

Операционные системы

Отчёт по 1 этапу проекта

Матиев Даниэль Саматович

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Выводы

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 * dsmatiiev / **Repository name *** blog
 blog is available.

Great repository names are short and memorable. How about [shiny-octo-dollop](#)?

Description
0 / 350 characters

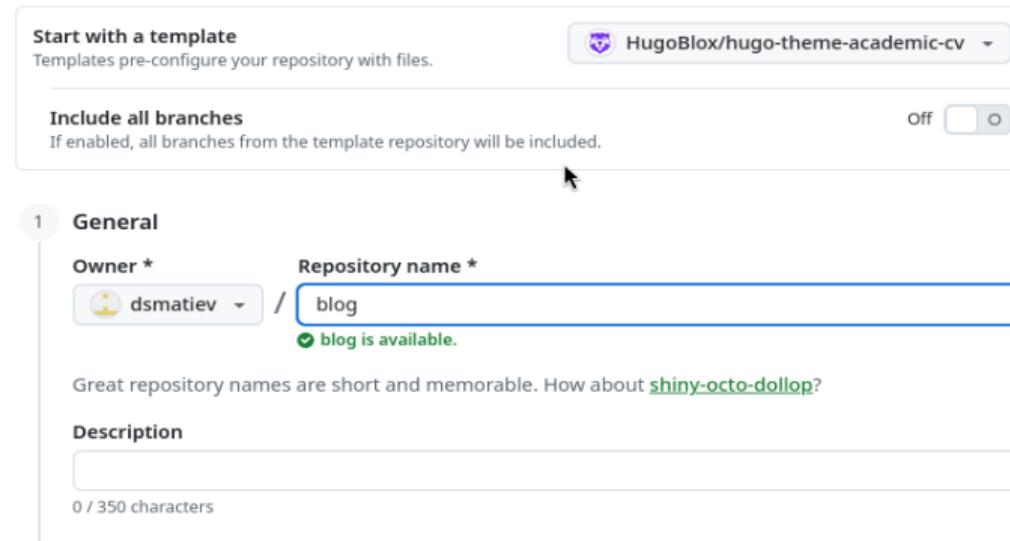


Рисунок 1: Создание репозитория из шаблона

Создание локальных репозиториев

```
dsmatiev@dsmatiev:~$  
dsmatiev@dsmatiev:~$ gh repo create dsmatiev.github.io --public  
✓ Created repository dsmatiev/dsmatiev.github.io on github.com  
  https://github.com/dsmatiev/dsmatiev.github.io  
dsmatiev@dsmatiev:~$ mkdir site  
dsmatiev@dsmatiev:~$ cd site  
dsmatiev@dsmatiev:~/site$ git clone --recursive git@github.com:dsmatiev/dsmatiev.github.io.gi  
t dsmatiev.github.io  
Cloning into 'dsmatiev.github.io'...  
warning: You appear to have cloned an empty repository.  
dsmatiev@dsmatiev:~/site$ git clone --recursive git@github.com:dsmatiev/blog.git blog  
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 | 117.00 KiB/s, done.  
Resolving deltas: 100% (3/3), done.  
dsmatiev@dsmatiev:~/site$ █
```



Рисунок 2: Создание локальных репозиториев

Инициализация hugo

```
dsmatiev@dsmatiev:~/site$ cd blog
dsmatiev@dsmatiev:~/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
dsmatiev@dsmatiev:~/site/blog$ hugo
hugo: downloading modules ...
hugo: collected modules in 25834 ms
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 35414 ms
dsmatiev@dsmatiev:~/site/blog$ rm -rf public
dsmatiev@dsmatiev:~/site/blog$
```

Рисунок 3: Инициализация hugo

Подготовка репозитория

```
dsmatiev@dsmatiev:~/site/blog$  
dsmatiev@dsmatiev:~/site/blog$ cd ..  
dsmatiev@dsmatiev:~/site$ cd dsmatiev.github.io  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ git checkout -b main  
Switched to a new branch 'main'  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ touch README.md  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ git add .  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ git commit -m 'upload'  
[main (root-commit) 125bded] upload  
 1 file changed, 0 insertions(+), 0 deletions(-)  
  create mode 100644 README.md  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ git push  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 857 bytes | 857.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To github.com:dsmatiev/dsmatiev.github.io.git  
 * [new branch]      main -> main  
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$
```

Рисунок 4: Подготовка репозитория

Подготовка папки public

```
dsmatiev@dsmatiev:~/site/dsmatiev.github.io$ cd ..
dsmatiev@dsmatiev:~/site$ cd blog
dsmatiev@dsmatiev:~/site/blog$ rm -rf .gitignore
dsmatiev@dsmatiev:~/site/blog$ git submodule add -b main git@github.com:dsmatiev/dsmatiev.github.io.git public
Cloning into '/home/dsmatiev/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.
dsmatiev@dsmatiev:~/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 907 ms
dsmatiev@dsmatiev:~/site/blog$ █
```

Рисунок 5: Подготовка папки public

Развертывание сайта

```
Counting objects: 17% (105/591), 15.07 MiB | 150.00 KiB/s
dsmatiev@dsmatiev:~/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 | 8.95 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; thi
s 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 Storage - ht
tps://git-lfs.github.com.
To github.com:dsmatiev/blog.git
  202c2a2..d0ed3a1  main -> main
dsmatiev@dsmatiev:~/site/blog$
```

Рисунок 6: Развертывание сайта

3. Выводы

Результаты выполнения лабораторной работы

Подготовили репозиторий и установили hugo.