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# djangocms-page-meta Documentation

*Release 1.4.5.dev1*

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CHAPTER  
ONE

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## DJANGOCMS-PAGE-META

Meta tag information for django CMS 3 pages

Python: 3.9, 3.10, 3.11

Django: 3.2, 4.1, 4.2

django CMS: 3.9, 3.11

### 1.1 Quickstart

1. A working django CMS environment is required for djangocms-page-meta to work. Refer to [django CMS documentation](#) for how to install and configure django CMS.
2. Install djangocms-page-meta:

```
$ pip install djangocms-page-meta
```

or from the repository:

```
pip install -e git+https://github.com/nephila/djangocms-page-meta#egg=djangocms-
→page-meta
```

3. Then add it to INSTALLED\_APPS along with its dependencies:

```
"filer",
"meta",
"easy_thumbnails",
"djangocms_page_meta",
```

4. Migrate the database:

```
$ python manage.py migrate
```

5. Configuration:

See [usage](#) and [configuration](#) section in the documentation.

6. That's all!

---

**Note:** Enabling this will **hide** django CMS own **Meta description** field to keep all the meta information in the same part of the interface. If the django CMS field is set, it will still be shown (and used by djangocms-page-meta).

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## 1.2 django-app-enabler support

django-app-enabler is supported.

You can either

- Installation & configuration: `python -mapp_enabler install djangocms-page-meta`
- Autoconfiguration: `python -mapp_enabler enable djangocms_page_meta`

Fully using this package will require some template changes that cannot be modified by django-app-enabler:

- Load template tag in the page like outlined in [usage](#) page;
- Run migrations: `python manage.py migrate`

Check [usage](#) documentation for details.

### 1.2.1 Dependencies

- [django-filer](#)
- [django-meta](#)

## 1.3 Documentation

For package documentation see <https://djangocms-page-meta.readthedocs.io/>.

## CONFIGURATION

### 2.1 Settings

#### 2.1.1 PAGE\_META\_DESCRIPTION\_LENGTH

Set the max length of the HTML meta description field. Default is 320.

#### 2.1.2 PAGE\_META\_TWITTER\_DESCRIPTION\_LENGTH

Set the max length of the Twitter card description field. Default is 280.

#### 2.1.3 PAGE\_META\_ROBOTS\_CHOICES

Set all the available choices for robots meta tag. Default is:

```
(  
    ("none", _("None [noindex,nofollow]")),  
    ("noindex", _("No Index")),  
    ("nofollow", _("No Follow")),  
    ("noimageindex", _("No Image Index")),  
    ("nosnippet", _("No Snippet")),  
    ("noarchive", _("No Archive")),  
    ("notranslate", _("No Translate")),  
    ("nositelinkssearchbox", _("No Site Links Search Box")),  
)
```

### 2.2 django-meta configuration

djangocms-page-meta needs a working [django-meta](#) configuration, especially the `template setup` section.

Please check [django-meta](#) configuration for complete settings details.



## 3.1 Assigning meta information to pages / titles

Meta information can be assigned from the admin interface or the toolbar.

In the toolbar you will find a **Meta-information** submenu in the Page menu, with three or more sub-items:

- Default meta image: it allows to add a default meta image, that will be used in all pages if no specific page image is set.
- Common: it allows to edit page-wide (language independent) meta information;
- One entry per active language to edit language dependent information.

## 3.2 Rendering meta information

To render provided meta information you must add these lines in the main template:

```
{% load page_meta_tags %}  
{% page_meta request.current_page as page_meta %}  
  
[...]  
<!-- This must be in the head -->  
{% include 'djangocms_page_meta/meta.html' with meta=page_meta %}
```

When using microdata from [Schema.org]([https://schema.org/docs/gs.html#microdata\\_how](https://schema.org/docs/gs.html#microdata_how)), you must add the type attribute to the body or html tag:

```
{% autoescape off %}  
<html {% schemaorg_html_scope page_meta.schemaorg_type %}>  
{% endautoescape %}
```

or:

```
{% autoescape off %}  
<body {% schemaorg_html_scope page_meta.schemaorg_type %}>  
{% endautoescape %}
```

Don't forget to load `meta` in your template!

```
{% load cms_tags menu_tags sekizai_tags page_meta_tags meta %}
```

## 3.3 Supported attributes

djangocms-page-meta currently offers partial support for [OpenGraph](#), [Twitter Cards](#), [Schema.org microdata](#) and robots meta tag. As a generic application djangocms-page-meta cannot cover every use case while still being useful to most people.

### 3.3.1 Generic HTML

- description: HTML meta description of the page
- keywords: HTML meta keywords

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**Note:** Enabling this will **hide** django CMS own **Meta description** field to keep all the meta information in the same part of the interface. If the django CMS field is set, it will still be shown (and used by djangocms-page-meta).

