



# Upgrading Drupal.org

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Drupal Association

```
get_tweets_payload.js  get_tweets_payload.py  # get-user.js  # get-user.js
const accessTokenURL = new URL('https://api.twitter.com/oauth/accessToken');
const authorizeURL = new URL('https://api.twitter.com/oauth/authorize');
const endpointURL = new URL('https://api.twitter.com/labs/1/user');
19
20 const params = {
21   usernames: 'AureliaSpecker',
22   format: 'detailed'
23 };
24
25 async function input(prompt) {
26   return new Promise(async (resolve, reject) => {
27     readline.question(prompt, (out) => {
28       readline.close();
29       resolve(out);
30     });
31   });
32 }
33
34 async function accessToken(oauth_token, oauth_verifier) {
35   const oAuthConfig = {
36     consumer_key: ConsumerKey,
37     consumer_secret: ConsumerSecret,
38     token: oauth_token,
39     token_secret: oauth_token_secret,
40     verifier: verifier,
41   };
42
43   const req = await post(accessTokenURL, oAuthConfig);
44   if (req.body) {
45     return qs.parse(req.body);
46   } else {
47     throw new Error('No response from API');
48   }
49 }
50
51 async function getTweets(payload) {
52   const req = await post(endpointURL, payload);
53   if (req.body) {
54     return qs.parse(req.body);
55   } else {
56     throw new Error('No response from API');
57   }
58 }
59
60 export { input, accessToken, getTweets };
61
```





