GitHub Pages 入门

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from USTC LUG

实例:一键搭建
C语言课程主页

➜   创建项目
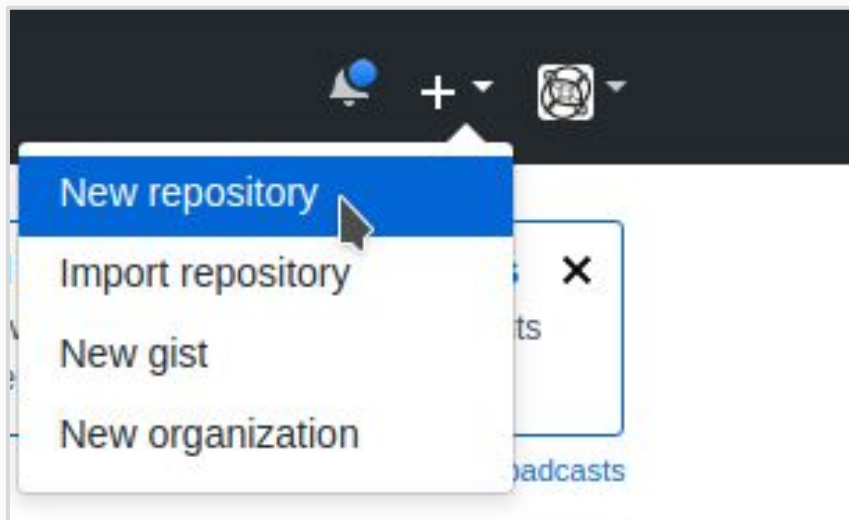
实例：一键搭建 C语言课程主页

➜   创建项目

➜   开启 Pages

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more.

[None ▾] [Save]

Select source   ✕

master branch
Use the `master` branch for GitHub Pages.

master branch /docs folder
Use only the `/docs` folder for GitHub Pages.

✓ **None**
Disable GitHub Pages.

...heme using the `master` branch. Learn more.

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实例：一键搭建 C语言课程主页

➜ 创建项目

➜ 开启 Pages

➜ 在线编辑

实例：一键搭建 C语言课程主页

➔ 创建项目

➔ 开启 Pages

➔ 在线编辑

➔ 完工并开始捞钱！

计算机程序设计A

- 主讲教师：顾为兵老师
- 课堂：每周二07:50-09:25，每周四14:00-15:35，5202
- 实验：每周六14:30-17:30，东区机房
- 作业：每周二上课时收，迟交扣分，不接受超过一周迟交
- QQ群：438448823

助教

每位同学都有对应的助教负责作业和实验，如不清楚对应关系请咨询助教。

- 徐运坤 QQ:
- 董汉德 QQ:
- 胡凯 QQ: 15
- 王啸天 QQ:
- 王昱程 QQ:
- 王子博 QQ:

助教一般都会到课旁听，坐在最后一排附近，如在学习过程中遇到疑问，欢迎咨询助教。

学生信息管理系统大作业要求

本次大作业网上提交，请大家认真完成并充分测试，提交没有问题的版本。另请注意以下要求：

- 只接受 `.c` 文件，都到学期末了，请不要还用 `.cpp` 写C程序
- 注意邮件礼节，至少在邮件中说明你的身份
- 必须真正用链表实现，而非数组或其他数据结构
- 每条学生信息包含整数类型学号、字符串类型姓名、整数或浮点数类型成绩

GitHub Pages 是什么？

GitHub Pages is a static site hosting service designed to host your personal, organization, or project pages directly from a GitHub repository.

https://pages.github.com/

https://help.github.com/articles/what-is-github-pages/

Markdown 是什么？

Markdown is a lightweight markup language with plain text formatting syntax.
It is designed so that it can be converted to HTML and many other formats using a tool by the same name.

https://en.wikipedia.org/wiki/Markdown

https://daringfireball.net/projects/markdown

README.md

```
# Title

- Item 1
- Item 2
- Item 3
```

README.html

```
<html>
<body>
<h1>Title</h1>
<ul>
 <li>Item 1</li>
 <li>Item 2</li>
 <li>Item 3</li>
</ul>
</body>
</html>
```

