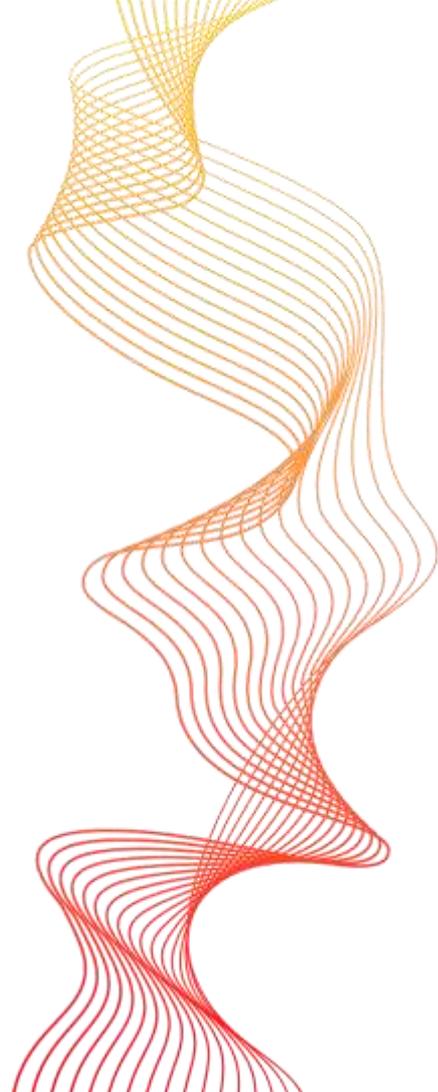




How to build your own blog?

Utilizing [Hexo](#) & [Github Page](#) (or other Page service), you can create a blog of your own within 10minutes.

Mofianger@mofianger.github.io





Have you ever wonder...?

- How to build a fancy blog where you can publish your own article?
- What are taken to build such a blog?

All you need is Hexo and 10 minutes!





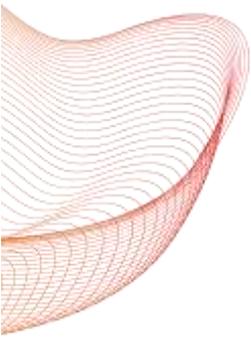
Hexo

<https://hexo.io/zh-cn/>

A blog framework

Dozens of theme based on Hexo are available

You can write your blog with **Markdown**, the md file then automatically transformed into **html** format by Hexo framework.





Step 1 Prerequisite

Download **Node JS**: <https://nodejs.org/en/download>

Download Hexo via npm

```
npm install hexo-cli -g
```

Download Node.js®

Download Node.js the way you want.

[Prebuilt Installer](#) [Prebuilt Binaries](#) [Package Manager](#) [Source Code](#)

I want the version of Node.js for running

 [Download Node.js v20.12.1](#)

Node.js includes npm (10.5.0) [↗](#).

[Read the changelog for this version](#) [↗](#)

[Read the blog post for this version](#) [↗](#)

[Learn how to verify signed SHASUMS](#) [↗](#)

[Check out all available Node.js download options](#) [↗](#)



Step 2 Set up your blog

```
mkdir xxx & cd ./xxx
```

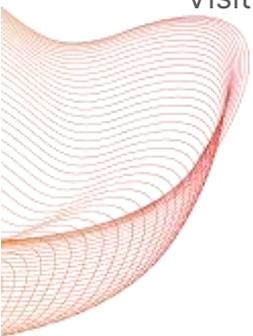
```
hexo init
```

 (A blank directory is required | Special network condition)

```
hexo clean & hexo g & hexo s
```

(Clear static file, Generate new static file, Start server service)

Visit your blog at: <http://localhost:4000/>





Step 2 Another way to put up your blog on the Internet

```
hexo clean & hexo g
```

```
cd ./public
```

(./public is where the static files are stored)

```
http-server (npm install http-server -g)
```

Theoretically, it can be visited among
campus network

Available on:

http://192.168.56.1:8080

http://192.168.192.76:8080

http://10.197.71.98:8080

http://127.0.0.1:8080



Step 3 Your first blog

Enter your blog directory

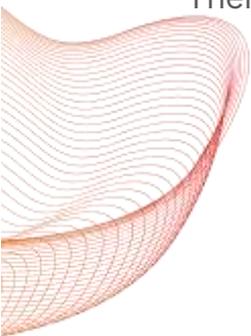
```
hexo new blogname
```

```
D:\test>hexo new blog1
INFO Validating config
INFO Created: D:\test\source\_posts\blog1.md
```

Then, you can find a file named “`blogname.md`” in `./source/_posts`

You can edit your blog content by `editing blogname.md`

Then have a try looking at what it looks like in the website, using `hexo clean & hexo g & hexo s`





