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# **djangoCMS-page-tags Documentation**

***Release 0.6.0***

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# CHAPTER 1

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## djangoCMS-page-tags

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 Tagged pages for django CMS 3

Python: 2.7, 3.4, 3.5, 3.6

Django: 1.8 to 1.11

django CMS: 3.4 (and develop/3.5)

**Warning:** Since version 0.5, the support for Python 2.6, Python 3.3, Django<1.8 and django CMS<3.2 has been dropped

## 1.1 Quickstart

Install djangoCMS-page-tags:

```
pip install djangoCMS-page-tags
```

Then add it to `INSTALLED_APPS` along with its dependencies:

```
'taggit',  
'taggit_autosuggest',  
'djangoCMS_page_tags',
```

Add `taggit_autosuggest` to `urlconf`:

```
url(r'^taggit_autosuggest/', include('taggit_autosuggest.urls')),
```

Execute migration or syncdb:

```
$ python manage.py syncdb
```

or:

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

## 1.2 Usage

You will find two new items in the toolbar Page menu:

- Title tags (per language)
- Page tags (global)

These items allows to add tags to `Title` and `Page` instances, respectively

## 1.3 Templatetags

`djangoCMS-page-tags` allows showing tags using four templatetags

- `include_page_tags`
- `include_title_tags`
- `page_tags`
- `title_tags`

## 1.4 Documentation

For further documentation see <https://djangoCMS-page-tags.readthedocs.io/>



## CHAPTER 2

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### Installation

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1. Install `djangoCMS-page-tags`:

```
$ pip install djangoCMS-page-tags
```

or from the repository:

```
pip install -e https://github.com/nephila/djangoCMS-page-tags#egg=djangoCMS-page-  
→tags
```

2. Then add it to `INSTALLED_APPS` along with its dependencies:

```
'taggit',  
'taggit_autosuggest',  
'djangoCMS_page_tags',
```

3. Add `taggit_autosuggest` to `urlpatterns`:

```
url(r'^taggit_autosuggest/', include('taggit_autosuggest.urls')),
```

4. Synchronize the database with `syncdb`:

```
$ python manage.py syncdb
```

or migrate:

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

5. That's all!

### 2.1 Dependencies

- `django-taggit` `>= 0.11`

- `django-taggit-autosuggest`  $\geq$  0.2.1

you may want to install `django-taggit-templatetags` for better tag management in the template.

### 3.1 Assigning tags to pages / titles

Tags can be assigned from the admin interface or the toolbar.

In the toolbar you will find a `Tags` submenu in the `Page` menu, with two or more sub-items:

- `Common`: it allows to edit page-wide (language independent) tags;
- One entry per active language to edit language dependent tags.

### 3.2 Retrieving tags in the template

`djangoCMS-page-tags` provides both a tag and an inclusion tag for each object.

#### 3.2.1 `include_page_tags` and `include_title_tags`

These `templatetags` retrieve the tags for the given object and render them according to the relative template (`djangoCMS_page_tags/template/page_tags.html` and `djangoCMS_page_tags/template/title_tags.html`) respectively.

You can override the template using the standard django mechanism. Tags are available in the context variable `tags_list`.

#### Arguments:

- `page_lookup` (see [page\\_lookup](#) for more information)
- `language` (optional)
- `site` (optional)

For performance reason is advisable to always use a `Page` object as `page_lookup` parameter.

### 3.2.2 `page_tags` and `title_tags`

These templatetags pulls the tags for the given object and save them in the `varname` context variable.

**Arguments:**

- `page_lookup` (see [page\\_lookup](#) for more information)
- `language` (optional)
- `site` (optional)
- `varname` (required)

For performance reason is advisable to always use a Page object as `page_lookup` parameter.

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### djangocms\_page\_tags.utils

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

`djangocms_page_tags.utils.get_cache_key(request, page, lang, site_id, title)`

Create the cache key for the current page and tag type

`djangocms_page_tags.utils.get_page_tags(page)`

Retrieves all the tags for a Page instance.

**Parameters** `page` – a Page instance

**Returns** list or queryset of attached tags

**Type** List

`djangocms_page_tags.utils.get_page_tags_from_request(request, page_lookup, lang, site, title=False)`

Get the list of tags attached to a Page or a Title from a request from usual `page_lookup` parameters.