**Drupal  
Association**

Engineering team



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**Infrastructure rebuild**

**Drupal migration**

**Issue migration**





# Infrastructure rebuild



## Infrastructure rebuild

# Hardware → Cloud

Drupal.org's infrastructure started with hardware

Dedicated servers & Virtual Machine hosts

AWS added for CI

git.drupalcode.org outgrew hardware

Kubernetes for modern hosting

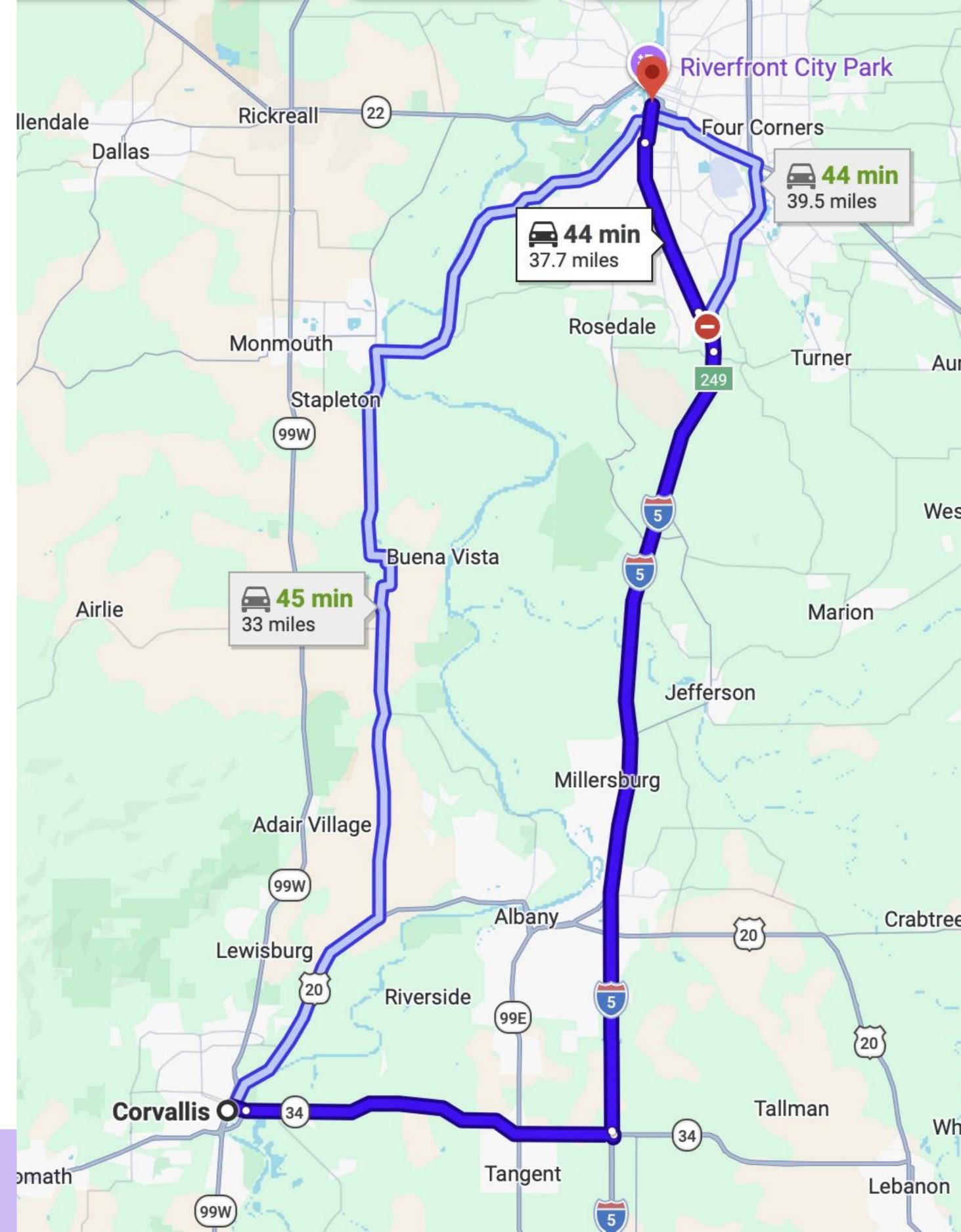
Hardware will remain for dev/stage & CI



## Infrastructure rebuild

# Hardware → Cloud

The physical servers needed to move,  
accelerating our transition to Kubernetes  
www.drupal.org legacy site was shifted before the move  
localize, security, jobs & groups had an outage



## Infrastructure rebuild

# How we're using AWS

Managed services for things like MySQL, RabbitMQ

EC2 for GitLab's Omnibus installation

Containerizing as much as possible for Drupal sites and related services

Pulumi for infrastructure as code

Puppet → Ansible for configuration management

Jenkins → Helm CronJobs & Argo workflows





# Drupal migration



## Drupal migration

# Drupal.org is multiple sites

[events.drupal.org](https://events.drupal.org)

[api.drupal.org](https://api.drupal.org)

[association.drupal.org](https://association.drupal.org)

[www.drupal.org](https://www.drupal.org)

[security.drupal.org](https://security.drupal.org)

[localize.drupal.org](https://localize.drupal.org)

[jobs.drupal.org](https://jobs.drupal.org)

[groups.drupal.org](https://groups.drupal.org)



## Drupal migration

# Drupal.org is multiple sites

events.drupal.org	Rebuilt from scratch
api.drupal.org	Ported
association.drupal.org	Merged into www.drupal.org
www.drupal.org	Progressively migrating via new.drupal.org
security.drupal.org	Merging into git.drupalcode.org & www.drupal.org
localize.drupal.org	Being ported
jobs.drupal.org	May be ported or otherwise replaced
groups.drupal.org	Merging into www.drupal.org



Drupal migration

# www/new.drupal.org

## Content type by content type

Contribution records to take over issue credit

Case studies

Organizations are next, as a preview

## Landing pages

Gradually moving starting with the home page, Drupal CMS

marketing, industry pages

## Functionality

Starting with recipe browsing & the site template marketplace



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Still on Drupal 7? Security supp

## Drupal migration

# www/new.drupal.org

We originally wanted only `www.drupal.org`, routing requests to different Drupal sites  
`new.drupal.org` was needed since too many paths and assets collided with Drupal 7

Like `/admin`, `/node`, `/user`, `/files`, `/system/ajax`

When everything moves off of `www.drupal.org`, `new` will be renamed back to `www`





# Issue migration



## Issue migration

# Issues are migrating to GitLab

Issues are migrating project-by-project

The first few projects' issues have migrated

Paused for infrastructure migrations and DrupalCon priorities

project / Issues

The screenshot shows the GitLab Issues interface. At the top, there are filters for 'Open' (133), 'Closed' (1,573), and 'All' (1,706). A search bar is present with a search icon and a dropdown for 'Created date'. Below the search bar, there are three issue cards:

- Add feature to allow test dependencies to be installed at Next Major**  
project/gitlab\_templates#3572379 · created 6 days ago by Jonathan Smith  
category: feature, contribCi, state: needsWork  
15 comments, 1 link, In progress, updated 2 days ago
- Update documentation for GTD branches**  
project/gitlab\_templates\_downstream#3573348 · created 2 weeks ago by Jonathan Smith  
category: task  
1 comment, To do
- Test forking 1**  
project/test\_commit\_message#2 · created 2 weeks ago by Fran Garcia-Linares  
4 comments, To do, updated 2 weeks ago
- Add month parameter to csv export**  
project/contribution\_records#3563040 · created 1 month ago by Stephen Mustarave  
category: feature, priority: normal  
2 comments, To do, updated 1 month ago



## Issue migration

# Projects & releases are staying

These are metadata & content, not code

Supports project browsing

Drupal Core expects specific packaging

Composer integration with [packages.drupal.org](https://packages.drupal.org)

## Supporting organizations:

[Lullabot](#) 7.x-1.x maintenance, 8.x-1.x port and maintenance

[MD Systems GmbH](#) 8.x-1.x port and maintenance

## Project information

Project categories: [Automation](#), [Developer tools](#)

 **528,602** sites report using this module

Created by [eaton](#) on 30 December 2006, updated 13 February 2025

 Stable releases for this project are covered by the [security advisory process](#). Look for the shield icon below.

