

Jekyll

/dʒɛkəl/ or /dʒiːkəl/

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linuxihaa.ir

Dynamic/Static

Dynamic site generator

Code (Ex. PHP, ASP)
CMS (Ex. Wordpress, Joomla)
Theme & Plugin
Database (Ex. MySQL, SQL Server)
Compile by the request

+ Support other services (Ex. Comments)

Static site generator

Code (Ex. Ruby)
Framework (Ex. Jekyll)
Theme & Plugin
Content (Ex. Markdown)
Compile to HTML & Store

+ Any web server

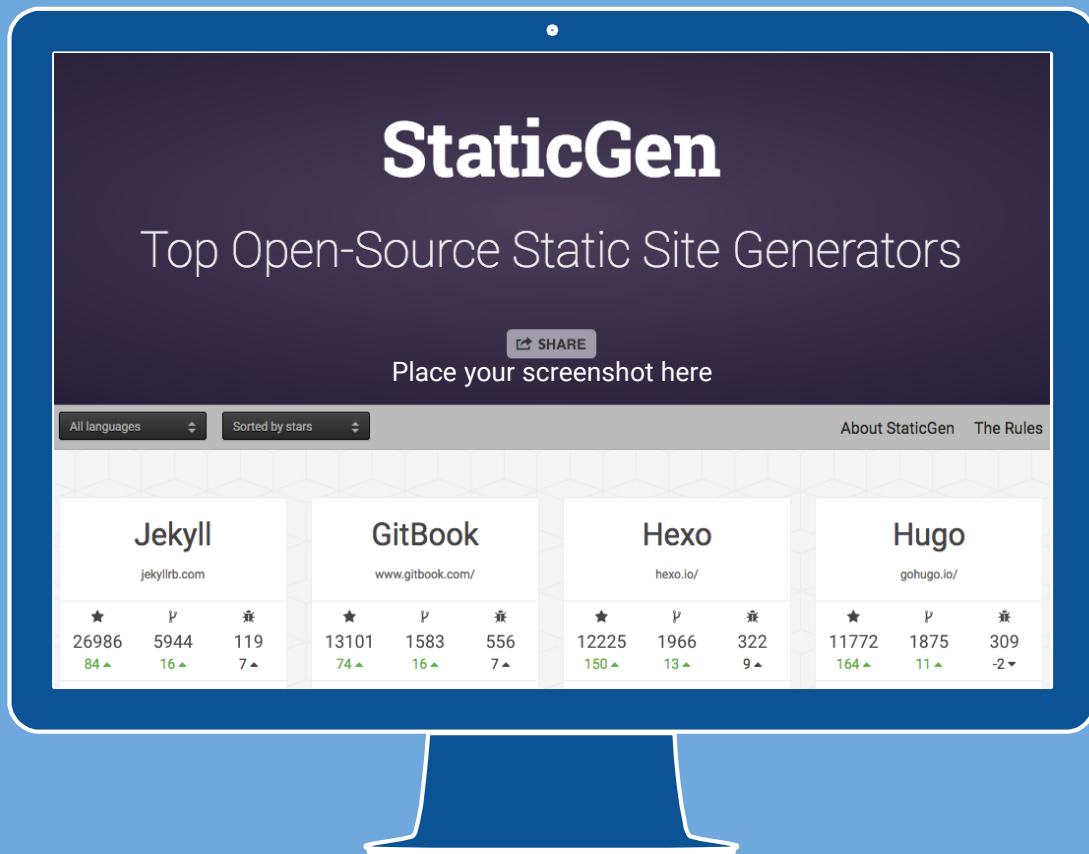
+ Fast

+ No security vulnerabilities

? Discus, Facebook comments ...

StaticGen

www.staticgen.com





A simple, blog-aware, static site generator

Install

Install ruby

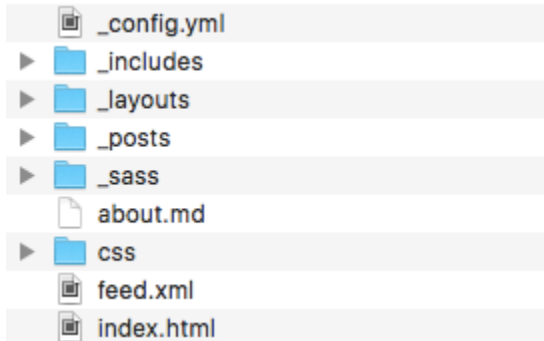
```
gem install jekyll
```

New Site

```
jekyll new linuxihaa
```

```
cd linuxihaa
```

```
jekyll serve
```