**Parameters**

- **request** – request object
- **page\_lookup** – a valid page\_lookup argument
- **lang** – a language code
- **site** – a site id
- **title** – a boolean to extract the Page (if False) or Title instance

**Returns** list of tags

**Type** List

`djangocms_page_tags.utils.get_title_tags` (*page, lang*)

Retrieves all the tags for a Title (given as page and language). This function does not use fallbacks to retrieve title object.

**Parameters**

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

**Returns** list or queryset of attached tags

**Type** List

`djangocms_page_tags.utils.get_title_tags_from_request` (*request, page\_lookup, lang, site*)

Get the list of tags attached to a Title from a request from usual *page\_lookup* parameters.

**Parameters**

- **request** – request object
- **page\_lookup** – a valid page\_lookup argument
- **lang** – a language code
- **site** – a site id

**Returns** list of tags attached to the given Title

**Type** List

`djangocms_page_tags.utils.page_has_tag` (*page, tag*)

Check if a Page object is associated with the given tag.

**Parameters**

- **page** – a Page instance
- **tag** – a Tag instance or a slug string.

**Returns** whether the Page instance has the given tag attached (False if no Page or no attached Page-Tags exists)

**Type** Boolean

`djangocms_page_tags.utils.title_has_tag` (*page, lang, tag*)

Check if a Title object is associated with the given tag. This function does not use fallbacks to retrieve title object.

**Parameters**

- **page** – a Page instance
- **lang** – a language code
- **tag** – a Tag instance or a slug string.

**Returns** whether the Title instance has the given tag attached (False if no Title or no attached Title-Tags exists)

**Type** Boolean

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

## 5.1 Types of Contributions

### 5.1.1 Report Bugs

Report bugs at <https://github.com/nephila/djangocms-page-tags/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

### 5.1.2 Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

### 5.1.3 Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

## 5.1.4 Translations

Any translation is welcome. Please use Transifex <https://www.transifex.com/projects/p/djangocms-page-tags/> to help with translations.

## 5.1.5 Write Documentation

djangocms-page-tags could always use more documentation, whether as part of the official djangocms-page-tags docs, in docstrings, or even on the web in blog posts, articles, and such.

## 5.1.6 Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/nephila/djangocms-page-tags/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

## 5.2 Get Started!

Ready to contribute? Here's how to set up *djangocms-page-tags* for local development.

1. Fork the *djangocms-page-tags* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/djangocms-page-tags.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv djangocms-page-tags
$ cd djangocms-page-tags/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 djangocms_page_tags tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:



```
$ git add .  
$ git commit -m "Your detailed description of your changes."  
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

## 5.3 Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check [https://travis-ci.org/nephila/djangocms-page-tags/pull\\_requests](https://travis-ci.org/nephila/djangocms-page-tags/pull_requests) and make sure that the tests pass for all supported Python versions.

## 5.4 Tips

To run a subset of tests:

```
$ python runtests.py
```



### 6.1 Development Lead

- Iacopo Spalletti <i.spalletti@nephila.it>

### 6.2 Contributors

- Adam Chainz



### 7.1 0.6.0 (2017-12-30)

- Add Django 1.11 support
- Drop django CMS 3.2, 3.3

### 7.2 0.5.0 (2016-12-02)

- Add Django 1.10 support
- Add support for django CMS 3.3, 3.4
- Drop Django 1.7 and below
- Drop django CMS 3.1 and below

### 7.3 0.4.2 (2016-01-08)

- Fix handling of pages in non existing languages

### 7.4 0.4.1 (2015-10-03)

- Add support for django CMS 3.2
- Add support for Django 1.8
- Update translation
- PEP-8 / isort code cleanup

## **7.5 0.4.0 (2015-06-29)**

- Add support for django CMS 3.1
- Add support for Django 1.7
- Use djangoCMS-helper for testing

## **7.6 0.3.0 (2014-04-20)**

- Support for django CMS 3.0 final

## **7.7 0.2.1 (2014-03-29)**

- Support for django CMS 3.0 RC1
- Add verbose description

## **7.8 0.2.0 (2014-02-02)**

- Fix for django CMS 3 develop update

## **7.9 0.1.4 (2014-01-26)**

- Metadata cleanup

## **7.10 0.1.3 (2014-01-22)**

- Put toolbar menu items in a submenu

## **7.11 0.1.2 (2014-01-16)**

- Documentation update

## **7.12 0.1.1 (2014-01-16)**

- Add transifex support

## **7.13 0.1.0 (2014-01-15)**

- Experimental release.

## CHAPTER 8

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### Indices and tables

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