

# eZ Platform 16.02 Release notes

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The 16.02 (v1.2.0) release of eZ Platform is available as of March 3rd, and includes all features and improvements of 15.12.1 from February 5th.

For the release notes of the corresponding eZ Studio release, see [eZ Studio 16.02 Release notes](#).

## Quick links

- [Installation instructions](#)
- [Requirements](#)
- [Download: See \[share.ez.no/downloads\]\(http://share.ez.no/downloads\)](#)

## Changes since 15.12.1

For list of issues fixed in 16.02 see [52 issues](#) , below is a list of notable bugs/features/enhancements done in the release.

### Online Editor

#### Image variation in RichText Fields

Added option to choose image variations for images embedded in Rich text Fields.

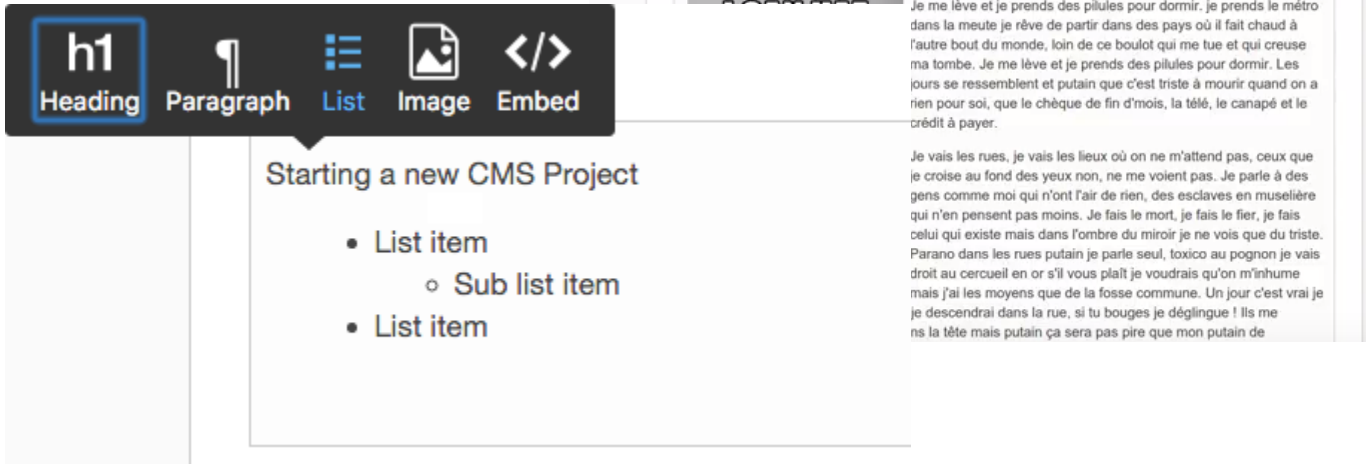


#### Image alignment

Both Images and Embed elements can be aligned left, right or center in the Online Editor.

## New List Element

Added an (unordered) List element in the Online Editor.



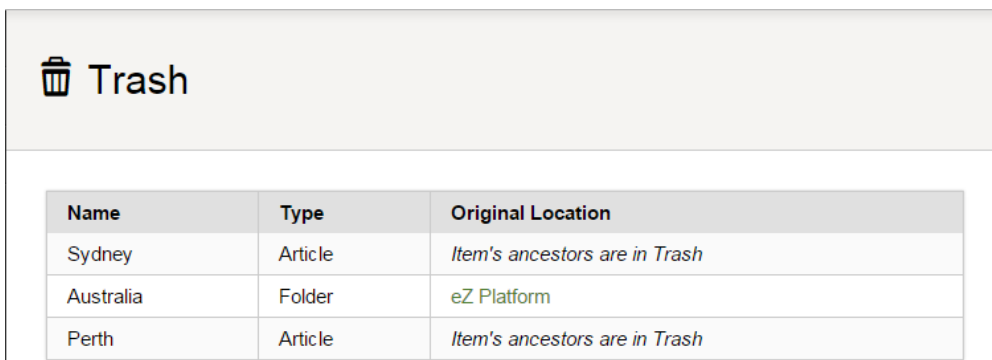
The screenshot shows the CMS Online Editor interface. A dark toolbar at the top contains icons for 'h1 Heading', 'Paragraph', 'List', 'Image', and 'Embed'. The 'List' icon is highlighted. Below the toolbar, the main content area displays the heading 'Starting a new CMS Project' followed by an unordered list with two items: 'List item' (with a sub-item 'Sub list item') and another 'List item'. On the right side, there is a 'Body' panel with a 'Focus' button and two buttons labeled '</> Media' and '</> Test article'. Below these buttons, there are two paragraphs of placeholder text in French.