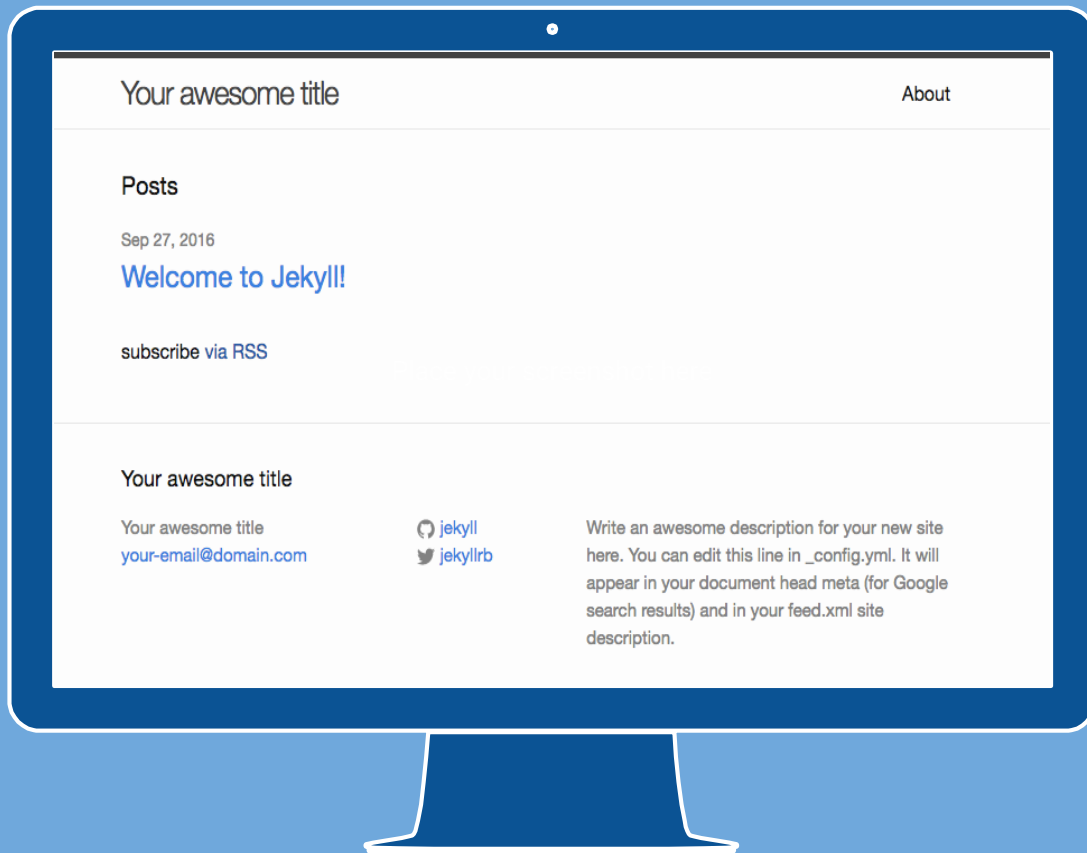


A file explorer view showing the directory structure of a Jekyll site. The files and folders are listed in a light gray background with blue folder icons and document icons for files.

- _config.yml
- ▶ _includes
- ▶ _layouts
- ▶ _posts
- ▶ _sass
- about.md
- ▶ css
- feed.xml
- index.html

New Site (2)

<http://localhost:4000>



Structure

Ruby + Liquid + YAML

`index.html`

`_config.yml` (title, url, ...)

`_layouts/` (Ex. `default.html`, `post.html`)

`_post/` (Ex. `2016-09-25-hello-world.md`)

`_includes/` (Ex. `head.html`, `footer.html`)

`_plugins` (.rb)

`_data` (YAML, JSON, CSV)

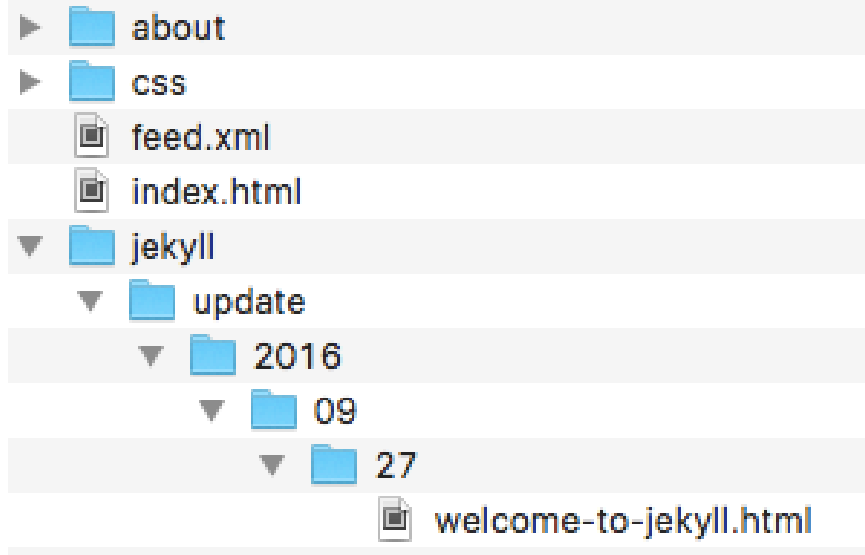
`_sass` (.scss)

`_drafts` (.md)

`css`, `js`, `img`, ...

