
catsup Documentation

0.3.0

whtsky

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Catsup

CHAPTER 1

1.1

Python Virtualenv

OS X *Command Line Tools* .

1.1.1 Pip

Pip Catsup

```
(sudo) pip install catsup
```

1.1.2

```
(sudo) pip install catsup --upgrade
```

1.1.3 Git

Git

```
git clone git://github.com/whtsky/catsup.git
cd catsup

# git submodule
# sealscript
#
git submodule init
git submodule update

python setup.py install
```

1.1.4 Can't find Python.h ?

Catsup misaka Markdown Ubuntu

```
(sudo) apt-get install python-dev
```

1.2

Catsup

1.2.1

Catsup

```
$ mkdir site
$ cd site
$ catsup init
```

```
$ ls
config.json posts
```

```
catsup init Catsup config.json posts
```

1.2.2

Catsup :

- site.name :
- site.description :
- site.url : URL `http://example.com` `http://example.com/site`
- author.name :

1.2.3

```
vim posts/hello-world.md
```

Hello World

```
# Hello, World!

- time: 2013-08-25 23:30
- tags: hello world

---

, !
Catsup .
```

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()

```

**Markdown** !
<strong> HTML </strong>

```python
print("I love python")
```

```

```
vim posts/about.md
```

```

#

- time: 2013-08-25 23:31
- type: page

----

Hi!
[catsup] (https://github.com/whtsky/catsup) .

```

1.2.4

```
catsup server
```

<http://127.0.0.1:8888>.

```
catsup build
```

```

$ ls
config.json deploy posts

```

1.2.5

GitHub Pages

GitHub,

YOUR_GITHUB_USERNAME.github.io repo

deploy

```

"deploy": {
  "default": "git",

  "git": {
    "repo": "git@github.com:YOUR_GITHUB_USERNAME/YOUR_GITHUB_USERNAME.github.io.",
    ↪git",
    "branch": "master",
    "delete": true

```

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0

```
    },  
  },
```

GitHub `whtsky YOUR_GITHUB_USERNAME`

GitHub Pages

```
catsup build && catsup deploy
```

http://YOUR_GITHUB_USERNAME.github.io

Catsup `rsync rsync`

`deploy`

```
"deploy": {  
  "default": "rsync",  
  
  "rsync": {  
    "ssh_port": 22,  
    "ssh_user": "USER_NAME_HERE",  
    "ssh_host": "IP_ADDRESS_OF_YOUR_SERVER",  
    "document_root": "DEPLOY_TO_WHICH_PATH",  
  }  
},
```

```
"deploy": {  
  "default": "rsync",  
  
  "rsync": {  
    "ssh_port": 22,  
    "ssh_user": "whtsky",  
    "ssh_host": "whouz.com",  
    "document_root": "~/whouz.com",  
  }  
},
```

`rsync`

```
catsup build && catsup deploy
```

1.3

Catsup *Markdown*, *HTML*.

1.3.1 Markdown

.md .markdown.

Hello World

```
# Hello, World!                                <---- This is title

- time: 2013-08-25 23:30                        <---- This is meta
- tags: hello world

---

Hello, World!                                <---- This is content
This is my first post in catsup.
I'm writing in **MarkDown** !
<strong>HTML is supported, too</strong>

```python
print("I love python")
```
```

:

-
-
-

#

Markdown

Catsup GitHub

```
```python
print("Hello World!")
```
```

1.3.2

.txt

```
Hello!
This is a text post.
```

YAML

```
---
title: Hello, World!
tags: Hello, World
time: 2014-01-04 20:56
---

Hello, World! I'm a text post.
```

1.3.3 HTML

HTML , HTML .

