

Операционные системы

Отчёт по 1 этапу проекта

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1. Цели и задачи



Цель лабораторной работы

Подготовить репозиторий на основе шаблона.

Ознакомиться с генератором сайтов hugo.

2. Выполнение лабораторной работы



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 *  amatienko / Repository name * blog
 blog is available.

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

Description

0 / 350 characters

2 Configuration

Choose visibility *  Public
Choose who can see and commit to this repository

Рисунок 1: Создание репозитория из шаблона

Создание локальных репозиториев

```
warning: You appear to have cloned an empty repository.  
amatienko@amatienko:~/site$ git clone --recursive git@github.com:amatienko/blog.git b  
log  
Cloning into 'blog'...  
remote: Enumerating objects: 133, done.  
remote: Counting objects: 100% (133/133), done.  
remote: Compressing objects: 100% (109/109), done.  
remote: Total 133 (delta 3), reused 116 (delta 2), pack-reused 0 (from 0)  
Receiving objects: 100% (133/133), 3.28 MiB | 5.70 MiB/s, done.  
Resolving deltas: 100% (3/3), done.  
amatienko@amatienko:~/site$
```

Рисунок 2: Создание локальных репозиториев

Инициализация hugo

```
amatienko@amatienko:~/site$  
amatienko@amatienko:~/site$ cd blog  
amatienko@amatienko:~/site/blog$ npm install tailwindcss @tailwindcss/cli  
  
added 34 packages, and audited 35 packages in 43s  
  
7 packages are looking for funding  
  run `npm fund` for details  
  
found 0 vulnerabilities  
amatienko@amatienko:~/site/blog$ hugo  
hugo: downloading modules ...  
hugo: collected modules in 12236 msStart building sites ...  
hugo v0.156.0-9d914726dee87b0e8e3d7890d660221bde372eeec+extended linux/amd64 BuildDate  
=2026-02-18T16:39:55Z VendorInfo=snap:0.156.0  
  
N  
EN  
|  
+-----+-----+  
| Pages          | 93  |  
| Paginator pages | 0   |  
| Non-page files | 23  |  
| Static files    | 1   |  
| Processed images | 177 |  
| Aliases         | 20  |  
| Cleaned         | 0   |  
+-----+-----+  
Total in 22420 ms  
amatienko@amatienko:~/site/blog$
```

Рисунок 3: Инициализация hugo

Подготовка репозитория

```
amatienko@amatienko:~/site/blog$ rm -rf public
amatienko@amatienko:~/site/blog$ cd ..
amatienko@amatienko:~/site$ cd amatienko.github.io
amatienko@amatienko:~/site/amatienko.github.io$ git checkout -b main
Switched to a new branch 'main'
amatienko@amatienko:~/site/amatienko.github.io$ touch README.md
amatienko@amatienko:~/site/amatienko.github.io$ git add .
amatienko@amatienko:~/site/amatienko.github.io$ git commit -m 'upload'
[main (root-commit) e8f411f] upload
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
amatienko@amatienko:~/site/amatienko.github.io$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 858 bytes | 858.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:amatienko/amatienko.github.io.git
 * [new branch]      main -> main
amatienko@amatienko:~/site/amatienko.github.io$
```

Рисунок 4: Подготовка репозитория

Подготовка папки public

```
Cloning into '/home/amatienko/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.
amatienko@amatienko:~/site/blog$ hugo
Start building sites ...
hugo v0.156.0-9d914726dee87b0e8e3d7890d660221bde372eec+extended linux/amd64 BuildDate
=2026-02-18T16:39:55Z VendorInfo=snap:0.156.0

/
| EN
+-----+
Pages          | 93
Paginator pages | 0
Non-page files  | 23
Static files    | 1
Processed images | 177
Aliases         | 20
Cleaned         | 0

Total in 874 ms
amatienko@amatienko:~/site/blog$
```

Рисунок 5: Подготовка папки public

Развертывание сайта

```
v  create mode 100644 resources/_gen/images/publications/preprint/featured_hu_88d269248
v 3ed53f8.webp
  create mode 100644 resources/_gen/images/publications/preprint/featured_hu_94bbd8211
s 9788a80.jpg
  create mode 100644 resources/_gen/images/publications/preprint/featured_hu_ad3f0218e
c12f2db.webp
>  create mode 100644 resources/_gen/images/publications/preprint/featured_hu_cf3a28b1e
s b79d25d.webp
  create mode 100644 resources/_gen/images/publications/preprint/featured_hu_f9a7ee5b4
t 5c37818.webp
amatienko@amatienko:~/site/blog$ git push
Enumerating objects: 944, done.
Counting objects: 100% (944/944), done.
Delta compression using up to 8 threads    ┌
Compressing objects: 100% (919/919), done.
Writing objects: 100% (941/941), 66.84 MiB | 8.90 MiB/s, done.
Total 941 (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 GitHub's recommended maximum file size of 50.00 MB
remote: warning: GH001: Large files detected. You may want to try Git Large File Stor
age - https://git-lfs.github.com.
To github.com:amatienko/blog.git
  d4b3024..8e43d52 main -> main
amatienko@amatienko:~/site/blog$ ┌
```

Рисунок 6: Развертывание сайта

3. Выводы

Результаты выполнения лабораторной работы

Подготовили репозиторий и установили hugo.