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### 3.3.2 OpenGraph

The following properties are supported:

- og:title
- og:url
- og:description
- og:image
- og:type
- og:site\_name
- og:locale
- article:author:url
- article:author:first\_name
- article:author:last\_name
- article:published\_time
- article:modified\_time
- article:expiration\_time
- article:publisher
- article:tag
- fb:app\_id
- fb:profile\_id
- fb:pages

See [Facebook OpenGraph documentation](#) for more information about each property.

### 3.3.3 Twitter Cards

The following properties are supported:

- twitter:domain
- twitter:card
- twitter:title
- twitter:url
- twitter:description
- twitter:image
- twitter:creator
- twitter:site\_name

See [Twitter documentation](#) for more information about each property.

### 3.3.4 Schema.org microdata

Support for [Schema.org](#) microdata is very basic, and limited to the `<html>` & `<body>` tags. You might need to further customize the markup according to you specific content.

As of now support is limited to the the following data:

- rel=author, via link `rel="author"` in the `<head>`
- name
- image
- datePublished
- dateModified
- url
- description
- image
- type (i.e. itemscope), appended to `<html>` or `<body>` tag

Currently all the accepted values for `type` are provided as valid choices; not all of them are actually sensible values for CMS pages and `djangocms-page-meta` offers limited support for the attributes required by some accepted types.

Article or Blog type should be sensible for most use cases.

## 3.4 Generic meta

If different metas are needed, a generic model exists that allows to add custom metas.

Both `PageMeta` and `TitleMeta` provides an inline model that allows to define custom metas; model provides three fields:

- attribute: meta attribute
- name: name of the meta
- value: value of the meta

Each inline will be rendered as:

```
<meta {{ attribute }}="{{ name }}" content="{{ value }}" />
```

## 3.5 Templatetags

### 3.5.1 page\_meta

page\_meta templatetags extract information from the given page to a context variable that can be passed to the included template for rendering.

#### Arguments:

- `page`: a page instance (tipically current page);
- `varname`: the name of the context variable to save data to.

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CHAPTER  
FOUR

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## DJANGOCMS\_PAGE\_META.UTILS

**Warning:** While functions in this module can be used in code to work with the data, they are by no means to be considered as a stable API, so they may change in future release.

`djangocms_page_meta.utils.get_cache_key(page, language)`

Create the cache key for the current page and language

`djangocms_page_meta.utils.get_page_meta(page, language)`

Retrieves all the meta information for the page in the given language

**Parameters**

- **page** – a Page instance
- **lang** – a language code

**Returns**

Meta instance

**Type**

object



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**CHAPTER****FIVE**

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**CONTRIBUTING**

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

Please read the instructions [here](#) to start contributing to *djangocms-page-meta*.



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**CREDITS**

## 6.1 Development Lead

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## 6.2 Contributors

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- Peter Wischer
- Ryan Stalbow
- Sergei Maertens
- Tadas Dailyda
- Vadim Sikora
- Venelin Stoykov

- Vladimir Kuvandjiev
- Zan Anderle

## HISTORY

### 7.1 1.4.4 (2024-01-16)

#### 7.1.1 Features

- Switch to Coveralls Github action (#189)

#### 7.1.2 Bugfixes

- Pin Django CMS version < 4 (#197)

### 7.2 1.4.3 (2023-09-27)

#### 7.2.1 Bugfixes

- Set default\_auto\_field in AppConfig to avoid migrations problem if DEFAULT\_AUTO\_FIELD is different (#181)

### 7.3 1.4.2 (2023-09-26)

#### 7.3.1 Bugfixes

- Bump django-meta version, fix settings accordingly (#178)

### 7.4 1.4.1 (2023-09-20)

#### 7.4.1 Features

- Migrate to bump-my-version, fix python/django/djangocms versions in README (#176)

## 7.4.2 Bugfixes

- Update filer dependency to avoid migration error from 155.feature (#173)

## 7.5 1.4.0 (2023-08-31)

### 7.5.1 Features

- Add DefaultMetaImage model to handle default meta image (#155)

## 7.6 1.3.0 (2023-08-07)

### 7.6.1 Features

- Add meta robots (#116)

## 7.7 1.2.0 (2023-05-08)

### 7.7.1 Features

- Update GH actions / linting configuration (#157)
- Add support for Django 4.2 / django CMS 3.11

## 7.8 1.1.0 (2022-08-27)

### 7.8.1 Bugfixes

- Skip creating toolbar item in page types (#150)
- Add support for Django 3.2 / django CMS 3.10 (#151)

