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## Cactus

A hugo theme for personal blog. Fork from hexo theme cactus created by @probberechts.

Live demo on github pages.

Some works are still in progress. See TODOS below.

## Install

1. clone cactus to your hugo site's `themes` folder.

```
1 git clone https://github.com/monkeyWzr/hugo-theme-cactus.git themes/cactus
```

2. change your theme to cactus in your site config

```
1 # config.toml
2
3 theme = "cactus"
```

3. config your site. See Config or a complete config sample
4. test your site

```
1 hugo server
```

5. publish your site in your preferred way. See hugo's doc: Hosting & Deployment

## Config

### Color themes

```
1 [params]
2
3 colortheme = "white" # dark, light, white, or classic
```

### Custom CSS

```
1 [params]
2 css = ["css/custom.css"]
```

You can add multiple custom stylesheets which will be loaded after the main theme css. For example, the above line will load the CSS-file placed at `/static/css/custom.css`.

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## Navigation

```
1 # Main menu which appears below site header.
2 [[menu.main]]
3 name = "Home"
4 url = "/"
5 weight = 1
6
7 [[menu.main]]
8 name = "All posts"
9 url = "/posts"
10 weight = 2
11
12 [[menu.main]]
13 name = "Tags"
14 url = "/tags"
15 weight = 3
16
17 [[menu.main]]
18 name = "About"
19 url = "/about"
20 weight = 4
```

## Homepage settings

- description: description will be displayed in the homepage. Markdown syntax is supported in the description string.

```
1 [params]
2
3 description = "Hugo is a general-purpose website framework.
4     Technically speaking, Hugo is a static site generator. Unlike
5     systems that dynamically build a page with each visitor request,
6     Hugo builds pages when you create or update your content. Since
7     websites are viewed far more often than they are edited, Hugo is
8     designed to provide an optimal viewing experience for your
9     'websites end users and an ideal writing experience for website
10    authors."
```

- set your main section (used as the link for the “writings” title on the homepage)

```
1 [params]
2 mainSection = "posts"
```

- change the default main section title from Writings, to something else:

```
1 [params]
```

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```
2   mainSectionTitle = "Blog"
```

- Show only the 5 most recent posts (default)

```
1 [params]
2   showAllPostsOnHomePage = false
3   postsOnHomePage = 5
```

- show all posts

```
1 [params]
2   showAllPostsOnHomePage = true
3   postsOnHomePage = 5 # this option will be ignored
```

- show tagsoverview (default) or not
- 

```
1 [params]
2   tagsOverview = true
```

- display the table of contents inline on blog posts, rather than as part of the navigation menu:

```
1 [params]
2   tocInline = true
```

- show projects list (default) or not.

```
1 [params]
2   showProjectsList = true
3   projectsUrl = "https://github.com/monkeyWzr"
```

Projects section will not be shown if no data file is detected. See Projects list below.

## Projects list

Create your projects data file `data/projects.yaml | toml | json`. Hugo support yaml, toml and json formats. for former hexo cactus users: please assign your json array to a `list` key.

for example, `data/projects.json`:

```
1 {
2   "list": [
3     {
4       "name": "Hexo",
5       "url": "https://hexo.io/",
6       "desc": "A fast, simple & powerful blog framework"
```

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```
7     },
8     {
9         "name": "Font Awesome",
10        "url": "http://fontawesome.io/",
11        "desc": "The iconic font and CSS toolkit"
12    }
13 ]
14 }
```

## Social media links

```
1 [[params.social]]
2   name = "github"
3   link = "https://github.com/monkeyWzr"
4
5 [[params.social]]
6   name = "email"
7   link = "monkeywzr@gmail.com" # no need for "mailto:" at the start
8
9 [[params.social]]
10  name = "linkedin"
11  link = "https://www.linkedin.com/in/monkeywzr/"
```

The `name` key expects the name of a Font Awesome icon.

## Copyright

Assign your copy right to `.Site.Copyright`. Cactus will append current year to the head.

TODO: Customizable copyright year

```
1 copyright = "Zeran Wu" # cactus theme will use site title if copyright
   is not set
```

## Comments

Comments is disabled by default. Enable comments in your `.Site.Params`.

```
1 [params]
2   [params.comments]
3     enabled = true
4     # engine = "disqus" # in progress
```

You can also enable/disable comments per post. in your posts' front matter, add:

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```
1 comments: true
```

The site config is ignored when `comments` option exists in front matter.

The default engine is Disqus. **By now only Disqus is supported in Cactus.** I will add more options sooner or later. See Comments Alternatives

Before using Disqus, you need to register and get your Disqus shortname. Assign your shortname in `.Site.DisqusShortname`, or Cactus will use `.Site.Title` by default.

```
1 DisqusShortname = "wzr" # Cactus will use site title if not set
```

## highlight

Use Hugo's built-in syntax highlighting.

default config:

```
1 [markup]
2   [markup.highlight]
3     codeFences = true
4     guessSyntax = false
5     hl_Lines = ""
6     lineNoStart = 1
7     lineNos = false
8     lineNumbersInTable = true
9     noClasses = true
10    style = "monokai"
11    tabWidth = 4
```

## Analytics

Cactus uses Hugo's built-in analytics templates. Check Hugo's documents for details.

Set your tracking ID in your site config.

```
1 googleAnalytics = "UA-XXXXXXXX-XX" # or G-XXXXXXXX if you are using
   Google Analytics v4 (gtag.js)
```

If you are using Google Analytics v3 (analytics.js), you can switch to asynchronous tracking by setting `params.googleAnalyticsAsync` to `true`.

```
1 [params]
2 googleAnalyticsAsync = true # not required
```

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## RSS

The rss feed is not generated by default. you can enable it in your site config:

```
1 [params]
2   rss = true
```

The rss link will be <https://example.com/index.xml> assuming your `baseUrl` is set to <https://example.com/>

Please also check [Configure RSS](#)

## Mathjax

Cactus supports mathjax. Just add `mathjax` option in your site config:

```
1 [params]
2   mathjax = true # not required
```

You can also enable/disable mathjax per post. In your posts' front matter, add:

```
1 mathjax: true # or false
```

The site config will be ignored when `mathjax` option exists in front matter.

## Archive

Pagination on posts archive can be disabled to show all posts in chronological order

```
1 [params]
2   showAllPostsArchive = true # or false (default)
```

## TODOS

- ☐ More comments engines
- ☒ RSS
- ☐ I18n
- ☒ Analytics
- ☐ Local Search
- ☐ toc template
- ☐ Customizable copyright year
- ☐ gallery

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☐ expose mathjax configuration

## **License**

MIT