## Permissions

Added role versioning to better handle editing of roles.

## Trash Management

Content items moved to Trash can be viewed and trash can be emptied.



The screenshot shows the 'Trash' management interface. At the top, there is a trash can icon and the word 'Trash'. Below this is a table with three columns: 'Name', 'Type', and 'Original Location'.

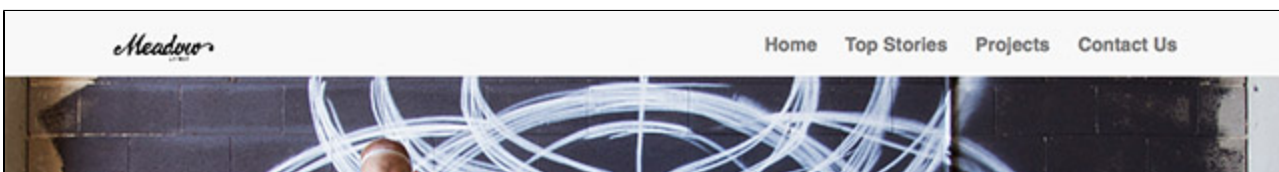
Name	Type	Original Location
Sydney	Article	<i>Item's ancestors are in Trash</i>
Australia	Folder	eZ Platform
Perth	Article	<i>Item's ancestors are in Trash</i>

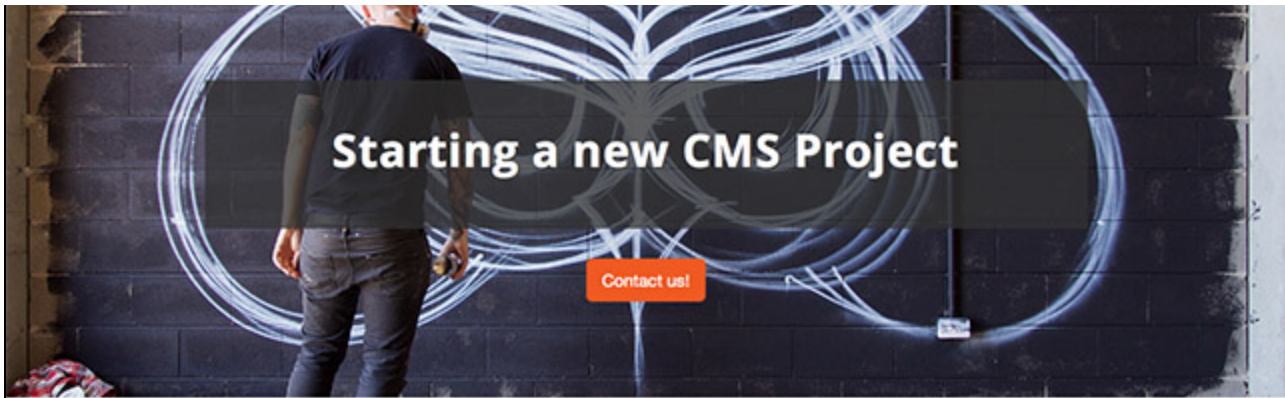
## Preview of upgrade support from eZ Publish Platform 5.4/2014.11

This release contains migrations tools for migrating XmlText to RichText, this is explained in the new [5.4.x/2014.11 upgrade documentation page](#).

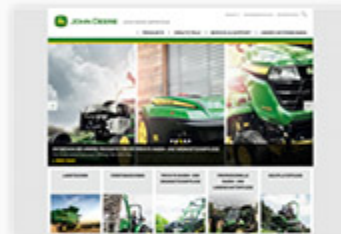
## eZ Platform Demo

eZ Platform now also comes in a [new demo version](#) that better showcases eZ Platform in use with a provided web site and corresponding content:





## Projects



[View all](#)

## Blog



### 5 things to consider when making a multi-language site with eZ Publish

73% of consumers prefer making purchases in their native language, and 56% say it's more important than price...



