GitLab Acceleration Update
Improving contributor tools on Drupal.org
I’m Neil Drumm, I work for the Drupal Association on the engineering team. We’re the people who keep Drupal.org running. All of Drupal.org, the subsites, DrupalCI, git.drupalcode.org, and more.
Why GitLab?

Improve our developer tools on Drupal.org
We have GitLab on git.drupalcode.org, we’re not using all of its capabilities that make sense for us to use.
GitLab as a company can do more than our small team.
Trade-offs

We’ve been building a **bespoke system for our needs** for years. We get the **features GitLab prioritizes, with limited customization.** Without a single database for the site, many **previously-straightforward integrations will be lost or replaced.**
## The big picture

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<tr>
<th>In progress</th>
<th>Account creation</th>
<th>Releases</th>
</tr>
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<tr>
<td>No big change</td>
<td>Projects</td>
<td></td>
</tr>
<tr>
<td>In progress</td>
<td>Simplifying Drupal.org</td>
<td></td>
</tr>
<tr>
<td>In progress</td>
<td>GitLab CI</td>
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<tr>
<td>Planning</td>
<td>Issue Collaboration</td>
<td>Issue Credit</td>
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Helps Drupal.org update past Drupal 7
Account creation

The goal is to make it easier to contribute to Drupal, not just to use some tools. Replace Bakery module. Keycloak for single sign on, social sign-in, federated login, and rebuild profile syncing around that.
Projects

No major change, staying on www.drupal.org. Where you find and evaluate extensions to Drupal.
Releases


Install

Works with Drupal: ^8.8 || ^9

$ composer require 'drupal/token:^1.10'
Simplifying Drupal.org

We’re also updating Drupal.org past Drupal 7. Fewer features are easier to maintain. We have a giant database of commit metadata we could not maintain.
Simplifying Drupal.org: Project pages

Removed commit information.
Replace our listings with links to git.drupalcode.org.
Documentation link simplification.
When issues migrate, their block will be replaced or removed.

Maintainers
Dave Reid
eaton
Berdir
greggles
mikeryan
fago

Development
Source code
Commit log
GitLab activity
Issues needing review [149 issues]
Report a security vulnerability
View change records

Issues for Token
To avoid duplicates, please search before submitting a new issue.

Advanced search
All issues
478 open, 15 RTBC, 1,726 total
Bug report
184 open, 6 RTBC, 699 total
Statistics
Simplifying Drupal.org: Profile pages

Added link to your git.drupalcode.org profile. Commit counts were replaced with showing all issue credit, and all projects maintained.
GitLab CI

DrupalCI was centralized, GitLab CI is decentralized. GitLab CI replaces parts of DrupalCI that were cumbersome to maintain.
GitLab CI: Infrastructure

Making sure we’re getting the most value for our money.
GitLab CI: Actually running the tests

Every maintainer will have to set up their own `.gitlab-ci.yml` file, if they want testing. Replaces both the scheduling on Drupal.org and configuration that was implicit in DrupalCI. We want to find ways to make this transition easy for maintainers.

```yaml
include:
- template: Security/Dependency-Scanning.gitlab-ci.yml
workflow:
rules:
- if: "$CI_PIPELINE_SOURCE == "schedule""
- if: "$CI_MERGE_REQUEST_IID"
- if: "$CI_PIPELINE_SOURCE == "push""
image: node:current-alpine3.13
stages:
- test
- release
lint:
rules:
- if: "$CI_MERGE_REQUEST_IID"
- if: "$CI_PIPELINE_SOURCE == "push""
stage: test
script:
- yarn install --immutable --immutable-cache --check-cache
- yarn lint
test:
rules:
- if: "$CI_MERGE_REQUEST_IID"
- if: "$CI_PIPELINE_SOURCE == "push""
stage: test
image: mcr.microsoft.com/playwright:focal
script:
- yarn install --immutable --immutable-cache --check-cache
- yarn build
- yarn test
audit:
rules:
- if: "$CI_PIPELINE_SOURCE == "schedule""
- if: "$CI_MERGE_REQUEST_IID"
- if: "$CI_PIPELINE_SOURCE == "push""
stage: test
script:
- yarn npm audit --severity low
retire-js-dependency_scanning:
  stage: test
```
GitLab CI: Discontinuing `.patch` files

GitLab CI tests **merge requests**, not patches. When a project switches from DrupalCI to GitLab CI, patches won’t be tested.
Issue forks & merge requests

