

## A quick GitHub pages tutorial

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This is a really quick tutorial on how to create GitHub pages, whether you want a specific **project page** or just a **user page** (e.g. stuff about your academic life). The idea is that GitHub allows to you create a repository that is hosted as a website. Therefore you can interact with this repository in the usual ways (collaboration, version control, etc...) but it will appear as a web page instead of the classical repository visualisation of GitHub.

### 1 Generating the page

It's dead easy<sup>1</sup>, just follow these steps (you might have already done the two first ones!):

1. Register on GitHub: <https://github.com/>
2. Download a GUI client (recommended):
  - Windows: <https://windows.github.com/>
  - Mac: <https://mac.github.com/>
  - Linux/Nerd<sup>2</sup>: You're grant, it's really easy on terminal too.
3. Generate your website: <https://pages.github.com/>

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<sup>1</sup>Involves just clicking.

<sup>2</sup>If you're a bit more familiar with not only clicking but also copy/pasting stuff in the terminal window.

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## 2 Editing the page

Once every step is completed, let the magic happen and just modify the content depending on your mood straight from your computer. Then save/commit/push the modified content on GitHub and it will instantly update your online repository.

GitHub pages are written in html language, if you're familiar with it, just have fun, if not here is a non-exhaustive list of resources:

- Trial and error, get your hands dirty!
- <http://www.w3schools.com/>
- <http://www.htmldog.com/guides/html/beginner/>
- <http://html.net/>
- “steal” and modify other pages. It's GitHub, that's what's it for!

Note that you can create pages in any other web language too (e.g. Jekyll). It's not much more complicated than that!

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## 3 Some more details

### 3.1 User or project page?

The user page will create a new repository on GitHub and your computer containing all of the web pages' information and resources.

The project page will link directly to one of your repositories, if you're familiar with GitHub, it's like a README file but slightly fancier. You can generate it automatically<sup>3</sup> or manually<sup>4</sup>.

### 3.2 What's in the project repository

```
user.github.io/  
  → index.html  
  → any_other_page.html  
  → stylesheet folder  
    → .css file  
  → any other folder  
    → some file
```

### 3.3 Domain name?

If you happen to have a domain name that you're using for an other website (e.g. checkmyawesomecv.com) there's a way to use it by adding a CNAME file to your repository.

```
https://help.github.com/articles/  
setting-up-a-custom-domain-with-github-pages
```

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<sup>3</sup>Involves just clicking.

<sup>4</sup>Also involves a bit of copy/pasting stuff in the terminal window - <https://help.github.com/articles/creating-project-pages-manually>