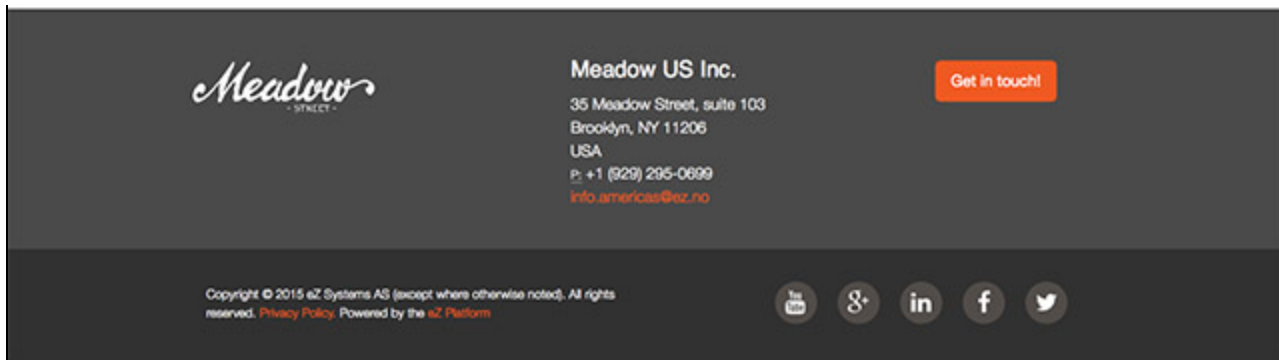
### eZ Platform and eZ Studio coming soon

Our next generation content management solutions, eZ Platform and eZ Studio, are shaping up nicely, and the eZ team is working very hard to finish the first release...



### Build a better performing site with continuous optimization

In answering RFPs and responding to customer inquiries, I find that customers are still latched onto the idea that building a website is just a project...



## Easier install & testing

As of 16.02, eZ Platform now supports being tested using the built in PHP internal server as exposed by Symfony's `server:run` command.

Assuming you have [composer installed globally](#), and your MySQL/MariaDB server already setup with a database, you can get eZ Platform demo up and running with just the following commands:

```
composer create-project --no-dev --keep-vcs ezsystems/ezplatform-demo
cd ezplatform-demo

php app/console ezplatform:install --env=prod demo
php app/console assetic:dump --env=prod web

php app/console server:run --env=prod
```

Note : the `--keep-vcs` option allows you to get the git history.

## And also

- Display Content Type name when browsing content in UI
- New `ez_field` Twig function to get full translated field, and not just value like existing `ez_field_value` does 🙌 contributed by @rihards
- Installers don't write configuration anymore, making eZ Platform and eZ Studio installation possible on cloud hosting platforms like platform.sh
- Product pages inside UI now works without warnings on https 🙌 contributed by @nmeirik
- System Info tab in Admin UI now displays correct version of eZ Platform, and there is also a new Packages tab for composer info

..and many other great improvements and fixes to this release that you can see in [JIRA: 52 issues](#)

## Known Issues

For known issues head over to our [known enablement issues page](#) that covers eZ Platform and eZ Studio.

However here are two issues that were uncovered very late in the release process since they were hidden by other bugs that we would like to make you especially aware of:

- 🚨 **EZP-25789** - Editors access to own user and read all user meta info for author field type **BACKLOG**
- 🚨 **EZP-25505** - UserHash is always generated for anonymous user **BACKLOG**

Both are currently being worked on and will be fixed in patch version in the next couple of weeks.

### Editor Roles

Be aware that for Editors to be able to successfully edit content, including content with author fields filled with other users, you'll at the

moment need to configure Editor Group via Roles to have access to read user content items using a policy like `content/read`  
`Class(User), Section(User)`

This implies they have full read access to other users data, so assign this with caution. We will improve this in an upcoming release, see [🔔 EZP-25789](#) - Editors access to own user and read all user meta info for author field type [BACKLOG](#) for further info.

## Upgrading a from 15.12 or 15.12.1 project

### Testing release candidates

If you are testing a release candidate, replace the tag `v1.2.0` with the [latest rc tag](#) (example: `v1.2.1-rc1`)

### New proposed upgrade process

This section reflects a proposed git based workflow for handling upgrades, feedback on how this works in practice and input on how to further improve/simplify it is welcome.

