Maintainers / Owners
- Restricts pushes to users with Allowed permission.
- Prevents
 - force pushing to the branch.
 - deleting the branch.

Protect a branch

Branch:
Wildcards such as `*-stable` or `production/*` are supported

Allowed to merge:

Allowed to push:
Only groups that [have this project shared](#) can be added here

Require approval from code owners:
Pushes that change filenames matched by the CODEOWNERS file will be rejected

Branch	Allowed to merge	Allowed to push	Code owner approval	
master <small>default</small>	Maintainers	Maintainers	<input checked="" type="checkbox"/>	<button>Unprotect</button>
new-front-end-experimentation	Maintainers	Maintainers	<input checked="" type="checkbox"/>	<button>Unprotect</button>



CODEOWNERS



- Define ownership of specific files or paths in a repository
- Enforce CODEOWNER approval as part of Merge Approvals
- Configure in CODEOWNERS file in repository

```
CODEOWNERS @multiple @code @owners

# Both usernames or email addresses can be used to match
# users. Everything else will be ignored. For example this will
# specify `@legal` and a user with email `janedoe@gitlab.com` as the
# owner for the LICENSE file
LICENSE @legal this_does_not_match janedoe@gitlab.com

# Group names can be used to match groups and nested groups to specify
# them as owners for a file
README @group @group/with-nested/subgroup

# Ending a path in a `/` will specify the code owners for every file
# nested in that directory, on any level
/docs/ @all-docs

# Ending a path in `/*` will specify code owners for every file in
# that directory, but not nested deeper. This will match
# `docs/index.md` but not `docs/projects/index.md`
/docs/* @root-docs
```

Security Approval Rules



Rule mode .yaml mode

Name

Description

Policy status

Rules

IF Container Scanning scan in an open merge request targeting the main branch(es) finds 1 or more Critical vulnerabilities that are Newly detected

+ Add rule

Actions

THEN Require approval from 1 of the following approvers:

David DeSanto

Sam White

Lucius Fox

.yaml preview

```
type: scan_result_policy
name: ''
description: ''
enabled: true
rules:
- type: scan_finding
  branches:
  - main
  scanners:
  - container_scanning
  vulnerabilities_allowed: 1
  severity_levels:
  - critical
  vulnerability_states:
  - newly_detected
actions:
- type: require_approval
  approvals_required: 1
  user_approvers_ids:
  - 3615719
  - 5292351
  - 8832840
  group_approvers_ids: []
```



Security vulnerabilities are reported in the MR pipeline report...

The image shows a screenshot of the GitLab web interface for a merge request. At the top, there's a navigation bar with links for 'Projects', 'Groups', 'Activity', 'Milestones', and 'Snippets'. A search bar is also present. On the right side of the header, there are icons for notifications (20), messages (2), and issues (31), along with a user profile picture.

The main content area displays a merge request from 'feature-branch' into 'master'. It includes a 'Request to merge' button, an 'Open in Web IDE' button, and a 'Check out branch' button. Below this, a green checkmark icon indicates that 'Pipeline #26848268 passed for e4649a35 on feature-branch'. There are two green checkmarks to its right.

On the left side of the merge request details, there's a vertical sidebar with various icons corresponding to GitLab features like code review, CI/CD, and project management. The 'None' status is shown for several items in this sidebar.

The merge request itself contains several sections:

- A section for 'Add approval' with a note: 'No Approval required; you can still approve'.
- A warning about security scanning: 'Security scanning detected 63 new vulnerabilities and 3 fixed vulnerabilities'. It includes 'View full report' and 'Expand' buttons.
- A warning about license management: 'License management detected 2 new licenses'. It includes 'View full report' and 'Expand' buttons.
- A status message: 'Merge This is a Work in Progress' with a question mark icon, and a 'Resolve WIP status' button.
- A note at the bottom: 'You can merge this merge request manually using the command line'.

At the very bottom, there are three small emoji buttons for 'Like', 'Thumbs Up', and 'Smiley'.

..in a developer-friendly way...with drill-down capabilities



S Pipeline #26848268 passed for e4649a35 on feature-branch

Add approval No Approval required; you can still approve ⓘ

! Security scanning detected 63 new vulnerabilities and 3 fixed vulnerabilities

View full report ⓘ Collapse

① SAST detected 59 new vulnerabilities and 1 fixed vulnerability ⓘ

- ✖ Medium (Medium): Predictable pseudorandom number generator in maven/src/main/java/com/gitlab/security_products/tests/App.java:47
- ✖ Medium (High): Cipher with no integrity in gradle/src/main/java/com/gitlab/security_products/tests/App.java:29
- ✖ Medium (High): Use of insecure MD2, MD4, or MD5 hash function. in python/imports/imports-aliases.py:11
- ✖ Medium (High): Use of insecure MD2, MD4, or MD5 hash function. in python/imports/imports-aliases.py:12
- ✖ Medium (High): Use of insecure MD2, MD4, or MD5 hash function. in python/imports/imports-aliases.py:13

① Dependency scanning detected 2 new vulnerabilities and 1 fixed vulnerability ⓘ

- ✖ Unknown:
Remote command execution due to flaw in the includeParams attribute of URL and Anchor tags for org.apache.struts/struts2-core in pom.xml
- ✖ Unknown: Arbitrary OGNL code execution via unsanitized wildcard matching for org.apache.struts/struts2-core in pom.xml
- ✓ Unknown: CSRF protection bypass for org.apache.struts/struts2-core in pom.xml

