



# Joomla! future

What's coming after v3.3?



# About me

- PLT member
- CMS contributor
- JBS & JSST member
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# What is the future of Joomla?

“I don't know where am I going  
but I promise it won't be boring”

David Bowie

**We create the future!**

# Then what is this session about?

1. Long term roadmap
2. What do we expect for 3.4
3. Side projects
4. Joomla! Framework

# Long term goal: light extendable core

Joomla! CMS v3.3 - 31,4MB

With ACL + multilanguage :-P

VS

WordPress v3.9.1 - 17,4MB



# Light core

- Libraries
- Content
- Categories
- Users management
- ACL
- Multilanguage
- Modules
- Templates

# Core-supported

- Weblinks
- Finder
- Contacts
- Messages
- Newsfeeds
- Redirects
- Search
- Banners

# Light core challenges

- 100% backwards compatible
- Move core translations into extensions
- Improve connectivity / event system
- Improve dependencies management
- Core-supported extensions management

# Light core benefits

- Faster to install & manage
- Easier to maintain
- Custom distributions (blog, e-commerce..)
- Distribution ratings, favorites..
- Power for 3rd part extensions
- Natural core extensions evolution



# Joomla! CMS 3.4

- First version under the new release cycle
- ~~LTS~~
- Improved microdata (schema.org)
- Frontend module editing
- Composer integration
- Decouple com\_weblinks

# Joomla! CMS 3.4 timeline

- May 28th, 2014 - No more feature proposals
- June 11th, 2014 - Final date for merging features
- June 16th, 2014 - Beta Period begins
- July 7th, 2014 - Release Candidate
- July 15th, 2014 - Stable Release

Have we ever shipped on time?

**NO**

# The Roadmap - 2014

## v3.4 - July, 15th

- Remove com\_weblink and associated modules, plugins.
- Establish procedures for removal.
- Create core extension directory and install processes.
- Add special core extensions category to JED, redirect on post-install.
- No removal of existing extensions on upgrade.
- Affects new installs only.

# The Roadmap - 2014

## v3.5 - September, 15th

- Decouple core-extensions components and all associated pieces.
- Remove sample data from installation; place in post install.

## v3.6 - November, 15th

- Improve Joomla translation and multi-language support.

# The Roadmap - 2015

## v3.7 - February, 15th

- Move bootstrap to a compatibility layer.

## v3.8 - April, 15th

- Improve Search Engine Optimization and SEF URL's.
- Explore new routing options which can improve SEF while still maintaining backwards compatibility.

# The Roadmap - 2015

## v3.9 - June, 15th

- Improve media manager.
- Continue increasing both security and functionality of the media manager.
- Explore adding additional media types and embedding options.

## v3.10 - August, 15th

- Create new administrator template to replace the two current administrator templates.

# com\_localise

- Custom translation tool
- Decoupling extensions requirement
- Also for 3rd part extensions



# com\_localise

System Users Menus Content Components Extensions Help JCMS 3.x

Localisation Manager: Languages Joomla!