## Releases

**8.x-1.17**  released 9 January 2026

Works with Drupal: [^10.3](#) || [^11](#)

PHP 8.5 compatibility, OOP hook conversion and minor performance improvement

Install: `composer require 'drupal/token:^1.17'`

Development version: [8.x-1.x-dev](#) updated 18 Oct 2025 at 09:23 UTC

GitLab CI:  [view all pipelines](#)

Issue migration prep work

# CI & merge requests

Switched from DrupalCI to GitLab CI

That required switching from patches to merge requests

**Running**

#768311  
refactor: #3561385 Fix "expects Fiel...  
🔗 11.x 🔗 325b2791 🐅  
latest branch

🟢🟢🟡 → 🟢🟡

**Running**

#768310  
refactor: #3561385 Fix "expects Fiel...  
🔗 main 🔗 15474081 🐅  
latest branch

🟢🟢🟡 → 🟡

**Failed**

🕒 00:06:52  
📅 45 minutes ago

#768275  
Merge branch '2544708-display-title...  
🔗 11868 🔗 cfcf6577 🧑  
latest merged results

🟢🔴🔗



Issue migration prep work

# Decouple issues from the site

Issues were referenced by change records  
and issues themselves, parent & related issues  
Replaced entity reference fields with link fields  
Issue counts and summaries are being removed

## text\_summary() is deprecated TextSummary service

By smustgrave on 12 March 2026

**Change record status:** Published (View all published change records)

**Project:** [Drupal core](#)

**Introduced in branch:** 11.4.x

**Introduced in version:** 11.4.0

**Issue links:**

[#3568387: Move text\\_summary to TextSummary service and deprecate](#)

**Description:**

The `text_summary` function is deprecated and will be removed in Drupal 12.0.0. Use the `TextSummary` service instead.

**Before**

```
text_summary($filtered_markup, 'neither_filter_enabled', 30)
```

**After**

```
use Drupal\text\TextSummary;  
\Drupal::service(TextSummary::class)->generate($filtered_ma
```

**Impacts:**

Site builders, administrators, editors

Module developers

Site templates, recipes and distribution developers

Issue migration prep work

# Rebuild issue credit

Issue credit has become important to the Drupal community but GitLab does not support it

So we rebuilt it as contribution records in Drupal 10

 Issue

**Contribution record**

## Contributors

Granted credits are reviewed by maintainers for attribution.

<input type="checkbox"/>	Give credit to everyone
<input checked="" type="checkbox"/>	<a href="#">mstrelan</a>
<input checked="" type="checkbox"/>	<a href="#">smustgrave</a>   organization(s): Mobom
<input type="checkbox"/>	<a href="#">rpayanm</a>   organization(s): Kanopi Stu
<input checked="" type="checkbox"/>	<a href="#">longwave</a>   organization(s): Full Fat Th
<input checked="" type="checkbox"/>	<a href="#">godotislake</a>   volunteering
<input type="checkbox"/>	<a href="#">sivaji_ganesh_jojodae</a>

Issue migration prep work

# Security issues

Switch to plain text editing 

- Turn on confidentiality: Limit visibility to project members with at least the Planner role.

Issues in GitLab can always be confidential

This is a natural way to report security issues to maintainers

But the security team isn't notified, and no way to collaborate on a private merge request



Issue migration prep work

# Security issues

- @drupalbot makes a private fork for access control, private branches & merge requests
- Context about security support and the advisory process is added
- Maintainers and the security team begin triage

D

**drupalbot** @drupalbot 1 month ago

Thanks for reporting this security issue. Drupal security issues follow a coordinated disclosure policy; if a security fix is needed, the advisories are made public at a coordinated time. *Do not discuss this outside*

Maintainers: Please help triage this issue by validating if you can reproduce the issue, and evaluating its impact. If a fix is needed, please use this issue to work on a fix and create a merge request. As the project's maintainers, you are responsible for making security fixes when needed.

Do not commit any code until directed to do so. Please review [Drupal's security team. Now what?](#)

**drupalbot** changed the description 1 month ago · [Compare with previous version](#)

**drupalbot** added **Security status** **unvalidated** label 1 month ago

**Christian López Espínola** added **Security status** **validated** label and removed **Security status** **unvalidated** label 1 month ago

**Christian López Espínola** added **Security risk** **Less critical** label 1 month ago



Issue migration prep work

# Security issues

Automations including

- Slash commands to manage access
- Integration with advisory drafting on Drupal.org
- Reminders with GitLab Triage

• Greg Knaddison added **Security advisory needed** label

D

**drupalbot** @drupalbot 1 month ago

Maintainers, please [draft an advisory for this issue](#)

• Neil Drumm changed milestone to **2026-01-28** 1 month ago

S

**Security team bot** @security-team-bot 1 month ago

This issue is scheduled to be released this upcoming Wednesday.