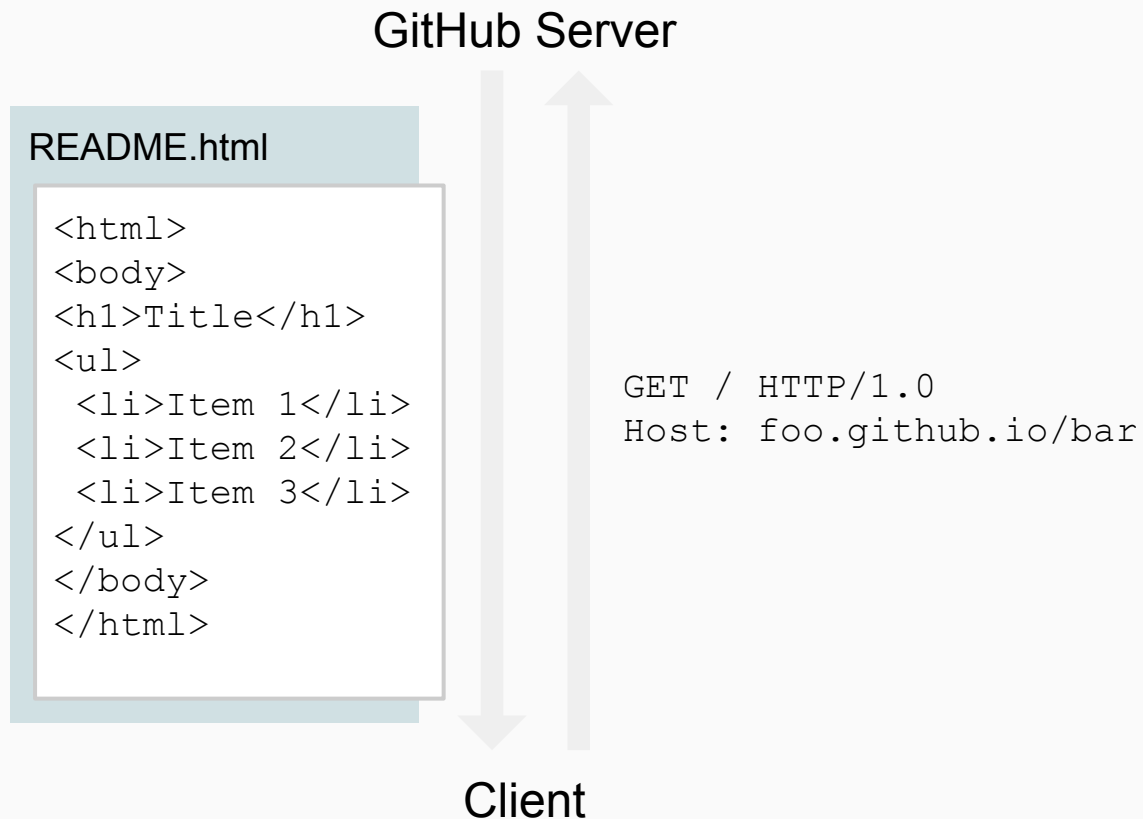default.html

```
<html>
<body>
{{ content }}
</body>
</html>
```

GitHub Server

README.html

```
<html>
<body>
<h1>Title</h1>
<ul>
 <li>Item 1</li>
 <li>Item 2</li>
 <li>Item 3</li>
</ul>
</body>
</html>
```

```
GET / HTTP/1.0
Host: foo.github.io/bar
```

Client

Jekyll

➔ 目录结构

```
_config.yml
```

```
_drafts/
    something-cool.md
```

```
_posts/
    2018-03-11-hello-world.md
```

```
_layouts/
    post.html
```

```
_data/
_includes/
_sass/
...
```

```
(other files)
```

Jekyll

➜ 目录结构

➜ 撰写文章

2018-03-11-hello-world.md

```
---
title: Hello World
categories: world
---
# Hi!

This is my first post.
```

Jekyll

➜ 目录结构

➜ 撰写文章

➜ 添加页面

about.html

```
<html>
<body>
This will become <cod
e>/about.html</code>.
</body>
</html>
```

about.md

```
---
title: About Me
layout: default
---
This will become
`/about.html`.
```

anywhere/about.md

```
---
title: About Me
layout: default
permalink: about.html
---
This will become
`/about.html`.
```

about/index.md

```
---
title: About Me
layout: default
---
This will become
`/about`.
```

Jekyll

→ 目录结构

→ 撰写文章

→ 添加页面

→ 编写模板

_layout/temp.html

```html
<html>
<body>
{% if page.var contains 'a' %}
  {{ page.var | upcase }}
{% endif %}
{{ content }}
</body>
</html>
```

page.html

```html
<html>
<body>

  ABC

<h1>Title</h1>

Some words.

</body>
</html>
```

page.md

```
---
title: Hello
var: abc
layout: temp
---
# Title

Some words.
```

https://shopify.github.io/liquid/

Jekyll

➔ 目录结构

➔ 撰写文章

➔ 添加页面

➔ 编写模板

➔ 本地调试

```
$ ruby --version
ruby 2.*.*
$ gem install bundler
$ cat >Gemfile
source 'https://rubygems.org'
gem 'github-pages', group: :jekyll_plugins
$ bundle install
$ bundle exec jekyll serve
...
    Generating...
                  done in 0.309 seconds.
...
   Server address: http://127.0.0.1:4000/
 Server running... press ctrl-c to stop.
```

关于域名......

```
https://github.com/someone/foo
                -> https://someone.github.io/foo/
```
支持： master:/   master:/docs/   gh-pages:/


```
https://github.com/someone/someone.github.io
                -> https://someone.github.io/
```
仅支持 master:/

关于域名……自定义域名呢？

```
mysite.example IN CNAME 3600 someone.github.io
```

- 若 github.com/someone/someone.github.io 绑定了自定义域名，github.com/someone/site 默认将会是 mysite.example/site/

- 自定义域名暂不支持HTTPS

- 不要对"@"做CNAME！自己做DNS展开或者用Cloudflare等服务

- 在哪买域名？当然是狗爹啦，可私下联系我索要GoDaddy优惠码～

瞎讲一些

我做过的项目

0x01.me library leetcode redirect sfd2017

还能怎么用？

另行构建，仅上传 HTML

用 JS 实现动态网站功能

原本用途：项目官网

……

谢谢大家

王子博 @ 0x01.me ⇐ 欢迎戳我

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