## 7.9 1.0.1 (2020-12-21)

### 7.9.1 Features

- Add configuration for django-app-enabler (#141)

## 7.10 1.0.0 (2020-11-18)

### 7.10.1 Features

- Update tooling and drop Python 2 / Django < 2.2 compatibility (#135)
- Add support for django CMS 3.8 / Django 3.1
- Add support for django-meta 2.0

### 7.10.2 Bugfixes

- Fix setup.cfg and pyproject.toml package name (#138)

## 7.11 0.10.0 (2019-12-27)

- Move from djangocms-helper to django-app-helper
- Improve toolbar performance

## 7.12 0.9.0 (2019-08-22)

- Add support for django CMS 3.7 / Django 2.2
- Remove support for Django < 1.11 / Python 3.4

## 7.13 0.8.5 (2019-03-22)

- Fix error in migration missing on\_delete argument

## 7.14 0.8.4 (2019-03-11)

- Add Django 2.0 and Django 2.1 compatibility
- Add django CMS 3.6 compatibility
- Fixes a crash on creating new pagetype with djangocms 3.5.2

## 7.15 0.8.3 (2018-04-07)

- Remove description when creating a CMS page
- Provide page dates meta if PageMeta does not exists
- Improve compatibility with Django 3.5

## 7.16 0.8.2 (2018-02-22)

- Change method of patching PageAdmin for better compatibility with other addons

## 7.17 0.8.1 (2018-02-17)

- Fix duplicate GenericMetaAttribute on publish
- Fix error on Divio cloud when description fields length is not set

## 7.18 0.8.0 (2018-01-14)

- Add Django 1.11 support
- Add django CMS 3.5 support
- Drop django CMS 3.2, 3.3
- Add support for filer canonical URL
- Do not fail if request is not in context
- Make HTML and twitter description fields length configurable

## 7.19 0.7.0 (2016-12-04)

- Drop Django 1.7 and below
- Drop django CMS 3.1 and below
- Add Django 1.10 support

## 7.20 0.6.3 (2016-10-22)

- Added support for django CMS 3.4

## 7.21 0.6.2 (2016-08-01)

- Conditionally show page description field if not empty

## 7.22 0.6.1 (2016-06-20)

- Drop unique index on generic meta attributes

## 7.23 0.6 (2016-06-05)

- Let settings be used as defaults
- Added support for fb\_pages attribute
- Added support for generic meta attributes

## 7.24 0.5.11 (2016-03-17)

- Make object type not required

## 7.25 0.5.10 (2016-03-03)

- Fix handling Google+ author URL

## 7.26 0.5.9 (2016-02-25)

- Fix issue with Django 1.9

## 7.27 0.5.8 (2016-02-23)

- Improve Aldryn support
- Catch AttributeError in get\_page\_meta

## 7.28 0.5.7 (2016-01-09)

- Fix handling of pages in non existing languages
- Add support for Aldryn environment

## 7.29 0.5.6 (2015-10-03)

- Fix error when retrieving tags from djangocms-page-tags
- Add support for django CMS 3.2
- Add support for Django 1.8

## 7.30 0.5.5 (2015-08-21)

- Different approach at fix error when page is None
- Better fallback mechanism
- Update i18n

## 7.31 0.5.4 (2015-08-08)

- Fix error when page is None
- Code cleanup
- Add pep8/isort to tests
- Add missing migration

## 7.32 0.5.3 (2015-06-29)

- Fix Django 1.7 migration
- Update testing configuration

## 7.33 0.5.2 (2015-06-28)

- Compatibility with django CMS 3.1.1

## 7.34 0.5.1 (2015-06-06)

- Make south migrations independent from djangocms-helper

## 7.35 0.5 (2015-06-06)

- Add support for custom user model
- Fix the length of SEO fields
- Use djangocms-helper for tests
- Add support for Django 1.7
- Add support for django CMS 3.1

## 7.36 0.4.1 (2014-08-10)

- Minor fixes

## 7.37 0.4.0 (2014-04-19)

- django CMS 3 final release support
- Moved some code to external django-meta-mixin application

## 7.38 0.3.3 (2014-03-23)

- Better support for sn-dependent descriptions

## 7.39 0.3.2 (2014-03-07)

- Add different descriptions for each supported social network

## 7.40 0.3.1 (2014-02-13)

- Fix permission name

## 7.41 0.3.0 (2014-02-02)

- Fix for django CMS 3 develop update

## 7.42 0.2.1 (2014-01-26)

- Vendorizing django-meta compatibility templatetags

## 7.43 0.2.0 (2014-01-22)

- Put toolbar menu items in a submenu

## 7.44 0.1.0 (2014-01-21)

- Experimental release.

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**INDICES AND TABLES**

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