Structure (2)

_site



Post

layout: post

title: Hello world

date: 2016-09-25 20:42:18

categories: news

tags:

- test
- other

CONTENT

config

```
# Site settings
title: Linuxihaa
email: linuxihaa@gmail.com
description: > # this means to ignore newlines until
               write an awesome description...
baseUrl: /blog
url: http://linuxihaa.ir
twitter_username: linuxihaa
github_username:  linuxihaa

# Build settings
markdown: kramdown
```

Markdown

#H1 or =====

##H2 or -----

###H3

****bold**** or **__bold__**

italic or *_italic_*

~scratch~

1. First ordered list item

2. Another item

* Unordered list item

* Another item

[Linuxihaa](http://linuxihaa.ir)

![alt text][image]

Markdown (2)

``code``

```
```sh
```

```
gem install jekyll
```

```
```
```

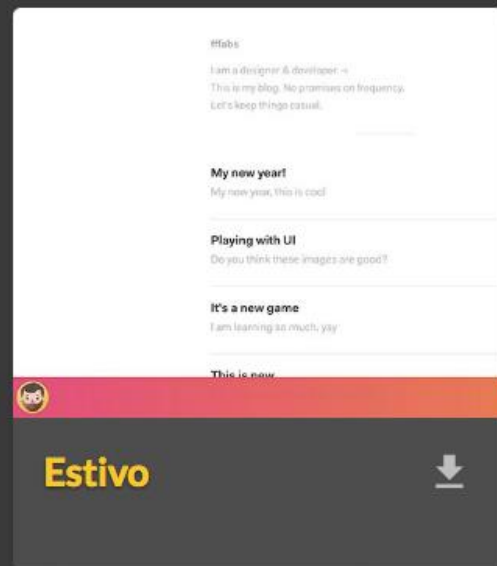
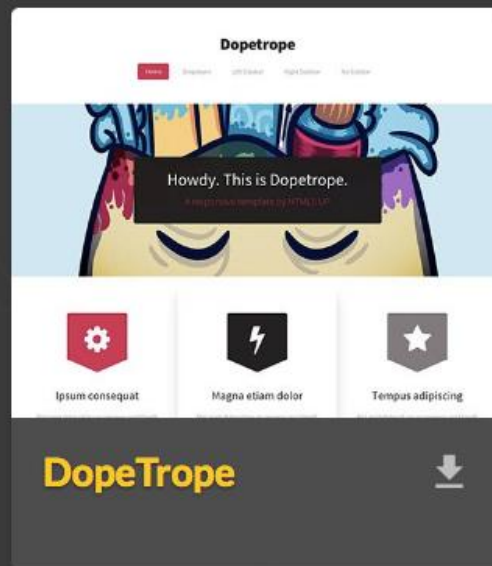
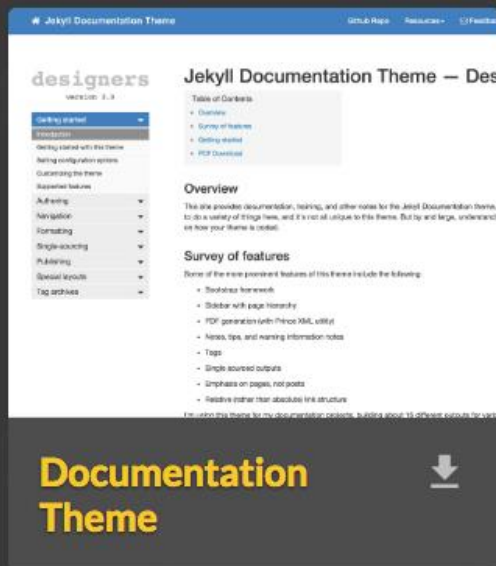
> Blockquotes

Lines: ---, ***, ____

| | | | | | | |
|--|-------------|--|-------|--|--------|--|
| | Personal ID | | Name | | Family | |
| | :-----: | | :--- | | -----: | |
| | Centered | | Right | | Left | |

...