Step 4 Configuration

Hexo configuration file is at: `./_config.yml`

Something you may want to edit:

`title: subtitle: author:`

`permalink:` determine the path the html file is stored

Try it yourself to see what will happen after alteration

To run your blog, remember to `use hexo clean & hexo g & hexo s` (or `http-server`)

```
title: Hexo
subtitle: ''
description: ''
keywords:
author: John Doe
language: en
timezone: ''
```

```
permalink: :year/:month/:day/:title/
```





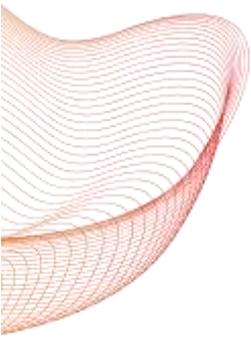
Step 5 It's so ugly. How to beautify it?

You can beautify the page by utilizing others' **theme**.

Specifically, visit <https://hexo.io/themes/> or other hexo theme community.

Pick up one that you favor, and find the **tutorial guidebook** written by the author.

Follow the instructions.





Step 6 One-command-deploy: Github setting

Register an Github account and create a repository named `your_github_username.github.io`

Configure your repository setting:

Source

Deploy from a branch ▾

Branch

Your GitHub Pages site is currently being built from [for your site.](#)

Download Git

main ▾

/ (root) ▾

Save

Configure ssh:

```
git config --global user.name "yourname"  
git config --global user.email "youremail"
```

```
ssh-keygen -t rsa -C "youremail"
```

Add ssh into your personal settings.

SSH keys

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Authentication keys



my ssh key

SHA256

Added on Jan 20, 2024

Last used within the last week — Read/write

[ssh: connect to host github.com port 22: Connection refused](#)



Step 6 One-command-deploy: Hexo setting

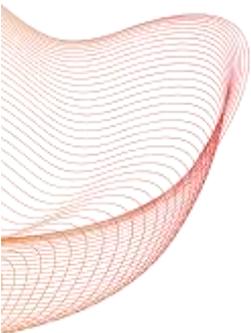
Install hexo-deployer-git: `npm install hexo-deployer-git --save`

Add the following content to `./_config.yml`

```
deploy:
  type: git
  repo: https://github.com/<username>/<project>
  # example, https://github.com/hexojs/hexojs.github.io
  branch: main
```

`hexo clean & hexo d`

Visit `your_github_username.github.io`





Step 7 Enjoy yourself and feel free to explore

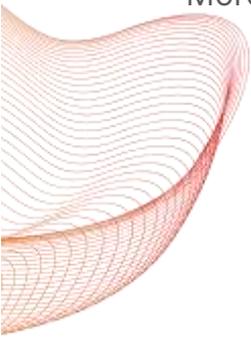
How to put up photographs conveniently?

How to display mathematical formulas correctly?

How to build up a search engine?

How to apply more functioning modules? (e.g. online pdf reading, ppt displaying)

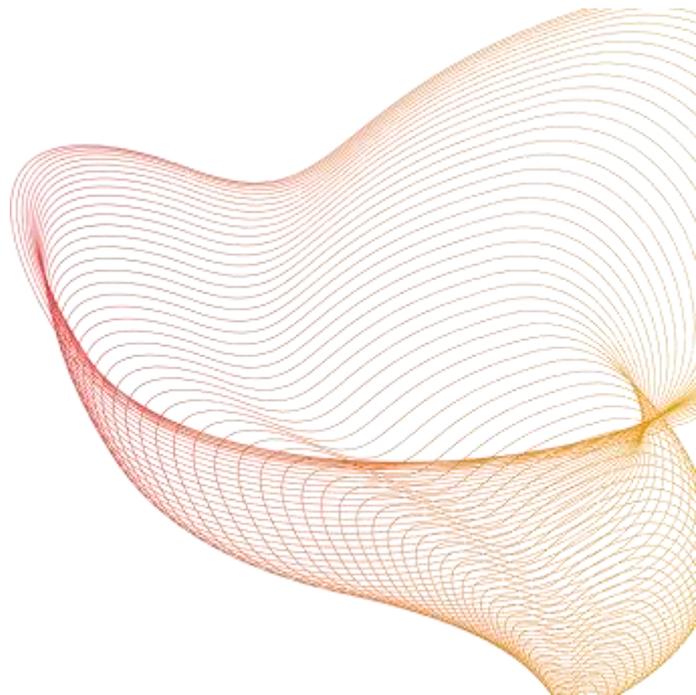
More things are left for you to explore!





For more information

- Visit <https://hexo.io/>
- Browse community articles





Grazie mille! 😊

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