

## 5.3 Release Notes

### Meet the future eZ Platform

27th May 2014



eZ Publish Platform 5.3 offers large improvements of the future proof Symfony based "Platform stack", as well as a stable foundation to upgrade legacy (4.x) to with it's 3+2 years LTS ([Long term supported](#)) release with much improved integrations and documentation.

The main theme of 5.3 has been to complete the integration with the Symfony ecosystem, embracing standard components making the transition from Symfony development to eZ development a lot easier, while also providing more features eZ developers have traditionally been used to.

From 5.3 on, while it is still possible to use the legacy stack and templating system, we think using the "Platform stack" (previously referred as "New/Symfony/6.x") and the Symfony framework is the main way to go. This will be the foundation for the future [eZ Platform](#) where it will operate without dependencies on the legacy stack.

#### Quick links

- [Install 5.3](#)
- [Upgrade from 5.1 to 5.3](#)
- [Upgrade from 5.2 to 5.3](#)

## 5.3 Features

5.3 introduces several new features which makes it easier to use, faster to develop on and also continues to improve performance.

### Doctrine DBAL / DoctrineBundle use

eZ Publish 5.3 now uses Doctrine DBAL instead of Zeta Components Database. This allows users to reuse database connection and settings with other pure Symfony2 bundles which uses Doctrine ORM (default choice in Symfony2 documentation and code generators).

- Documentation:
  - [Content Repository configuration](#)
  - [Upgrade documentation](#)
- Implementation details: [Original JIRA issue](#), [DoctrineBundle integration pull-request](#), [Legacy storage engine refactoring pull-request](#), [Legacy storage engine refactoring pull-request](#)

### User authentication using Symfony security component

New login / logout functionality that uses Symfony's authentication system. This enables any kind of login handler or SSO handler made for Symfony to also work with eZ Publish 5., including handlers for LDAP.

- Documentation:
  - [Authentication with Symfony](#)
  - [How to authenticate a user with multiple user providers](#)
- Implementation details: [Original issue](#), [Original pull request](#), [Multiple user providers issue](#), [Multiple user providers pull request](#)

### Full Composer support

With 5.3 there is no longer two ways to deal with updates. Now it is only composer updates also for eZ Publish related software.

- Documentation: [Using Composer](#), [5.3.1 Release Notes](#), [5.3.2 Release Notes](#)

### Legacy SSO support

Allows use of existing legacy SSO handlers with the new user login system in 5.3 which is powered by Symfony.

- Documentation: [Authentication with Legacy SSO Handlers](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Content Preview using "eZ Platform" stack

With 5.3 your content previewing needs, also from the current legacy based admin interface will run on the new "*eZ Platform*" stack, avoiding that you need to also create all templates in legacy to be able to preview correctly.

- Implementation details: [Original Issue](#), [Original pull request](#)

## Solr 4.x support in eZ Find and API

Preview of Solr 4.x support in API and bundled Solr 4.7.0 support for ezfind allows for use of new functionality provided by Solr 4.x such as improved performance for indexing and new options like soft commit to control this.

- eZ Find:
  - Documentation: [What is new in eZ Find LS 5.3.0?](#)
  - Implementation details: [Original pull request](#)
- Technology preview of Solr search in API
  - Documentation: [<Coming in Q3>](#)

## Ubuntu 14.04 support

As announced in a recent blog post "[5.3 to come with broader platform support and improved performance](#)", we have added support for Ubuntu 14.04 LTS, including full support for MySQL 5.6, MariaDB 5.5, Nginx 1.4, Apache 2.4 and PHP 5.5

- Documentation: [Requirements 5.3](#)

## Twig & Tpl Template debug in Symfony Web debug Toolbar

Developer feature known from legacy which allows you to see which templates are used on a page, how many times and how much time they spend being executed.

- Documentation: [Templates informations in Web Debug Toolbar](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Admin Interface: Comment moderation

Following the Comments integration [added in 5.2](#) we have in this release exposed this also in backend as a tab per content, allowing you to easily get access to Disqus moderation per content within backend of eZ Publish.

- Documentation: [Comments Tab](#)

## Language Switcher

The language switcher is built on the Symfony stack and is improved for a simpler usage.

- Documentation: [Language Switcher](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Location Search API

Tree based "fetches" are now allowed be performed with the new Location Search API, allowing generation of tree structures much more easily by returning the location instead of content, as done by existing Content Search API, and by applying any location filters on the specific location instead of *any* of the locations of a Content object.

- Documentation: [Working with Locations](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## REST API v2 improvements

HTTP Cache aware, CORS support and support for OPTIONS method.

- Documentation: [REST API v2](#)
- Implementation details: [Issue for HTTP Cache aware](#), [Issue for CORS support](#), [Issue for REST OPTIONS](#), [Pull request for HTTP Cache aware](#), [Pull request for CORS support](#), [Pull request for OPTIONS](#)

## Search API support for MapLocation Criterion and SortClause

Search API is now able to search for content with geolocation making it possible to do geolocation range searches and sorting by distance from a point; on Demo site this is shown using a [restaurants-close-to-you](#) page.

- Documentation: [2. Browsing, finding, viewing#2.Browsing,finding,viewing-Search](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Legacy extensions in bundles

With this new feature mixing legacy and "eZ Platform" needs has become a whole lot easier. Easily said it allows you to place legacy extensions within a Bundle structure and eZ Publish 5.3+ will make sure it is injected into legacy kernel.

Example use case: CommentsBundle with a light admin tab in legacy allowing you to moderate comments.

- Documentation: [Legacy code and features - Legacybundles](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Legacy Website Toolbar

Not to be mixed with the Web Debug Toolbar provided by Symfony and extended by eZ Publish, this feature is about allowing "ezwt" (Website Toolbar) extension to also work in DemoBundle to provide the front-end editing functionality that you know from 4.x.

- Documentation: [Display the eZ Website Toolbar](#)
- Implementation details: [Original JIRA Issue](#), [Original pull request](#)

## Demo Site: Places

Taking advantage of the MapLocation feature a new feature is exposed in the demo showing how to implement listing and map views of content using the maplocation field.

- Documentation: [The MapLocation FieldType](#)
- Implementation details: [Original issue](#), [Original pull request](#)

## Other Improvements

- Lazy services ([issue](#), [pull request](#), [symfony documentation](#))
- Configurable IndexPage ([issue](#), [pull request](#), [documentation](#))
- `ez_is_field_empty`, updated to support passing field object as second parameter.

## 5.3 Contributors

For 5.3 we want to reach out a special thank you to those that have contributed to this release, especially the brave few who have helped out on the "eZ Platform stack":

- [crevillo](#)
- [hhamon](#)
- [bchoquet-heliopsis](#)
- [beberlei](#)
- [is06](#)
- [stof](#)
- [kore](#)
- [Plopix](#)
- [taenadil](#)
- [iosolinf](#)
- [Djamy](#)
- [jeromegamez](#)
- [gabriperego](#)
- [nlescure](#)
- [peterkeung](#)
- [pborreli](#)
- [rolebi](#)

- [emodric](#)
- [dymissy](#)
- [henningp](#)

And our two students over this period which has helped on all aspects of Platform stack:

- [StephaneDiot](#)
- [idriss69](#)

In addition ezpublish-legacy is still receiving a lot of pull requests, the also brave contributions to this part of the release can be found [here](#).

## 5.3.0 Full Changelog

For the full 5.3 changelog please refer to the [5.3.0 Changelog](#) dedicated page.

## 5.3 Known issues

The complete list of know issues is available in the [5.3 Known issues](#) page.