① Container scanning detected 1 new vulnerability and 1 fixed vulnerability ⓘ

Projects Groups Activity Milestones Snippets

Search or jump to... 20 23

None 0 6 4 8 0



Developers can drill down and can take action



Cipher with no integrity

Identifiers: Find Security Bugs-CIPHER_INTEGRITY

File: gradle/src/main/java/com/gitlab/security_products/tests/App.java

Class: com.gitlab.security_products.tests.App

Method: insecureCypher

Severity: Medium

Confidence: High

[Learn more about interacting with security reports \(Alpha\).](#)

CancelDismiss vulnerabilityCreate issue



Providing visibility into security risk via Security Dashboard



Quickly understand your at risk projects with Project Security Grades

The screenshot shows the GitLab Security Dashboard interface. At the top, there are filters for Severity (All), Confidence (All), Report Type (All), and Project (All). Below this is a table listing vulnerabilities:

Severity	Vulnerability	Confidence
Critical	XSS in data-target property of scrollspy for bootstrap GitLab.org / security-products / binaries	High
Critical	Errors unhandled. GitLab.org / security-products / binaries	Low
Critical	Prototype pollution attack for extend GitLab.org / security-products / binaries	-
Critical	Render path contains parameter value GitLab.org / security-products / binaries	-
High	Insecure variable usage GitLab.org / security-products / binaries	High
High	Nokogiri gem, via libxml2, is affected by multiple vulnerabilities GitLab.org / security-products / binaries	High
High	Possible SQL injection GitLab.org / security-products / binaries	Low
Medium	Unescaped model attribute <code>gitlab-ce#1234</code> GitLab.org / security-products / binaries	Medium
Medium	Unescaped parameter value GitLab.org / security-products / binaries	Medium
Medium	Possible command injection GitLab.org / security-products / binaries	Medium
Medium	Incomplete or No Cache-control and Pragma HTTP Header Set	Low

On the right side, there is a chart titled "Vulnerabilities over time" showing the count of vulnerabilities from May 17th to today, categorized by severity: Critical (22), High (41), Medium (13), and Low (7).

Project security status ⓘ
Projects scored by vulnerability severity type detected.

Grade	Count
F	2 projects
D	9 projects
C	27 projects
B	19 projects
A	48 projects

This panel provides a detailed breakdown of the project security status for each grade:

- F** 2 projects:
 - demos / project 1 (15 high)
 - security-products / sast (12 high)
- D** 9 projects:
 - analyzers / secrets (12 high)
 - security-products / dast (8 high)
 - security-products / dependency scanning (3 high)
 - security-products / license management (11 unknown)
- C** 27 projects:
 - demos / project 2 (9 unknown)
 - demos / project 3 (4 unknown)
- B** 13 projects:
 - A 48 projects

Manage Security Risk Globally

Deployment Environments are First-Class Citizens



Screenshot of the GitLab interface showing the 'Environments' page for the 'chipmunk' project.

The left sidebar shows project navigation: Project overview, Repository, Issues (36), Merge Requests (8), CI / CD, Security & Compliance, Operations (Metrics, Tracing), Environments (selected), Error Tracking, Serverless, and Pod logs.

The main content area displays two environments:

- staging**:
 - Deployment #57 by [user] (staging #39504...)
 - Commit: master → 9af71d0a (Merge branch '13-temp...' 1 month ago)
 - Status: 100% Complete (Instance (1) Succeeded)
 - Deployment controls: [refresh], [play], [stop], [cancel]
- production**:
 - Deployment #47 by [user] (rollout 100% #35...)
 - Commit: master → 36cf9b6e (Merge branch '5-neque...' 2 months ago)
 - Status: 100% Complete (Instance (1) Succeeded)
 - Deployment controls: [refresh], [play], [stop], [cancel]

A green button labeled "New environment" is located in the top right corner of the main content area.

Operations Dashboard



GitLab Projects Groups More Search or jump to... 26 11 12 2 Add projects

Operations Dashboard

The Atomic Lab / The Quark 4pp

master → f071f0da 3 months ago 0 Alerts

Update with alpine image

(failed)

The Atomic Lab / The Quantum App

master → e42f0a14 3 months ago 0 Alerts

Update README.md

(passed)

The Atomic Lab / The Neutrino App

master → ce8bbcb9 3 months ago 0 Alerts

Update README.md

(passed)

The Atomic Lab / The Quark App

Release 1.0 → b8a54bfd 4 months ago 0 Alerts

Merge branch '3-reset-demo-e...

(passed)

Joel Krooswyk / SpringSample

master → 87de7ce0 0 Alerts

Merge branch '150-finally-an-u...

(blocked)

GitLab.org / GitLab

master → 4ffc1a8b 0 Alerts

Merge branch 'add-annotation...

(running)

GitLab.org / gitlab-runner

master → 2de51da1 14 minutes ago 0 Alerts

Merge branch 'docs-onivek-git...

(failed)

GitLab.org / GitLab FOSS

master → fedf978f 0 Alerts

Add latest changes from gitlab...

(running)

More (top) → Operations

Note: Configured by each User

Q&A

