django-wiki Documentation

Release 0.0.1

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CHAPTER 1

Notes

Wiki-base is built upon wiki but is not exactly the same.

For example, wiki-base doesn't use `django-notify` (hooks to Signals are available to achieve similar functionality), so original `wiki` plugins may not work.

There also will be some additions - Article content will be split out to editable blocks (like in MediaWiki) which will be reordable.

1.1 Why is it named wiki-base?

It's a placeholder name, it may change.

CHAPTER 2

Installation

2.1 Pre-requisites

For image processing, wiki-base uses the Pillow library (a fork of PIL). The preferred method should be to get a system-wide, pre-compiled version of Pillow, for instance by getting the binaries from your Linux distribution repos.

2.1.1 Debian-based Linux Distros

You may find this a bit annoying: On Ubuntu 12.04 and Debian, PIL is satisfied by installing `python-imaging`, however Pillow is not! On later versions of Ubuntu (tested on 13.10), Pillow is satisfied, but PIL is not. But since PIL no longer compiles on later releases of Ubuntu, we have opted to use Pillow. The alternative would be that wiki-base's requirements would be installed and silently fail (i.e. PIL from pip compiles on Ubuntu 13+ but finds no system libraries for image processing).

If you are on Ubuntu 13+, you may install a system-wide Pillow-adequate library like so:

```
sudo apt-get install python-imaging
```

After, you can verify that Pillow is satisfied by running `pip show Pillow`.

```
$ pip show Pillow
---
Name: Pillow
Version: 2.0.0
Location: /usr/lib/python2.7/dist-packages
```

On Ubuntu 12.04, Debian Wheezy, Jessie etc., you should acquire a system-wide installation of Pillow, read next section...

2.1.2 Pip installation

Firstly, you need to get development libraries that PIP needs before compiling. For instance on Debian/Ubuntu 12.04:

```
sudo apt-get install libjpeg8 libjpeg-dev libpng libpng-dev
```

Later versions of Ubuntu:

```
sudo apt-get install libjpeg8 libjpeg-dev libpng12-0 libpng12-dev
```

After that, install with `sudo pip install Pillow`. You might as well install Pillow system-wide, because there are little version-specific dependencies in Django applications when it comes to Pillow, and having multiple installations of the very same package is a bad practice in this case.

2.1.3 Mac OS X 10.5+

Ethan Tira-Thompson has created ports for OS X and made them available as a .dmg installer. Download and install the universal combo package here.

Once you have the packages installed, you can proceed to the pip installation. PIL will automatically pick up these libraries and compile them for django use.

2.2 Install

To install the latest stable release: `pip install wiki-base`

Or alternatively you can grab latest from source: `pip install git+git://github.com/skakri/django-wiki-base.gi`

2.2.1 Configure `settings.INSTALLED_APPS`

The following applications should be listed - NB! it's important to maintain the order due to database relational constraints:

```
'django.contrib.humanize',
'south',
'mptt',
'sekizai',
'sorl.thumbnail',
'wiki',
'wiki.plugins.attachments',
'wiki.plugins.images',
'wiki.plugins.macros',
```

2.2.2 Database

To sync and create tables, do:

```
python manage.py syncdb
python manage.py migrate
```

CHAPTER 3

Plugins

Add/remove the following to your `settings.INSTALLED_APPS` to enable/disable the core plugins:

- `'wiki.plugins.attachments'`
- `'wiki.plugins.images'`

CHAPTER 4

Customization

See *Settings* for the settings that can be used to configure wiki-base. Other ways to customize django-wiki for your use are listed below.

CHAPTER 5

Settings

For now, look in wiki/conf/settings.py to see a list of available settings.

CHAPTER 6

Other tips

1. **Syntax highlighting:** Python-Markdown has a pre-shipped codehilite extension which works perfectly, so add something like:

   ```
   WIKI_MARKDOWN_KWARGS = {'extensions': ['footnotes', 'attr_list', 'headerid', 'extra', 'codehilit
   ```

   to your settings. Currently, wiki-base shippes with a stylesheet that already has the syntax highlighting CSS rules built-in. Oh, and you need to ensure `pip install pygments` because Pygments is what the codehilite extension is using!

CHAPTER 7

Indices and tables

- *genindex*
- *modindex*
- *search*