Custom fields in Joomla 3.7 for the end user

Allon Moritz

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About Me

Allon Moritz

@digitpeak / @laoneo

Founder Digital Peak GmbH

Doing Joomla extensions since 2007

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Agenda

- Information
- Concept
- Article Manager integration
- Users and contacts
- Layouts
- Avatar field example
- Hidden features
- Final notes
- Questions

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Information

- DPFields is the base of com_fields
  https://joomla.digital-peak.com/products/dpfields
- Com_fields development repository (CLOSED)
  https://github.com/joomla-projects/custom-fields
- Final version can be found in PR 11833 in the 3.7 branch

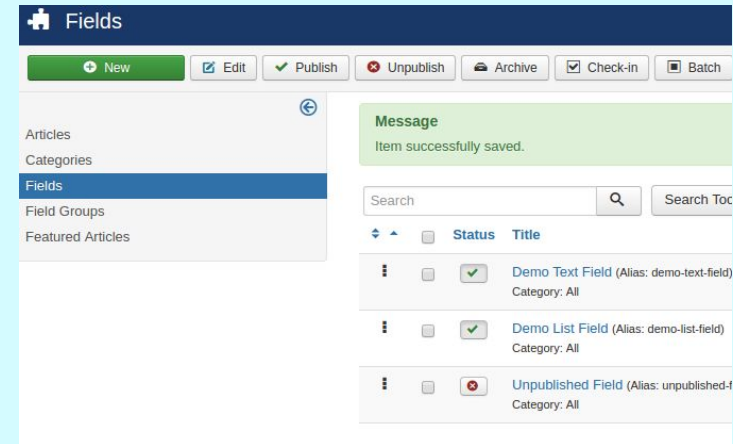**DIGITALPEAK**

Concept

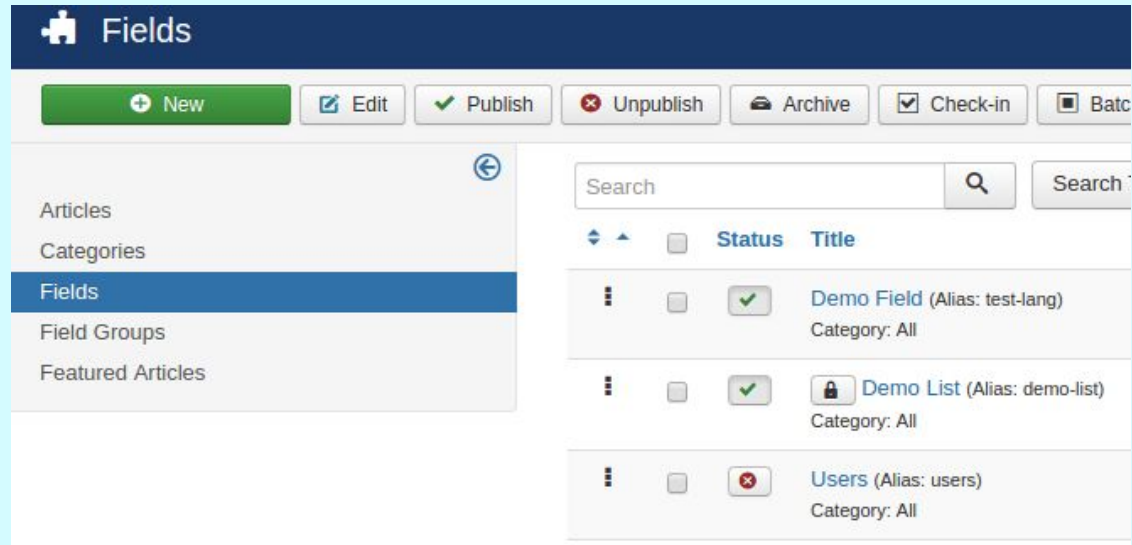It's not a CCK

Concept

It's not a standalone component

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Concept

It

- is a component and a system plugin
- integrates in the background trough Joomla events
- integrates into the existing form
- uses existing form fields like media, text or sql
- is MVC coded
- works like Categories
- uses JLayouts to generate HTML output

Article Manager Integration

New "Fields" and "Field Groups" items on sidebar

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Article Manager Integration

Creating a new field

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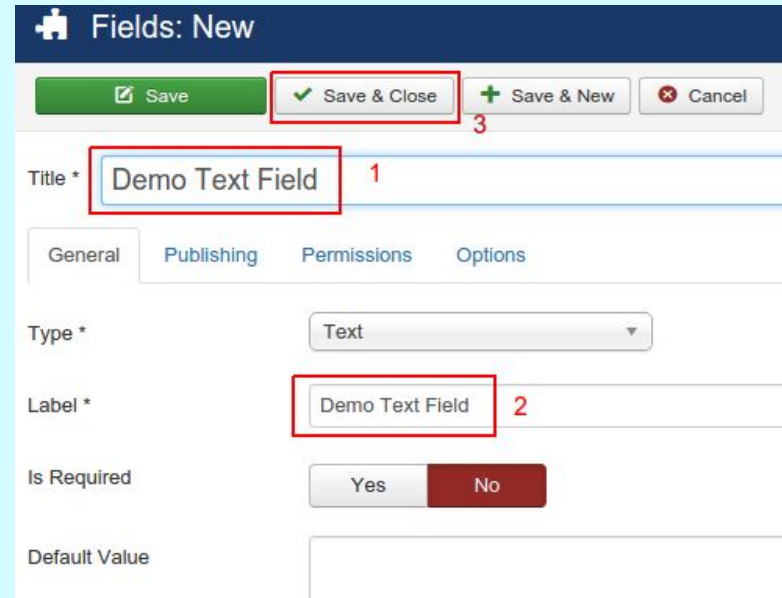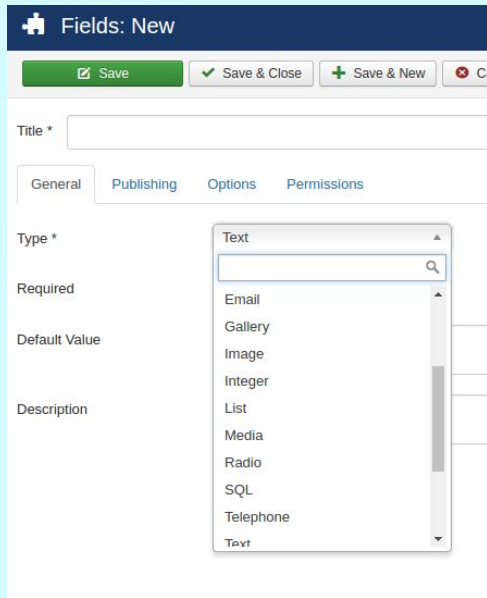
Article Manager Integration

