

MPRI Web Data Management Session 1 Mini-Lab

The goal of this lab is to give you a taste of actually using Web technologies. To do so, we will take an example that may be useful in the rest of your career: creating or improving a personal Web page.

If you do not already have a personal Web page

Create one :) To get started, I suggest using Codeberg (<https://codeberg.org/>). Codeberg is a git host which uses the open-source software Gitea. It is a non-profit project run by a non-profit organization. Hosting is freely available for free and open-source content.

Here are the steps to follow:

- Create an account on Codeberg (<https://codeberg.org/>). Note: the confirmation email may take a few minutes to arrive.
- Create a repository (click the “plus” at the top right, next to your user logo) called “pages”.
- Clone the repository on your machine using git.
- Create a file named `index.html` containing the following:

```
<!DOCTYPE html>
<html dir="ltr" xml:lang="en-US" lang="en-US">
  <head>
    <meta http-equiv="Content-type" content="text/html; charset=UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Test page</title>
  </head>
  <body>
    <h1>Hello, world!</h1>
  </body>
</html>
```

- Add the file to git with `git add`
- Commit your change with git with `git commit`.
- Push your change to the git repository with `git push`.
- Navigate to <https://<USERNAME>.codeberg.page/> and check that you see “Hello, world!”
- Start editing your web page in HTML to put some content about yourself; you probably want to add CSS styling.

Here is more documentation about the feature for static pages, including support for the use of a custom domain: <https://docs.codeberg.org/codeberg-pages/>

If you already have a personal Web page

You can use the lab session to:

- Improve something on your webpage that you’ve been meaning to do for a long time
- Show off your webpage to your neighbor and vice-versa, and exchange constructive feedback
- Show your webpage to me and see what I think about it :)