New Help Options

Languages Translations Packages

Filter: - Select client - Select language

Search Language name Ascending 20


| Language name                           | Client        | Default | Files | Version | Date              | Author                                 |
|---|---------------|---------|-------|---------|-------------------|--|
| [af-ZA] Afrikaans (South Africa)        | Installation  |         |       | 3.2.0   | 09 February 2013  | Joomla4Africa Project                  |
| [ar-AA] Arabic Unitag (العربية الموحدة) | Installation  |         |       | 3.2.0   | 01 September 2012 | Joomla! Arabic Unitag Translation team |
| [be-BY] Belarusian (Беларуская)         | Installation  |         |       | 3.2.0   | 01 January 2013   | Dennis Hematski                        |
| [bg-BG] Bulgarian (Български)           | Installation  |         |       | 3.2.0   | 01 August 2011    | Yuriy Boev                             |
| [bs-BA] Bosanski (Bosnia)               | Installation  |         |       | 3.2.2   | 01 September 2012 | Bosnian Translation Team               |
| [ca-ES] Catalan (ES)                    | Installation  |         |       | 3.2.0   | 16 December 2011  | Catalan Translation Team               |
| [ckb-IQ] Kurdish Sorani (کوردی)         | Installation  |         |       | 3.2.0   | 01 January 2011   | Kurdish Sorani Translation team        |
| [cs-CZ] Czech (Čeština)                 | Installation  |         |       | 3.2.0   | 01 January 2013   | Czech Translation Team                 |
| [cy-GB] Welsh (United Kingdom)          | Installation  |         |       | 3.3.0.1 | 07 May 2014       | Joomla! Project                        |
| [da-DK] Danish (DK)                     | Installation  |         |       | 3.2.0   | 15 September 2012 | Danish Translation project             |
| [de-DE] German (DE-CH-AT)               | Installation  |         |       | 3.2.0   | 01 September 2012 | J!German                               |
| [el-GR] Greek (Ελληνικά)                | Installation  |         |       | 3.2.0   | 13 June 2013      | Greek translation team : joomla.gr     |
| [en-AU] English (Australia)             | Installation  |         |       | 3.2.0   | 01 September 2012 | Joomla! Project                        |
| [en-CA] English (Canada)                | Installation  |         |       | 3.2.0   | 12 April 2014     | Martin Lamothe                         |
| [en-GB] English (United Kingdom)        | Installation  |         |       | 3.2.0   | 01 September 2012 | Joomla! Project                        |
| [en-GB] English (United Kingdom)        | Site          | ★       |       | 3.3.0   | 07 March 2013     | Joomla! Project                        |
| [en-GB] English (United Kingdom)        | Administrator | ★       |       | 3.3.0   | 07 March 2013     | Joomla! Project                        |
| [en-US] English (United States)         | Installation  |         |       | 3.2.0   | 01 September 2012 | US Translation Team                    |
| [es-ES] Spanish (Español)               | Installation  |         |       | 3.2.0   | 05 January 2011   | Spanish Translation Team               |

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# com\_localise

System ▾ Users ▾ Menus ▾ Content ▾ Components ▾ Extensions ▾ Help ▾ JCMS 3.x ↗ ⚙

Localisation Manager: Translations Joomla! 

Help ⚙ Options ⚙

Languages  
**Translations**  
Packages

Search

Translation name ▾ Ascending ▾ 20 ▾

[Icons legend](#)

**Filter:**

- Select Storage ▾





























































- Select Origin ▾

- Select State ▾

- Select Type ▾

- Select client ▾

- Select language ▾

| #  | Information   | Tag   | Translation name ↑   | Path   | Translated  | Phrases | Author          |
|----|---|-------|--|--|---|---------|-----------------|
| 1  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_admin          | /administrator/language/en-GB/en-GB.com_admin.ini          |    | 174     | Joomla! Project |
| 2  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_admin.sys      | /administrator/language/en-GB/en-GB.com_admin.sys.ini      |    | 2       | Joomla! Project |
| 3  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_ajax           | /administrator/language/en-GB/en-GB.com_ajax.ini           |    | 2       | Joomla! Project |
| 4  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_ajax           | /language/en-GB/en-GB.com_ajax.ini                         |    | 2       | Joomla! Project |
| 5  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_ajax.sys       | /administrator/language/en-GB/en-GB.com_ajax.sys.ini       |    | 2       | Joomla! Project |
| 6  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_banners        | /administrator/language/en-GB/en-GB.com_banners.ini        |    | 215     | Joomla! Project |
| 7  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_banners.sys    | /administrator/language/en-GB/en-GB.com_banners.sys.ini    |    | 8       | Joomla! Project |
| 8  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_cache          | /administrator/language/en-GB/en-GB.com_cache.ini          |    | 20      | Joomla! Project |
| 9  |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_cache.sys      | /administrator/language/en-GB/en-GB.com_cache.sys.ini      |    | 2       | Joomla! Project |
| 10 |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_categories     | /administrator/language/en-GB/en-GB.com_categories.ini     |    | 68      | Joomla! Project |
| 11 |             | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_categories.sys | /administrator/language/en-GB/en-GB.com_categories.sys.ini |    | 2       | Joomla! Project |
| 12 |     | en-GB | <input type="checkbox"/> <input type="checkbox"/> com_checkin        | /administrator/language/en-GB/en-GB.com_checkin.ini        |  | 12      | Joomla! Project |

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# com\_localise

System Users Menus Content Components Extensions Help JCMS 3.x











Localisation Manager: Edit translation (en-GB.com\_banners.ini) Joomla!