Existing 15.12.1 (1.1.0) projects can also easily be updated using Composer. From the project's root, create a new branch from the project's master, or from the branch you're upgrading on:

#### From your master branch

```
git checkout -b upgrade-1.2.0
```

If it's not there, add `ezsystems/ezplatform` as an upstream remote:

#### From the upgrade-1.2.0 branch

```
git remote add ezplatform http://github.com/ezsystems/ezplatform.git
```

Then pull the tag into your branch:

#### From the upgrade-1.2.0 branch

```
git pull ezplatform v1.2.0
```

You will get conflicts, and it is perfectly normal. The most common ones will be on `composer.json` and `composer.lock`. The latter can be ignored, as it will be regenerated when we execute `composer update` later. The easiest is to checkout the version from the tag, and add it to the changes:

If you get a **lot** of conflicts (on the `doc` folder for instance), and eZ Platform was installed from the [share.ez.no](#) tarball, it might be because of incomplete history. You will have to run `git fetch ezplatform --unshallow` to load the full history, and run the merge again.

#### From the upgrade-1.2.0 branch

```
git checkout --theirs composer.lock && git add composer.lock
```

You may also run `git remove composer.lock` if you do not keep a copy of it in the branch.

## Merging composer.json

### Manual merging

Conflicts in `composer.json` need to be fixed manually. If you're not familiar with the diff output, you may checkout the tag's version, and inspect the changes. It should be readable for most:

#### From the upgrade-1.2.0 branch

```
git checkout --theirs composer.json && git diff composer.json
```

You should see what was changed, as compared to your own version, in the diff output. The ezplatform update changes the requirements for all of the `ezsystems/` packages. Those changes should be left untouched. All of the other changes will be removals of what you added for your own project. Use `git checkout -p` to selectively cancel those changes:

```
git checkout -p composer.json
```

Answer `no` (do not discard) to the requirement changes of `ezsystems` dependencies. Answer `yes` (discard) to removals of your changes.

Once you are done, inspect the file, either using an editor or by running `git diff composer.json`. You may also test the file's sanity with `composer validate`, and test the dependencies by running `composer update --dry-run`. (will output what it would do to dependencies, without applying the changes.

Once finished, run `git add composer.json`.

### Fixing other conflicts (if any)

Depending on the local changes you have done, you may get other conflicts: configuration files, kernel...

There shouldn't be many, and you should be able to figure out which value is the right one for all of them:

- Edit the file, and identify the conflicting changes. If a setting you have modified has also been changed by us, you should be able to figure out which value is the right one.
- Run `git add conflicting-file` to add the changes

## Updating composer.lock

At this point, you should have a `composer.json` file with the correct requirements. Run `composer update` to update the dependencies.

```
composer update --with-dependencies ezsystems/ezpublish-kernel  
ezsystems/platform-ui-bundle ezsystems/behatbundle
```

In order to restrict the possibility of unforeseen updates of 3rd party packages, we recommend by default that `composer update` is restricted to the list of packages we have tested the update for. You may remove this restriction, but be aware that you might get a package combination we have not tested.

#### On PHP conflict

Because from this release onwards eZ Platform is compatible only with PHP 5.5 and higher, the update command above will fail if you use an older PHP version. Please update PHP to proceed.

## Database update

The 16.02 release requires an update to the database. Import `vendor/ezsystems/ezpublish-kernel/data/update/mysql/dbupdate-6.1.0-to-6.2.0.sql` into your database:

```
mysql -u<username> -p<password> <database_name> <
vendor/ezsystems/ezpublish-kernel/data/update/mysql/dbupdate-6.1.0-to-6.2.0.sql
```

## Dump assets

The web assets must be dumped again for the prod environment:

```
php app/console assetic:dump --env=prod web
```

## Commit, test and merge

Once all the conflicts have been resolved, and `composer.lock` updated, the merge can be committed. Note that you may or may not keep `composer.lock`, depending on your version management workflow. If you do not wish to keep it, run `git reset HEAD <file>` to remove it from the changes. Run `git commit`, and adapt the message if necessary. You can now test the project, run integration tests... once the upgrade has been approved, go back to `master`, and merge the `upgrade-1.2.0` branch:

```
git checkout master
git merge upgrade-1.2.0
```

### Double check the following before you test:

You should now have a new route in `app/config/routing.yml`:

```
_ezplatformRepositoryFormsRoutes:
resource: "@EzSystemsRepositoryFormsBundle/Resources/config/routing.yml"
```