

# Индивидуальный проект. Персональный сайт научного работника

## Этап 1

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### Содержание

### Цель работы

Быстрое развертывание сайта на GitHub Pages с помощью генератора статического html Hugo.

### Выполнение проекта

1. Устанавливаем программное обеспечение hugo.

```

PS C:\Users\Sergey> irm get.scoop.sh | iex
Initializing...
Downloading...
Extracting...
Creating shim...
Adding ~\scoop\shims to your path.
scoop was installed successfully!
Type 'scoop help' for instructions.
PS C:\Users\Sergey> scoop install hugo-extended git go nodejs
Installing '7zip' (22.01) [64bit] from main bucket
7z2201-x64.msi (1.8 MB) [=====] 100%
Checking hash of 7z2201-x64.msi ... ok.
Extracting 7z2201-x64.msi ... done.
Linking ~\scoop\apps\7zip\current => ~\scoop\apps\7zip\22.01
Creating shim for '7z'.
Creating shim for '7zFM'.
Creating shim for '7zG'.
Creating shortcut for 7-Zip (7zFM.exe)
Persisting codecs
Persisting formats
Running post_install script...
'7zip' (22.01) was installed successfully!
Notes
-----
Add 7-Zip as a context menu option by running: "C:\Users\Sergey\scoop\apps\7zip\current\install-context.reg"
Installing 'git' (2.39.2.windows.1) [64bit] from main bucket
PortableGit-2.39.2-64-bit.7z.exe (46.1 MB) [=====] 100%
Checking hash of PortableGit-2.39.2-64-bit.7z.exe ... ok.
Extracting d1.7z ... done.
Linking ~\scoop\apps\git\current => ~\scoop\apps\git\2.39.2.windows.1
Creating shim for 'sh'.
Creating shim for 'bash'.
Creating shim for 'git'.
Creating shim for 'gitk'.
Creating shim for 'git-gui'.
Creating shim for 'scalar'.
Creating shim for 'tig'.
Creating shim for 'git-bash'.
Creating shortcut for Git Bash (git-bash.exe)
Creating shortcut for Git GUI (git-gui.exe)
'git' (2.39.2.windows.1) was installed successfully!
Notes
-----
Set Git Credential Manager Core by running: "git config --global credential.helper manager"
Installing 'go' (1.20.1) [64bit] from main bucket
go1.20.1.windows-amd64.zip (108.1 MB) [=====] 100%
Checking hash of go1.20.1.windows-amd64.zip ... ok.
Extracting go1.20.1.windows-amd64.zip ... done.
Running installer script...
INFO Adding 'C:\Users\Sergey\go\bin' to PATH...
Linking ~\scoop\apps\go\current => ~\scoop\apps\go\1.20.1
Creating shim for 'go'.
Creating shim for 'gofmt'.
'go' (1.20.1) was installed successfully!
Installing 'hugo-extended' (0.110.0) [64bit] from main bucket
hugo_extended_0.110.0_windows-amd64.zip (17.9 MB) [=====] 100%
Checking hash of hugo_extended_0.110.0_windows-amd64.zip ... ok.
Extracting hugo_extended_0.110.0_windows-amd64.zip ... done.
Linking ~\scoop\apps\hugo-extended\current => ~\scoop\apps\hugo-extended\0.110.0
Creating shim for 'hugo'.
'hugo-extended' (0.110.0) was installed successfully!
Installing 'nodejs' (19.7.0) [64bit] from main bucket
node-v19.7.0-win-x64.7z (17.7 MB) [=====] 100%
Checking hash of node-v19.7.0-win-x64.7z ... ok.
Extracting node-v19.7.0-win-x64.7z ... done.
Linking ~\scoop\apps\nodejs\current => ~\scoop\apps\nodejs\19.7.0
Persisting bin
Persisting cache
Running post_install script...
'nodejs' (19.7.0) was installed successfully!

```

## Установка hugo через терминал

2. Создаем репозиторий blog, используя шаблон. После, используя hugo, компилируем сервер.

```

PS C:\Users\Sergey\work\blog> hugo server
Start building sites ...
hugo v0.110.0+32a4986/826d02761c3b79623952625402b168:extended windows/amd64 buildDate=2023-01-17T12:16:09Z vendorInfo=gohugoio

-----
Pages: 55
Paginator pages: 0
New page files: 0
Static files: 0
Processed images: 0
Aliases: 13
Templates: 1
Cleaned: 0
-----

hugo is 385 ms
Watching for changes in C:\Users\Sergey\AppData\work\
Watching for config changes in C:\Users\Sergey\work\blog\config\_default, C:\Users\Sergey\AppData\Local\Temp\hugo_cache\modules\filecache\modules\pkg\mod\github.com\woacheny\woacheny-hugo-themes\themes\woacheny\vs9\5.7.1-0.2021127215619-58b270a3e103.co
ffig.yaml, C:\Users\Sergey\work\blog\go.mod
To: prometheus, devlopment
Serving pages from memory
Running in Fast Render Mode. For full rebuilds on change: hugo server --disableFastRender
Web Server is available at http://localhost:1313/ (bind address: 127.0.0.1)
Press Ctrl-C to stop

```

## Компиляция через hugo

3. Для публикации сайта нужно создать отдельный репозиторий.

Owner \* Repository name \*

 sacvelev ▼ / sacvelev.github.io ✓

Создание

репозитория - <имяпользователя>.github.io

4. С помощью команды `git submodule` добавляем репозиторий из public в индекс, предварительно убрав public из `.gitignore`. Используем команду `hugo`, а затем с помощью `git push` заливаем файлы в репозиторий. Сайт создан.

```
PS C:\Users\Sergey\work\blog> git submodule add -b main git@github.com:sacvelev/sacvelev.github.io.git public
Cloning into 'C:/Users/Sergey/work/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
Receiving objects: 100% (3/3), done.
PS C:\Users\Sergey\work\blog> cd public
PS C:\Users\Sergey\work\blog\public> git remote -v
origin  git@github.com:sacvelev/sacvelev.github.io.git (fetch)
origin  git@github.com:sacvelev/sacvelev.github.io.git (push)
PS C:\Users\Sergey\work\blog\public> git add .
PS C:\Users\Sergey\work\blog\public> git commit -am "починили сайт"
[master 1b1b1b1] 1 commit
on branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\Sergey\work\blog\public> git push
Everything up-to-date
PS C:\Users\Sergey\work\blog\public> cd ..
PS C:\Users\Sergey\work\blog> hugo
Start building sites ...
hugo v0.110.0-e32a493b7826d02763c3b79623952e625402b168+extended windows/amd64 BuildDate=2023-01-17T12:16:09Z VendorInfo=gohugoio

-----+-----
Pages | 55
Paginator pages | 0
Non-page files | 16
Static files | 9
Processed images | 64
Aliases | 15
Sitemaps | 1
Cleaned | 0
-----+-----
Total in 870 ms
```

Использование команды `git submodule`

Academic Home Posts Projects Talks Publications Contact

Twitter Search Moon

# Hugo Academic Theme

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Готовый сайт

## Вывод

Мы смогли сделать заготовку для сайта на Github с помощью hugo.