[Save](#) [Save & Close](#) [Cancel](#) [Help](#)

[Details](#) [Strings](#) [Permissions](#)

[Legend](#)

[Translate All](#) [Reset All](#)

|  |  |
|--|--|
| <b>COM_BANNERS</b><br>Banners  |  Banners                              |
| <b>COM_BANNERS_BANNER_DETAILS</b><br>Details   |  Details                              |
| <b>COM_BANNERS_BANNER_SAVE_SUCCESS</b><br>Banner successfully saved                      |  Banner successfully saved            |
| <b>COM_BANNERS_BANNERS_HTML_PIN_BANNER</b><br>Pinned banner                              |  Pinned banner                        |
| <b>COM_BANNERS_BANNERS_HTML_UNPIN_BANNER</b><br>Unpinned banner                          |  Unpinned banner                      |
| <b>COM_BANNERS_BANNERS_N_ITEMS_ARCHIVED</b><br>%d banners successfully archived          |  %d banners successfully archived     |
| <b>COM_BANNERS_BANNERS_N_ITEMS_ARCHIVED_1</b><br>%d banner successfully archived         |  %d banner successfully archived      |
| <b>COM_BANNERS_BANNERS_N_ITEMS_CHECKED_IN_0</b><br>No banner successfully checked in     |  No banner successfully checked in    |
| <b>COM_BANNERS_BANNERS_N_ITEMS_CHECKED_IN_1</b><br>%d banner successfully checked in     |  %d banner successfully checked in    |
| <b>COM_BANNERS_BANNERS_N_ITEMS_CHECKED_IN_MORE</b><br>%d banners successfully checked in |  %d banners successfully checked in |

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# Frontend working group

- Provide solutions for frontend problems
- Document best practices
- Coding standards / tools
- Integrate tools / frameworks in core
- Improve Joomla! markup
- Accessibility

# JLayout improvements

## Joomla! Debug Console

Session

Profile Information

Memory Usage

Database Queries

Layouts

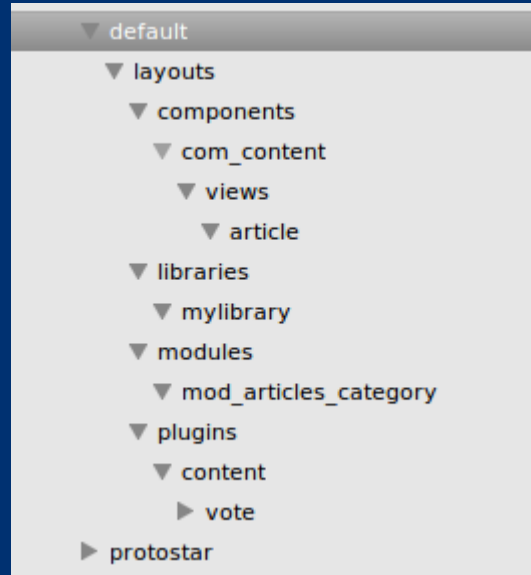
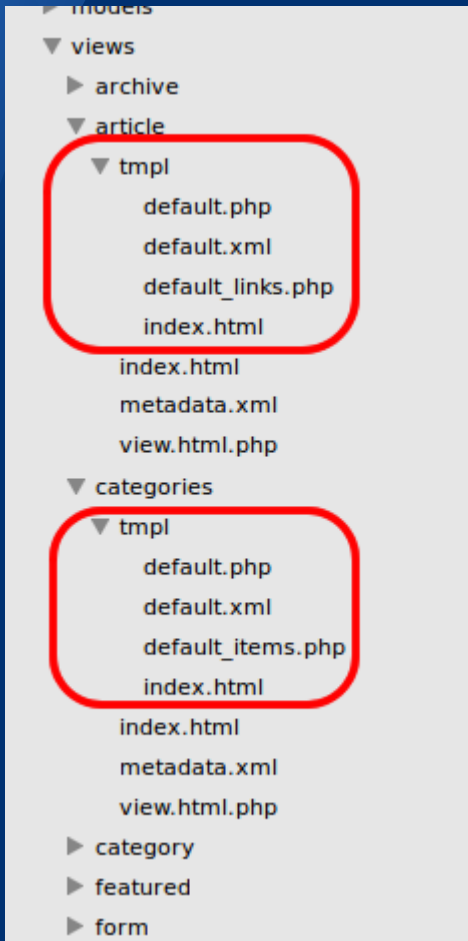
**File searches:** 171 | **Skipped:** 12 | **Cached:** 129

**File searching time:** 0.382170

**Rendering time:** 0.310897

| Layout (30)  | Times rendered | Rendering time |
|--|----------------|----------------|
| /home/roberto/www/jcms3x/layouts/joomla/toolbar/title.php    | 1              | 0.000107       |
| /home/roberto/www/jcms3x/layouts/joomla/toolbar/versions.php | 1              | 0.000301       |
| /home/roberto/www/jcms3x/layouts/joomla/edit/title_alias.php | 1              | 0.007292       |
| /home/roberto/www/jcms3x/layouts/joomla/form/field/label.php | 72             | 0.032160       |

# Move views to template



# Components

## Component layouts

Components will integrate the support for new views based on layouts. That will allow us to render views wherever we need them (HMVC).