Edit an article, fill the fields

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Article Manager Integration

Front end view

Demo

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Users and contacts

- Fields can be added for users, editable on the front
- Fields can be added for contacts shown on the front
- New option to show the user fields in the contact detail page
- Contact form can show custom fields which will be sent with the E-Mail

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Layouts

Layouts are used to prepare the value of the field.

Layouts are used to render the list of fields and the single field.

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Layouts

Rendering: Prepare the value

The value of a field is prepared through the following steps

| Component layout | → empty → | com_fields layout | → empty → | Component base layout | → empty → | com_fields base layout |

html/layouts/com_fields/field/prepare/foo.php

html/layouts/com_fields/field/prepare/base.php

html/layouts/com_foo/field/prepare/foo.php

html/layouts/com_foo/field/prepare/base.php

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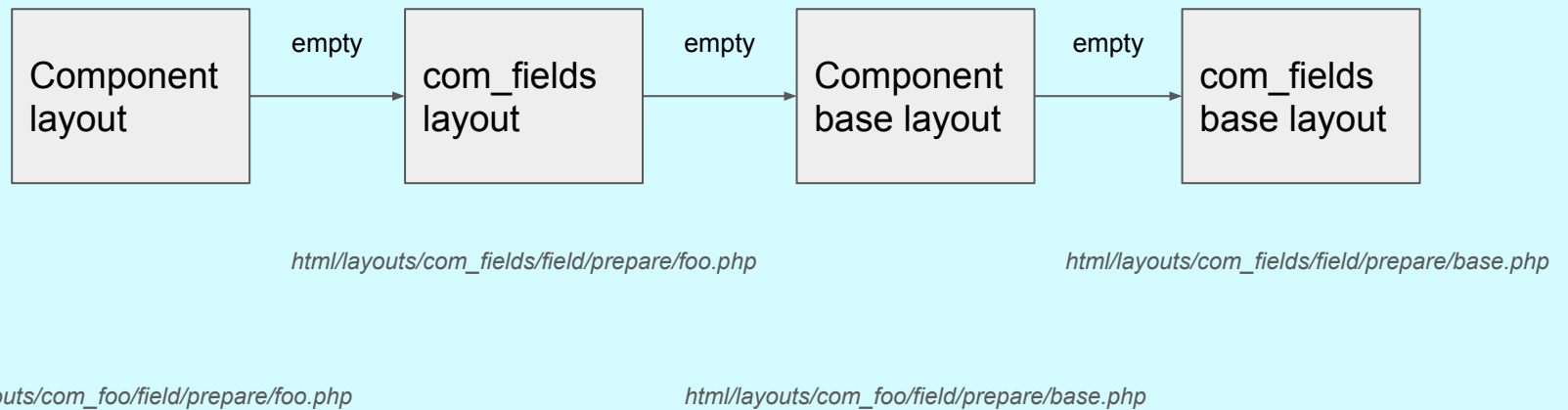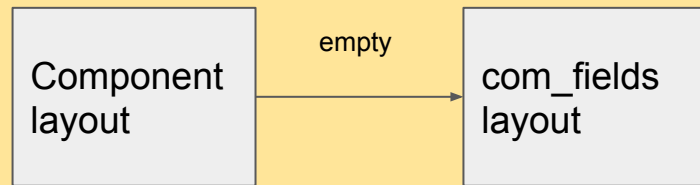
Layouts

Rendering: Prepare the output

The output of com_fields for the display events is prepared through a couple of steps

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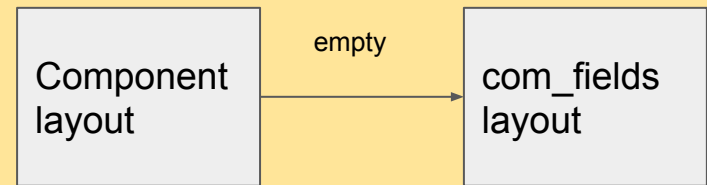
Avatar Field

- Change permission for the user group to allow upload
- Create a media field for users, set "Home Directory" to **Yes**
- Create a "User -> Profile" menu item
- In combination with contacts you can build a basic user list site

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Hidden features

- Every field has some common options like hint, where to display, etc.
- Every field has an access level, who can see it
- Permissions settings are per field, new edit value field permission
- Fields are only shown of the language from the item it belongs to

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Final notes

THANKS TO ALL TESTERS!!!

Photos are taken from https://unsplash.com

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Questions?

Slides on https:/joomla-digital-peak.com/jd16de

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Thank you and enjoy the day :-)

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