HTML .html .

```
---
title: Hello, World!
tags: Hello, World
time: 2014-01-04 20:56
---

<p>I'm writing HTML in catsup</p>
```

1.3.4

- time: 2013-08-25 11:10
- tags: Tag Python, Program
- type: page
- description:
- comment: disabled
- permalink: /this-post

1.3.5

-

```
---
```

```
-----
```

1.3.6

- type: page
 - Tags
 -

-

1.4

Catsup JSON

1.4.1

:

```
{
  "site": {
    "name": "blogname",
    "description": "Just another catsup blog",
    "url": "http://blog.com/"
  },
  "author": {
    "name": "nickname",
    "email": "name@exmaple.com",
    "twitter": "twitter"
  },
  "config": {
    "source": "posts",
    "static_source": "static",
    "output": "deploy",
    "static_output": "deploy/static",
    "static_prefix": "/static/",
    "analytics": ""
  },
  "permalink": {
    "page": "/page/{page}/",
    "post": "/{title}/",
    "tag": "/tag/{name}/",
    "tags": "/tag/index.html",
    "archive": "/archive/{year}/",
    "archives": "/archive/index.html",
    "feed": "/feed.xml"
  },
  "comment": {
    "allow": true,
    "system": "disqus",
    "shortname": "catsup"
  },
  "deploy": {
    "default": "rsync",
    "git": {
      "repo": "repo url here",
      "branch": "master",
      "delete": true
    }
  }
}
```

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```
    },
    "rsync": {
      "ssh_port": 22,
      "ssh_user": "username",
      "ssh_host": "123.45.6.78",
      "document_root": "~/website.com/",
      "delete": true
    }
  },
  "theme": {
    "name": "sealscript",
    "vars": {
      "github": "whtsky",
      "links": [
        {
          "name": "catsup",
          "url": "https://github.com/whtsky/catsup",
          "description": "Awesome!"
        }
      ]
    }
  }
}
```

1.4.2 Site & Author & Config

Google Analytics `config.analytics`

```
"config": {
  "source": "posts",
  "static_source": "static",
  "output": "deploy",
  "static_output": "deploy/static",
  "static_prefix": "/static/",
  "analytics": ""
},
```

1.4.3 Permalink

`config.permalink`

Post :

- `/ {title}.html`
- `{filename}.html`
- `/ {date} / {title} /`
- `/ {filename} /`
- `/ {date} / {filename} /`
- `/ {datetime.year} / {filename} /`

Post

```
"permalink": {
  "post": "{title}/",
  "feed": "/feed.xml"
},
```

```
# About

- datetime: 2013-08-30 12:00
- type: page
- permalink: /about-the-site

-----

This is a about page
```

```
/about-the-site.
```

1.4.4 Comment

Catsup : Disqus

```
"comment": {
  "allow": true,
  "system": "duoshuo",
  "shortname": "catsup"
},
```

```
comment.shortname
```

```
"comment": {
  "allow": true,
  "system": "disqus",
  "shortname": "my_site"
},
```

```
"comment": {
  "allow": false
},
```

```
- comment: disabled
```

1.4.5 Deploy & Theme

1.5

1.5.1

```
catsup install git_repo
```

Theme Clean

```
catsup install clean
```

```
catsup themes
```

1.5.2

Catsup Jinja2 Jinja 2

Catsup

- Theme Clean
- Theme Sealscript

Catsup

```
├── README.md                <----- how to install/customize your theme.
├── static                  <----- static files
│   ├── css
│   │   ├── pygments_style.css <----- catsup uses Pygments to highlight code
│   │   └── style.css
│   └── templates            <----- template files
│       ├── 404.html
│       ├── archive.html
│       ├── archives.html
│       ├── page.html
│       ├── post.html
│       ├── tag.html
│       └── tags.html
├── filters.py              <----- filters defined by theme
└── theme.py                <----- meta file
```

1.5.3

```
name = 'sealscript'
author = 'Lyric'
homepage = 'https://github.com/whtsky/catsup-theme-sealscript'
post_per_page = 3
vars = {
    "github": "whtsky",
}
```

:

- name
- author

- homepage
- post_per_page
- vars

1.5.4

- generator: Catsup Generator .
- site: site .
- author: author .
- config: config .
- comment: comment .
- theme: theme.vars .
- pages:

- pagination: page.html
- post: post.html
- permalink:

```
<link rel="canonical" href="{{ permalink }}" />
```

1.5.5

static_url

Static URL URL

```
<link rel="stylesheet" href="{{ static_url("css/style.css") }}" type="text/css" />
```

url_for

url for

```
<a href="{{ url_for('index') }}">{{ site.name }}</a>

<a href="{{ url_for(post) }}">{{ post.title }}</a>

<link rel="alternate" type="application/rss+xml" href="{{ url_for('feed') }}" title="{
↪ {{ site.name }}" />
```

1.5.6

filters.py Catsup

- xmldatetime

1.5.7

Catsup

- render_comment(post):
- meta(post): meta <head>
- analytics():

post.html

```
<html>
  <head>
    <title>{{ post.title }}</title>
    {% from 'utils.html' import meta, analytics %}
    {{ meta(post) }}
    {{ analytics() }}
    <link rel="canonical" href="{{ permalink }}" />
  </head>
  <body>
    <article>
      <h1>{{ post.title }}</h1>
      {{ post.content }}
      {% from 'utils.html' import render_comment %}
      {{ render_comment(post) }}
    </article>
  </body>
</html>
```

1.6 Goodies

1.6.1

```
catsup server
catsup server -p 8000
```

- (posts)
- Catsup
- Catsup Catsup

: Catsup site.url

1.6.2

Git rsync

```
catsup deploy #
catsup rsync # rsync
catsup git # git
```

1.6.3 Webhook

GitHub Bitbucket Catsup push Git

repo clone Webhook

```
git clone git://path/to/your/site.git
cd site
catsup webhook -p 12580
```

```
: Catsup webhook Supervisor webhook
```

GitHub BitBucket GitHub

- “Admin”
- “Service Hooks”
- “available service hooks” , “WebHook URLs“
- Webhook URL¹
- “Update Settings”

push GitHub, Catsup

1.7

Catsup Catsup

Catsup

easy_install Catsup -U

```
$ easy_install -U catsup
```

1.7.1 Version 0.2.0

0.2.0 Catsup

```
.catsup-cache git .gitignore
```

```
.catsup-cache
```

¹ IP 1.2.3.4, <http://1.2.3.4:12580/webhook>

1.8

1.8.1 Version 0.3.0

- Add multi-format post support
- Add `config.config.static_source`
- Add `config.config.static_output`
- Support Non-meta post.
- Support customize permalink for post
- Support TXT format post.
- Support HTML format post.
- Support YAML format meta.
- Rewrite *catsup install*
- Correct the url for Twitter Card Support
- Drop file-based cache system.
- Improve description creator
- Reorganize code.

1.8.2 Version 0.2.1

- Fix build bugs.

1.8.3 Version 0.2.0

- Support generate sitemap
- Add *catsup watch* command
- Add *catsup clean* command
- Add cache for rendering markdown
- Add cache for `url_for`
- Add cache for `static_url`
- Use Jinja2's Bytecode Cache
- Don't generate analytics codes when running `catsup server`
- Display time cost for loading config and posts
- Change json engine to *ujson*

1.8.4 Version 0.1.0

- Use full md5 hash in `static_url`
- Add support for pages
- Build to `tempdir` when running `catsup server`
- Add `config.site.description`
- Use `config.comment.shortname` to replace `config.comment.disqus` and `config.comment.duoshuo`
- Regenerate the site when your theme or posts changed when running `catsup server`
- Use local static file when running `catsup server`
- Post per page is defined by theme
- Now catsup copy non-markdown files in source folder to deploy folder
- Drop summary support
- Drop escape markdown support
- Add sub path support
- Support customize any permalink
- Rewrite generator, parser and server
- Don't regenerate your site before deploy

1.8.5 Version 0.0.8

- Rewrite tag and archive code
- Add deploy support.(via git or rsync)

1.8.6 Version 0.0.7

Released on Feb. 7, 2013

- Add pagination for writing theme
- Rename excerpt to summary
- Add theme utils
- Support theme filters