

Операционные системы

Отчёт по 1 этапу проекта

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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 *

 aibozorova ▾

Repository name *

/ blog

✔ blog is available.

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

Description

0 / 350 characters

2 Configuration

Рисунок 1: Создание репозитория из шаблона

2.2 Создание локальных репозиториев

```
aibozorova@aibozorova:~$ gh repo create aibozorova.github.io --public
✓ Created repository aibozorova/aibozorova.github.io on github.com
https://github.com/aibozorova/aibozorova.github.io
aibozorova@aibozorova:~$ mkdir site
aibozorova@aibozorova:~$ cd site
aibozorova@aibozorova:~/site$ git clone --recursive git@github.com:aibozorova/aibozorova.github.io.git aibozorova
.github.io
Cloning into 'aibozorova.github.io'...
warning: You appear to have cloned an empty repository.
aibozorova@aibozorova:~/site$ git clone --recursive git@github.com:aibozorova/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 110 (delta 2), pack-reused 0 (from 0)
Receiving objects: 100% (133/133), 3.28 MiB | 70.00 KiB/s, done.
Resolving deltas: 100% (3/3), done.
aibozorova@aibozorova:~/site$
```

Рисунок 2: Создание локальных репозиториев

2.3 Инициализация hugo

```
aibozorova@aibozorova:~/site$  
aibozorova@aibozorova:~/site$ cd blog  
aibozorova@aibozorova:~/site/blog$ npm install tailwindcss @tailwindcss/cli  
  
added 34 packages, and audited 35 packages in 6s  
  
7 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
aibozorova@aibozorova:~/site/blog$ hugo  
hugo: downloading modules ...  
hugo: collected modules in 5486 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

```
aibozorova@aibozorova:~/site/blog$  
aibozorova@aibozorova:~/site/blog$ rm -rf public  
aibozorova@aibozorova:~/site/blog$ cd ..  
aibozorova@aibozorova:~/site$ cd aibozorova.github.io  
aibozorova@aibozorova:~/site/aibozorova.github.io$ git checkout -b main  
Switched to a new branch 'main'  
aibozorova@aibozorova:~/site/aibozorova.github.io$ touch README.md  
aibozorova@aibozorova:~/site/aibozorova.github.io$ git add .  
aibozorova@aibozorova:~/site/aibozorova.github.io$ git commit -m 'upload'  
[main (root-commit) 58ce32d] upload  
 1 file changed, 0 insertions(+), 0 deletions(-)  
  create mode 100644 README.md  
aibozorova@aibozorova:~/site/aibozorova.github.io$ git push  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 859 bytes | 859.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To github.com:aibozorova/aibozorova.github.io.git  
 * [new branch]      main -> main  
aibozorova@aibozorova:~/site/aibozorova.github.io$
```

Рисунок 4: Подготовка репозитория

2.5 Подготовка папки public

```
aibozorova@aibozorova:~/site/aibozorova.github.io$ cd ..  
aibozorova@aibozorova:~/site$ cd blog  
aibozorova@aibozorova:~/site/blog$ rm -rf .gitignore  
aibozorova@aibozorova:~/site/blog$ git submodule add -b main git@github.com:aibozorova/aibozorova.github.io.git p  
ublic  
Cloning into '/home/aibozorova/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.  
aibozorova@aibozorova:~/site/blog$ hugo  
Start 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 5: Подготовка папки public

2.6 Развертывание сайта

```
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_216378f479d089e2.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_47c5f54e3dc64b96.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_5dd9fcde147756f9.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_5de39ecabc69529c.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_65307b05715d095f.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_792365770e11538f.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_adc7062ffe748119.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_c3a51e02eae28075.webp
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_cc54dfe38f3af5a5.jpg
create mode 100644 resources/_gen/images/publications/preprint/featured_hu_e33c5291b16e805.jpg
aibozorova@aibozorova:~/site/blog$ git push
Enumerating objects: 898, done.
Counting objects: 100% (898/898), done.
Delta compression using up to 8 threads
Compressing objects: 100% (873/873), done.
Writing objects: 100% (895/895), 65.29 MiB | 7.45 MiB/s, done.
Total 895 (delta 81), reused 1 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (81/81), completed with 2 local objects.
remote: warning: See https://gh.io/lfs for more information.
remote: warning: File node_modules/@pagefind/linux-x64/bin/pagefind_extended is 65.64 MB; this is larger than Git
Hub's recommended maximum file size of 50.00 MB
remote: warning: GH001: Large files detected. You may want to try Git Large File Storage - https://git-lfs.github
.com.
To github.com:aibozorova/blog.git
 3454b1b..be7a450  main -> main
aibozorova@aibozorova:~/site/blog$
```

Рисунок 6: Развертывание сайта

3. 3. Выводы



3.1 Результаты выполнения лабораторной работы

Подготовили репозиторий и установили hugo.