Themes



default.html

```
<!DOCTYPE html>
<html>
  {% include head.html %}
  <body>
    {% include header.html %}
    <div class="page-content">
      <div class="wrapper">
        {{ content }}
      </div>
    </div>
    {% include footer.html %}
  </body>
</html>
```

Liquid Templates (2)

Filters

```
{{ 'uppercase'| upcase }}
```

Loops

```
{% for post in posts %}  
  {{ post.title }}  
{% endfor %}
```

Conditionals

```
{% if variable_name %}  
  variable_name exists  
{% else %}  
  variable_name doesn't exist  
{% endif %}
```

- ▶ LESS / SASS
- ▶ CoffeeScript
- ▶ Minification
- ▶ Emoticons
- ▶ Youtube / Tweet embedding
- ▶ Flickr galleries
- ▶ ...

Github Pages

New repo: `username.github.io`

`http://username.github.io`

New branch: `gh-pages`

`http://username.github.io/repo`

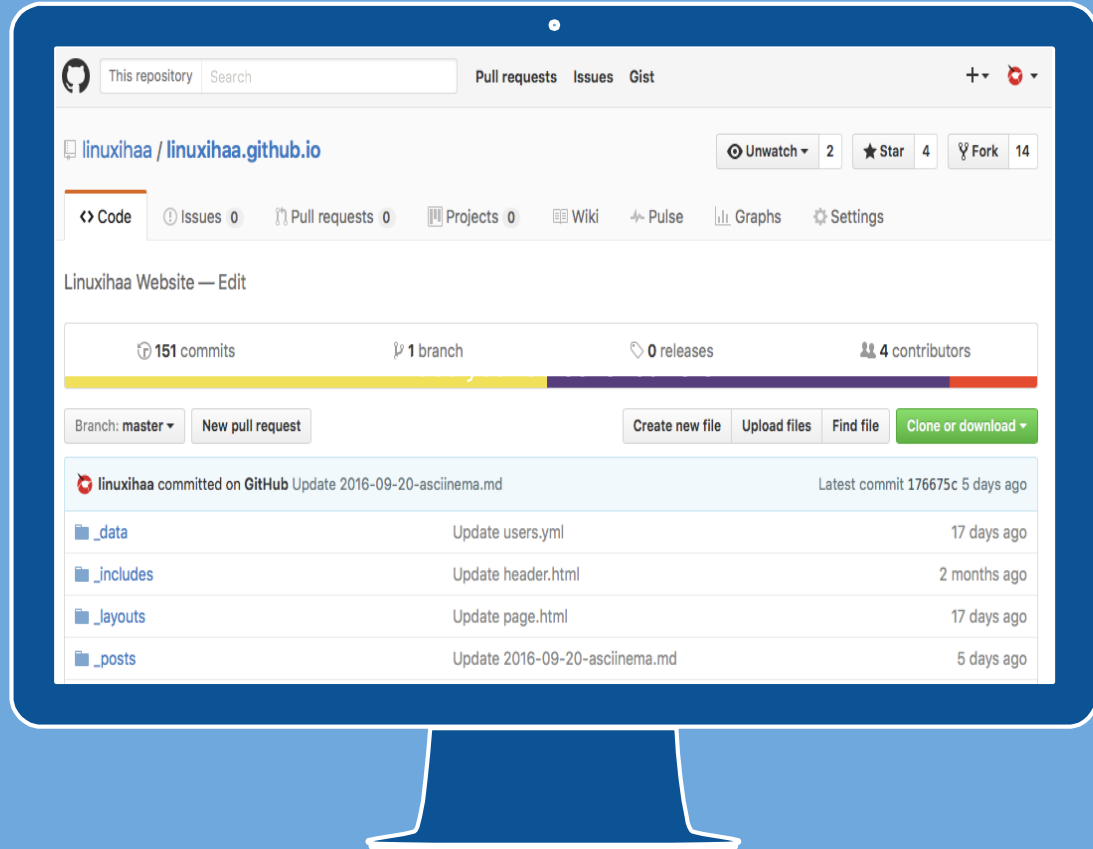


Linuxihaa

linuxihaa/linuxihaa.github.io

 @linuxiha 8K

 @linuxiha 2K



References

<https://jekyllrb.com>

[https://en.wikipedia.org/wiki/Jekyll_\(software\)](https://en.wikipedia.org/wiki/Jekyll_(software))

<http://velocitylabs.io/blog/2011/12/20/presentation-jekyll-static-site-generator/>

<http://ericlathrop.com/2013/05/introduction-to-blogging-with-jekyll/>

<https://scotch.io/tutorials/getting-started-with-jekyll-plus-a-free-bootstrap-3-starter-theme>

<https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>



THANKS!

Any questions?

You can find me at

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- ▶ misam.saki@ut.ac.ir