

Лабораторной работы №2

Дисциплина “Операционные системы”

Обрезкова А.В.

18 февраля 2023

Российский университет дружбы народов, Москва, Россия

ФФМиЕН

Информация

- Обрезкова Анастасия Владимировна
- студентка направления “Математика и механика”
- Российский университет дружбы народов
- 1132226505@pfur.ru

Вводная часть

- Изучение идеологии и применения средств контроля версий Git
- Освоить умения по работе с Git

Основная часть

Создание аккаунта на GitHub

- Данный аккаунт был создан в прошлом семестре

The screenshot shows the GitHub profile page for user 'avobrezkova'. The header includes the GitHub logo, a search bar, and navigation links for Pulls, Issues, Codespaces, Marketplace, and Explore. The user's profile picture is a circular avatar with a pink and white pixelated pattern. Below the avatar is the username 'avobrezkova' and an 'Edit profile' button. The 'Overview' tab is selected, showing 'Popular repositories' with one repository: 'study_2022-2023_arh-pc' (Public) by 'TeX'. A '23 contributions in the last year' section features a calendar grid from May to February, with green squares indicating contribution activity.

Search or jump to... / Pulls Issues Codespaces Marketplace Explore

Overview Repositories 1 Projects Packages Stars

Popular repositories Customize your pins

[study_2022-2023_arh-pc](#) Public

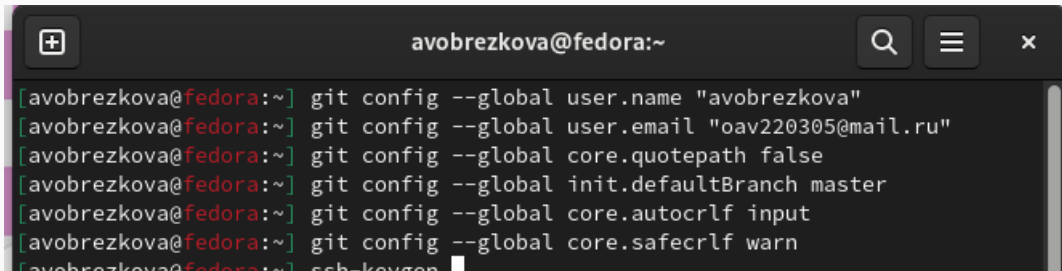
TeX

23 contributions in the last year Contribution settings

May Jun Jul Aug Sep Oct Nov Dec Jan Feb

avobrezkova

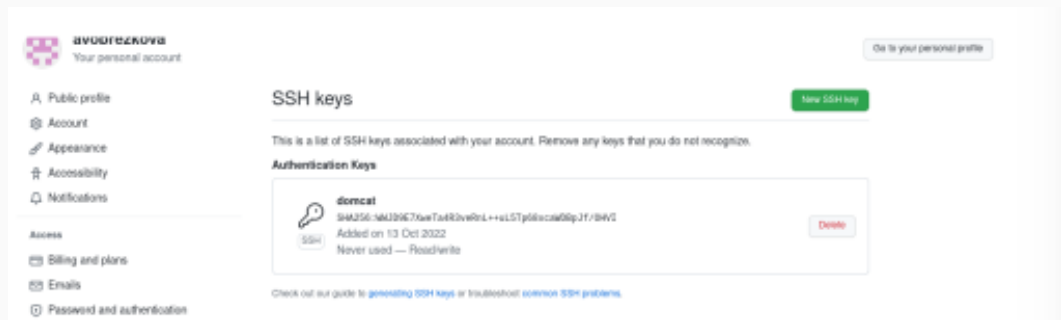
Edit profile



A terminal window titled "avobrezkova@fedora:~" with search, menu, and close icons in the top right. The terminal shows a series of git configuration commands being executed. The prompt is "[avobrezkova@fedora:~]" and the commands are "git config --global user.name 'avobrezkova'", "git config --global user.email 'oav220305@mail.ru'", "git config --global core.quotepath false", "git config --global init.defaultBranch master", "git config --global core.autocrlf input", and "git config --global core.safecrlf warn". The last line is partially cut off.

```
[avobrezkova@fedora:~] git config --global user.name "avobrezkova"
[avobrezkova@fedora:~] git config --global user.email "oav220305@mail.ru"
[avobrezkova@fedora:~] git config --global core.quotepath false
[avobrezkova@fedora:~] git config --global init.defaultBranch master
[avobrezkova@fedora:~] git config --global core.autocrlf input
[avobrezkova@fedora:~] git config --global core.safecrlf warn
[avobrezkova@fedora:~] ssh-keygen
```


