

Операционные системы

Отчёт по 1 этапу проекта

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1. Цели и задачи

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1. 1. Цели и задачи

1.1 Цель лабораторной работы

Подготовить репозиторий на основе шаблона.

Ознакомиться с генератором сайтов hugo.

2. 2. Выполнение лабораторной работы



2.1 Создание репозитория из шаблона

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).
Required fields are marked with an asterisk (*).

Start with a template
Templates pre-configure your repository with files.

 HugoBlox/hugo-theme-academic-cv ▾

Include all branches
If enabled, all branches from the template repository will be included.
 Off

1 General

Owner * iatabaeva / **Repository name *** blog
 blog is available.

Great repository names are short and memorable. How about [fantastic-system](#)?

Description
0 / 350 characters

2 Configuration

Рисунок 1: Создание репозитория из шаблона

2.2 Создание локальных репозиториев

```
iaatabaeva@iaatabaeva:~$ gh repo create iatabaeva.github.io --public
✓ Created repository iatabaeva/iatabaeva.github.io on github.com
https://github.com/iatabaeva/iatabaeva.github.io
iaatabaeva@iaatabaeva:~$ mkdir site
iaatabaeva@iaatabaeva:~$ cd site
iaatabaeva@iaatabaeva:~/site$ git clone --recursive git@github.com:iatabaeva/iatabaeva.github.io.git iatabaeva.github.io
Cloning into 'iatabaeva.github.io'...
warning: You appear to have cloned an empty repository.
iaatabaeva@iaatabaeva:~/site$ git clone --recursive git@github.com:iatabaeva/blog.git blog
Cloning into 'blog'...
remote: Enumerating objects: 133, done.
remote: Counting objects: 100% (133/133), done.
remote: Compressing objects: 100% (110/110), done.
remote: Total 133 (delta 3), reused 109 (delta 2), pack-reused 0 (from 0)
Receiving objects: 100% (133/133), 3.28 MiB | 51.00 KiB/s, done.
Resolving deltas: 100% (3/3), done.
iaatabaeva@iaatabaeva:~/site$ █
```

Рисунок 2: Создание локальных репозиториев

2.3 Инициализация hugo

```
iaatabaeva@iaatabaeva:~/site$  
iaatabaeva@iaatabaeva:~/site$ cd blog  
iaatabaeva@iaatabaeva:~/site/blog$ npm install tailwindcss @tailwindcss/cli  
  
added 34 packages, and audited 35 packages in 5s  
  
7 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
iaatabaeva@iaatabaeva:~/site/blog$ hugo  
hugo: downloading modules ...  
hugo: collected modules in 5098 msStart building sites ...  
hugo v0.152.2+extended linux/amd64 BuildDate=2025-12-14T00:00:00+00:00 VendorInfo=Fedora:0.152.2-1  
.fc43
```

Рисунок 3: Инициализация hugo

2.4 Подготовка репозитория

```
iaatabaeva@iaatabaeva:~/site/blog$  
iaatabaeva@iaatabaeva:~/site/blog$ rm -rf public  
iaatabaeva@iaatabaeva:~/site/blog$ cd ..  
iaatabaeva@iaatabaeva:~/site$ cd iatabaeva.github.io  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ git checkout -b main  
Switched to a new branch 'main'  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ touch README.md  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ git add .  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ git commit -m 'upload'  
[main (root-commit) ea7f8fd] upload  
 1 file changed, 0 insertions(+), 0 deletions(-)  
  create mode 100644 README.md  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ git push  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done. [ ]  
Writing objects: 100% (3/3), 861 bytes | 861.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To github.com:iatabaeva/iatabaeva.github.io.git  
 * [new branch]      main -> main  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ [ ]
```

Рисунок 4: Подготовка репозитория

2.5 Подготовка папки public

```
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$  
iaatabaeva@iaatabaeva:~/site/iatabaeva.github.io$ cd ..  
iaatabaeva@iaatabaeva:~/site$ cd blog  
iaatabaeva@iaatabaeva:~/site/blog$ git submodule add -b main git@github.com:iatabaeva/iatabaeva.github.io.git public  
Cloning into '/home/iaatabaeva/site/blog/public'...  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)  
Receiving objects: 100% (3/3), done.  
The following paths are ignored by one of your .gitignore files:  
public  
hint: Use -f if you really want to add them.  
hint: Disable this message with "git config set advice.addIgnoredFile false"  
fatal: Failed to add submodule 'public'  
iaatabaeva@iaatabaeva:~/site/blog$ rm -rf .gitignore  
iaatabaeva@iaatabaeva:~/site/blog$ git submodule add -b main git@github.com:iatabaeva/iatabaeva.github.io.git public  
Adding existing repo at 'public' to the index  
iaatabaeva@iaatabaeva:~/site/blog$
```

Рисунок 5: Подготовка папки public

2.6 Развёртывание сайта

```
create mode 100644 tags/markdown/page/1/index.html
create mode 100644 tags/open-science/index.html
create mode 100644 tags/open-science/page/1/index.html
create mode 100644 tags/presentations/index.html
create mode 100644 tags/presentations/page/1/index.html
create mode 100644 tags/second-brain/index.html
create mode 100644 tags/second-brain/page/1/index.html
create mode 100644 tags/source-themes/index.html
create mode 100644 tags/source-themes/page/1/index.html
create mode 100644 tags/tutorials/index.html
create mode 100644 tags/tutorials/page/1/index.html
create mode 100644 uploads/resume.pdf
[...]
Enumerating objects: 382, done.
Counting objects: 100% (382/382), done.
Delta compression using up to 8 threads
Compressing objects: 100% (325/325), done.
Writing objects: 100% (381/381), 9.29 MiB | 7.01 MiB/s, done.
Total 381 (delta 71), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (71/71), done.
To github.com:iatabaeva/iatabaeva.github.io.git
  ea7f8fd..db18831 main -> main
iaatabaeva@iaatabaeva:~/site/blog/public$
```

Рисунок 6: Развёртывание сайта

3. 3. Выводы

3.1 Результаты выполнения лабораторной работы

Подготовили репозиторий и установили hugo.