Main layouts/views folder will be:

```
templates/default/layouts/components/com_name
```

Views will be inside:

```
templates/default/layouts/components/com_name/views/viewname/default.php
```

Overrides will be inside:

```
templates/mytemplate/layouts/components/com_name
```

# Libraries

## Libraries layouts

Layouts will be inside:

```
templates/default/layouts/libraries/name
```

Overrides will be inside:

```
templates/mytemplate/layouts/libraries/name
```

# Modules

## Modules layouts

Layouts will be inside:

```
templates/default/layouts/modules/name
```

Overrides will be inside:

```
templates/mytemplate/layouts/modules/name
```



# Plugins

## Plugins layouts

Layouts will be inside:

```
templates/default/layouts/plugins/type/name
```

Overrides will be inside:

```
templates/mytemplate/layouts/plugins/type/name
```

# Jissues

- Kill JoomlaCode and then burn it
- ACL + management layer over Github
- First application using Joomla! Framework
- Twig
- Composer
- Namespaces
- Playground for new features
- Scalable

# Joomla! Issue Tracker - CMS

Download Joomla

Demo Joomla

Tracker Projects Users /etc

Login with GitHub



Open Closed Search tools

Feeling Lucky

Filter the list by ID, summary, or description. [Search] [Trash] [- status -] [- priority -] Newest

| ID   | Summary  | Priority | Status |
|------|--|----------|--------|
| 3636 | <a href="#">[#33769] com_menus doesn't respect component permissions</a> <b>Has JoomlaCode Tracker Item</b> <b>PR-staging</b><br>GitHub ID 3636 • Foreign ID 33769 • Opened 2014-05-23 • Modified 2014-05-23 | 3        | open   |
| 3635 | <a href="#">JLayout and Event cleanup of categories views</a> <b>Needs JoomlaCode Tracker Item</b> <b>PR-staging</b><br>GitHub ID 3635 • Opened 2014-05-23 • Modified 2014-05-23                             | 3        | open   |
| 3634 | <a href="#">Update cacert.pem to latest version</a> <b>Needs JoomlaCode Tracker Item</b> <b>PR-staging</b><br>GitHub ID 3634 • Opened 2014-05-23 • Modified 2014-05-23                                       | 3        | open   |
| 3633 | <a href="#">*Multilanguage: Finder suggestions do not care about current language</a> <b>Needs JoomlaCode Tracker Item</b> <b>PR-staging</b><br>GitHub ID 3633 • Opened 2014-05-23 • Modified 2014-05-23     | 3        | open   |
| 3632 | <a href="#">Notice prevents update check when error reporting is on</a> <b>Needs JoomlaCode Tracker Item</b> <b>PR-staging</b><br>GitHub ID 3632 • Opened 2014-05-22 • Modified 2014-05-23                   | 3        | open   |

# Joomla! Framework

- Evolution of Joomla! Platform
- Namespaces
- LGPL
- Composer
- Can be used independently of the CMS



# joomla-framework

Filters ▾

Find a repository...

## string

Joomla Framework String Package

Updated 7 hours ago

PHP ★ 1 📄 2

## application

Joomla Framework Application Package

Updated 7 hours ago

PHP ★ 1 📄 8

## view

Joomla Framework View Package

PHP ★ 2 📄 3

## Members

3 >



**dbhurley**

David Hurley



**dongilbert**

Don Gilbert



**mbabker**

Michael Babker

- ▶ images
- ▶ includes
- ▶ installation
- ▶ language
- ▶ layouts
- ▼ libraries
  - ▶ cms
  - ▶ compat
  - ▶ fof
  - ▼ framework
    - ▼ Joomla
      - ▶ Application
      - ▶ DI
      - ▶ Registry
    - ▼ Symfony
      - ▼ Component
        - ▶ Yaml
  - ▶ idna\_convert
  - ▶ joomla
  - ▶ legacy
  - ▶ phpass
  - ▶ phpmailer
  - ▶ phputf8
  - ▶ simplepie
  - classmap.php
  - cms.php
  - import.legacy.php
  - import.php
  - index.html
  - loader.php
  - platform.php
- ▶ logs
- ▶ media



**CMS specific libraries**



**Framework libraries**



**Old Platform**

Questions?



Merci beacup  
per le votre  
attention