- Создала ключ и загрузила в GitHub



The screenshot shows the GitHub account settings page for a user named 'ayudrezkova'. The left sidebar contains navigation links: Public profile, Account, Appearance, Accessibility, Notifications, Access, Billing and plans, Emails, and Password and authentication. The main content area is titled 'SSH keys' and includes a 'New SSH key' button. Below the title, there is a description: 'This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.' Under the heading 'Authentication Keys', a single key is listed with the title 'doncat', the key string 'SHA256:3MJB9E7XwTmR2vRnL++eLSTp6l6caW6pJf/BHVG', and the date 'Added on 13 Oct 2022'. It also notes 'Never used — Read/write' and has a 'Delete' button. At the bottom, there is a link to a guide on generating SSH keys or troubleshooting common SSH problems.

ayudrezkova
Your personal account

Go to your personal profile

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Authentication Keys

Key Name	Key String	Added on	Usage	Action
doncat	SHA256:3MJB9E7XwTmR2vRnL++eLSTp6l6caW6pJf/BHVG	Added on 13 Oct 2022	Never used — Read/write	Delete

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH problems](#).

- Создала gpg ключ и загрузила в GitHub

GPG keys

[New GPG key](#)

This is a list of GPG keys associated with your account. Remove any keys that you do not recognize.



GPG

Email address: oav220305@mail.ru

Key ID: 5616185C60137B12

Subkeys: 42187E8139C2254C

Added on Feb 16, 2023

[Delete](#)

[Learn how to create a GPG key and add it to your account](#)

```
[avobrezkova@fedora:~] git config --global user.signingkey 5616185C60137B12  
[avobrezkova@fedora:~] git config --global commit.gpgsign true  
[avobrezkova@fedora:~] git config --global gpg.program  
[avobrezkova@fedora:~]
```

- Авторизировалась и ответила на наводящие вопросы

```
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] gh auth login
? What account do you want to log into? GitHub.com

? What is your preferred protocol for Git operations? HTTPS

? Authenticate Git with your GitHub credentials? Yes

? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: AAAE-2003

Press Enter to open github.com in your browser...

a✓ Authentication complete.
- gh config set -h github.com git_protocol https
✓ Configured git protocol
✓ Logged in as avobrezkova
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] gh dis -a ~/work/study/2022-2023/Операционные системы
```

Создание репозитория курса

```
avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] mkdir -p ~/work/study/2022-2023/"Операционные системы"
avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] cd ~/work/study/2022-2023/"Операционные системы"
avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] gh repo create study_2022-2023_os-intro --template=yamadharma/course-directory-student-template --public
✓ Created repository avobrezkova/study_2022-2023_os-intro on GitHub
avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] git clone --recursive git@github.com:avobrezkova/study_2022-2023_os-intro.git os-intro
Клонирование в «os-intro»...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (26/26), done.
remote: Total 27 (delta 1), reused 11 (delta 0), pack-reused 0
Получение объектов: 100% (27/27), 16.93 КиБ | 1.13 МиБ/с, готово.
Определение изменений: 100% (1/1), готово.
Подмодуль «template/presentation» (https://github.com/yamadharma/academic-presentation-markdown-template.git) зарегистрирован по пути «template/presentation»
Подмодуль «template/report» (https://github.com/yamadharma/academic-laboratory-report-template.git) зарегистрирован по пути «template/report»
Клонирование в «/home/avobrezkova/work/study/2022-2023/Операционные системы/os-intro/template/presentation»...
remote: Enumerating objects: 82, done.
remote: Counting objects: 100% (82/82), done.
remote: Compressing objects: 100% (57/57), done.
remote: Total 82 (delta 28), reused 77 (delta 23), pack-reused 0
Получение объектов: 100% (82/82), 92.90 КиБ | 251.00 КиБ/с, готово.
Определение изменений: 100% (28/28), готово.
Клонирование в «/home/avobrezkova/work/study/2022-2023/Операционные системы/os-intro/template/report»...
remote: Enumerating objects: 101, done.
remote: Counting objects: 100% (101/101), done.
remote: Compressing objects: 100% (70/70), done.
remote: Total 101 (delta 40), reused 88 (delta 27), pack-reused 0
Получение объектов: 100% (101/101), 327.25 КиБ | 414.00 КиБ/с, готово.
Определение изменений: 100% (40/40), готово.
Submodule path 'template/presentation': checked out 'b1be3800ee91f5809264cb755d316174540b753e'
Submodule path 'template/report': checked out '1d1b61dcac9c287a83917b82e3aef11a33b1e3b2'
avobrezkova@fedora:~/work/study/2022-2023/Операционные системы]
```