Maintainers - before the release window opens, complete the following tasks:  
• create security releases for every affected supported version of the security issue.

Now is also the time to finalize the security advisory.

If you can not complete these tasks this week, please let us know.



## Issue migration

# Where we are

Issues for a handful of projects have migrated  
Migration is *every* issue, including closed issues

We've been chasing down edge cases like

- HTML-ish to Markdown formatting
- Labels silently discarded if not consecutively-indexed
- Managing automated comments and queue congestion
- Triaging unpublished issues

Open 64 Closed 418 All 482

 Search or filter results...

 **Add feature to allow test dependencies to be installed at Next Major**  
project/gitlab\_templates#3572379 · created 6 days ago by Jonathan Smith category

 **Bump Drupal CMS to 2.0.0**  
project/gitlab\_templates#3570276 · created 1 month ago by drupalbot category task

 **Bump CORE\_PHP\_MAX to 8.5 and CORE\_PHP\_NEXT to 8.6**  
project/gitlab\_templates#3566341 · created 2 months ago by drupalbot category task

 **Prototype a pipeline step for automated AI review of MRs**  
project/gitlab\_templates#3562505 · created 3 months ago by drupalbot category fea

 **Prevent module maintainers from leaking secrets**  
project/gitlab\_templates#3561125 · created 3 months ago by drupalbot category fea  
state accepted

 **Move some scaffolding files for linting jobs from core to the assets folder**  
project/gitlab\_templates#3559584 · created 3 months ago by drupalbot category fea

 **Run phpunit tests for the files inside the Drupal project folder**  
project/gitlab\_templates#3558994 · created 3 months ago by drupalbot category fea

 **Improve CORE\_SECURITY message inCheck Versions**  
project/gitlab\_templates#3558264 · created 3 months ago by drupalbot category tas

## Issue migration

# Example fix

We disable notifications for a project while its issues are migrating

GitLab queues notifications

Notifications are *sent* if processed after the project's notifications are re-enabled

We use the Rails console to look for projects with notifications disabled and empty queues

```
# Count queued jobs
Sidekiq::Queue.new.each do |job|
  if job.klass == 'NewNoteWorker' || job.klass == 'NewIssueWorker'
    id = job.args.first

    begin
      if job.klass == 'NewNoteWorker'
        note = Note.find(id)
        project = Project.find(note.project_id)
      else # NewIssueWorker
        issue = Issue.find(id)
        project = issue.project
      end

      # Check if project is in our hash (has emails disabled)
      if job_summary.key?(project.full_path)
        job_summary[project.full_path] += 1
      end

      rescue ActiveRecord::RecordNotFound => e
        if job.klass == 'NewNoteWorker'
          job_summary["[ORPHANED NOTE - ID: #{id}]"] += 1
        else
          job_summary["[ORPHANED ISSUE - ID: #{id}]"] += 1
        end
      end
    end
  end
end
```

## Issue migration

# Issue labels

Most metadata becomes labels including Category, Component, Priority, State, Tags, Version

Some are scoped, you can only have one state

Maintainers can change label options, everything is optional

GitLab features like issue boards are available

Development ▾

Search

Open

2 6957906 +

Avoid direct drupal calls

category task component code priority normal  
state accepted version 8.x-1.x-dev

#3478954 3478954

To do

Fix validate pipeline

category task component code priority normal  
version 8.x-1.x-dev

#3478952 3478952

To do

Closed

3

Do not use addMessage and hardcode the

category bug component code priority n  
state closed version 8.x-1.x-dev

#3512746 3512746

CI fixes.

category bug component code priority n  
state closed version 8.x-1.x-dev

#3506647 3506647

Link to config\_pr

category feature component code  
priority normal state closed version 8.x-1

#3472491 3472491

## Issue migration

# What's next

- Migrate projects that opted in 
- Make GitLab issues the default for new projects
- Migrate low-risk, low-usage, and/or sandbox projects
- GitLab infrastructure improvements, migrated issues will at least double the database's data
- Migrate remaining projects, excluding a few selected high-volume, high-risk
- Migrate the rest of the projects, including core



Issue migration

# How you can help

Plan issue at [drupal.org/i/3227737](https://drupal.org/i/3227737)

**#drupal-infrastructure** & **#gitlab** on Drupal Slack

Help test things as they become available

**Support the Drupal Association**

Slides are at

[drupalcampnj.org/session/upgrading-drupalorg](https://drupalcampnj.org/session/upgrading-drupalorg)