Bridge the gap to use merge requests & GitLab CI with issues on Drupal.org.
In maintenance mode.
There are rough edges.
We’ll fix only what’s needed.
The big picture

| In progress | Account creation

| No big change | Projects | Releases

| In progress | Simplifying Drupal.org

| In progress | GitLab CI

| Planning | Issue Collaboration | Issue Credit | Issue Migration

Helps Drupal.org update past Drupal 7
Issues

We want to keep the **collaborative nature** of issues from Drupal.org. We want to keep **issue credit**. Needs to be a **complete migration**.
Issues: Collaboration

Issues on Drupal.org are collaborative. We want to keep that for GitLab issues.

Issues fixed in the last year, that had people credited
As of 2022-04-02

<table>
<thead>
<tr>
<th>People credited</th>
<th>Issues</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.8</td>
<td>1826</td>
<td>Drupal core</td>
</tr>
<tr>
<td>2.2</td>
<td>525</td>
<td>Cloud</td>
</tr>
<tr>
<td>2.2</td>
<td>289</td>
<td>Open Social</td>
</tr>
<tr>
<td>1.8</td>
<td>276</td>
<td>Webform</td>
</tr>
<tr>
<td>2.3</td>
<td>225</td>
<td>Automatic Updates</td>
</tr>
<tr>
<td>1.1</td>
<td>220</td>
<td>Block Class</td>
</tr>
<tr>
<td>2.5</td>
<td>155</td>
<td>Commerce Core</td>
</tr>
<tr>
<td>2.5</td>
<td>148</td>
<td>CKEditor 5</td>
</tr>
<tr>
<td>2.7</td>
<td>148</td>
<td>Florida DrupalCamp</td>
</tr>
<tr>
<td>2</td>
<td>141</td>
<td>ECA: Event - Condition - Action</td>
</tr>
<tr>
<td>2.3</td>
<td>132</td>
<td>Gin Admin Theme</td>
</tr>
<tr>
<td>7.5</td>
<td>98</td>
<td>Project Browser</td>
</tr>
<tr>
<td>1.9</td>
<td>97</td>
<td>simplytest.me</td>
</tr>
<tr>
<td>1.5</td>
<td>96</td>
<td>Search API Solr</td>
</tr>
<tr>
<td>1.6</td>
<td>95</td>
<td>farmOS</td>
</tr>
<tr>
<td>1.3</td>
<td>86</td>
<td>Geolocation Field</td>
</tr>
<tr>
<td>3.9</td>
<td>85</td>
<td>Views (for Drupal 7)</td>
</tr>
<tr>
<td>1.4</td>
<td>83</td>
<td>Web Experience Toolkit</td>
</tr>
<tr>
<td>1.5</td>
<td>81</td>
<td>Smart Date</td>
</tr>
<tr>
<td>1</td>
<td>80</td>
<td>IXM Blocks</td>
</tr>
</tbody>
</table>
Issues: Credit

We expect to rebuild it on Drupal, using data from git.drupalcode.org.
Issues: Preparation for Migration

References to issues on www.drupal.org will go away as we move issues away. This will impact change records, documentation, and more.

Change record status: Published (View all published on Drupal.org)
Project: Drupal core
Introduced in branch: 9.4.x
Introduced in version: 9.4.0
Issues:
#3031271: Support version negotiation for any entity (Node & Media are supported)

Description:
Before this change, version negotiation was only possible on entities. Since we have added #3043321: Use generic media-revision UI we can now support other entities as well.

After this change jsonapi now checks if an entity type supports version negotiation on those entities using the query parameter.

If you maintain a content-entity providing module and access control to revisions, see the change notice for access-api for node and media-revision UI.
Issues: Migration

Project by project. All the metadata, *preserve as much as practical*. Aim for a *smooth transition*. 
The big picture

- **In progress**: Account creation
- **No big change**: Projects, Releases
- **In progress**: Simplifying Drupal.org
- **In progress**: GitLab CI
- **Planning**: Issue Collaboration, Issue Credit, Issue Migration

Helps Drupal.org update past Drupal 7
How you can help

Meta issue at [drupal.org/i/3227737](http://drupal.org/i/3227737) #gitlab on Drupal Slack

Help test things as they become available.

Use merge requests.

Look for projects with [GitLab CI](https://gitlab.com) enabled.

If you are a maintainer, it will be available soon.