Настройка каталога курса

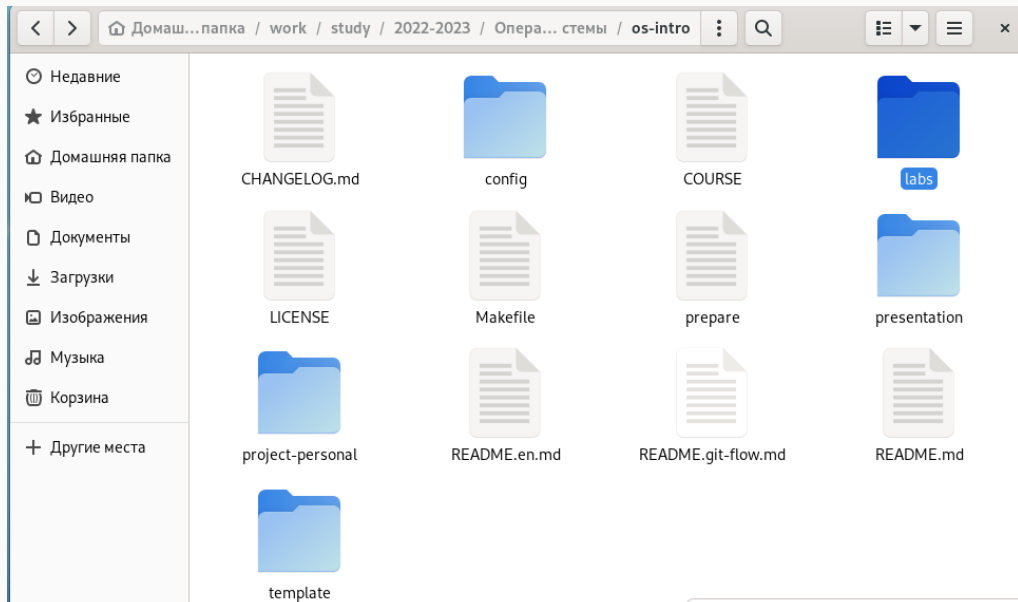
- Удалила лишние файлы, создала необходимые каталоги

```
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы] cd ~/work/study/2022-2023/"Операционные системы"/os-intro
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы/os-intro] rm package.json
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы/os-intro] echo os-intro > COURSE
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы/os-intro] make
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы/os-intro] git add .
[avobrezkova@fedora:~/work/study/2022-2023/Операционные системы/os-intro] git commit -am 'feat(main): make course structure'
[master 04fbc31] feat(main): make course structure
361 files changed, 100327 insertions(+), 14 deletions(-)
create mode 100644 labs/README.md
create mode 100644 labs/README.ru.md
create mode 100644 labs/lab01/presentation/Makefile
create mode 100644 labs/lab01/presentation/image/kulyabov.jpg
create mode 100644 labs/lab01/presentation/presentation.md
create mode 100644 labs/lab01/report/Makefile
create mode 100644 labs/lab01/report/bib/cite.bib
create mode 100644 labs/lab01/report/image/placeimg_800_600_tech.jpg
create mode 100644 labs/lab01/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100755 labs/lab01/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 labs/lab01/report/pandoc/filters/pandoc_fignos.py
create mode 100755 labs/lab01/report/pandoc/filters/pandoc_secnos.py
create mode 100755 labs/lab01/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 labs/lab01/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 labs/lab01/report/pandoc/filters/pandocxnos/core.py
create mode 100644 labs/lab01/report/pandoc/filters/pandocxnos/main.py
create mode 100644 labs/lab01/report/pandoc/filters/pandocxnos/pandocxnos_contributor.py
```

- Отправка файлов на сервер

```
create mode 100644 project-personal/stage6/presentation/image/kulyabov.jpg
create mode 100644 project-personal/stage6/presentation/presentation.md
create mode 100644 project-personal/stage6/report/Makefile
create mode 100644 project-personal/stage6/report/bib/cite.bib
create mode 100644 project-personal/stage6/report/image/placeimg_800_600_tech.jpg
create mode 100644 project-personal/stage6/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
```

Результат работы



В ходе выполнения лабораторной работы я создала каталог “Операционные системы” и новый репозиторий на сервере GitHub на основе шаблона и внесла в него изменения. Я создала рабочее пространство для выполнения дальнейших лабораторных работ.