

Операционные системы

Управление версиями

Дургарян Аделина Ованесовна

31 мая 2025

Российский университет дружбы народов, Москва, Россия

Цели и задачи работы


Целью данной работы является изучение идеологии и применения средств контроля версий и освоение умений работать с git.

Процесс выполнения лабораторной работы

```
aodurgaryan@aodurgaryan:~$  
aodurgaryan@aodurgaryan:~$ git config --global user.name "aodurgaryan"  
aodurgaryan@aodurgaryan:~$ git config --global user.email "1132249995@rudn.university"  
aodurgaryan@aodurgaryan:~$ git config --global core.quotepath false  
aodurgaryan@aodurgaryan:~$ git config --global init.defaultBranch master  
aodurgaryan@aodurgaryan:~$ git config --global core.autocrlf input  
aodurgaryan@aodurgaryan:~$ git config --global core.safecrlf warn  
aodurgaryan@aodurgaryan:~$
```

Рис. 1: Параметры репозитория

Добавляем GPG ключ в аккаунт

 **aodurgaryan (aodurgaryan)**
Your personal account

Public profile

Account

Appearance

Accessibility

Notifications

Access

Billing and licensing

Emails

Password and authentication

Sessions

SSH and GPG keys

Organizations

Enterprises

Moderation

Code, planning, and automation

Repositories

Codespaces

Packages


Go to your personal profile

New SSH key

SSH keys

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

Authentication keys


 SSH

Title
SHA256:9H7U1v3wvkaYzQxZBcedNNByR6p0hLAUdxR/MxL+hJc
Added on Oct 10, 2024
Last used within the last 6 months — Read/write

Delete

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

GPG keys

 GPG

1
Email address: 1132249995@rudn.university Unverified
Key ID: 02EE20D870BBE61A
Subkeys: AB33D77A4258BA1B
Added on May 31, 2025

Delete

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

Рис. 2: GPG ключ

```
aodurgaryan@aodurgaryan:~$ gh auth login
? Where do you use GitHub? GitHub.com
? What is your preferred protocol for Git operations on this host? SSH
? Upload your SSH public key to your GitHub account? /home/aodurgaryan/.ssh/id_rsa.pub
? Title for your SSH key: GitHub CLI
? How would you like to authenticate GitHub CLI? Login with a web browser

! First copy your one-time code: 7831-099D
Press Enter to open https://github.com/login/device in your browser...
✓ Authentication complete.
- gh config set -h github.com git_protocol ssh
✓ Configured git protocol
✓ Uploaded the SSH key to your GitHub account: /home/aodurgaryan/.ssh/id_rsa.pub
✓ Logged in as aodurgaryan
aodurgaryan@aodurgaryan:~$
aodurgaryan@aodurgaryan:~$
```

Рис. 3: Связь репозитория с аккаунтом

Подготовка репозитория

```
create mode 100644 project-personal/stage6/presentation/_resources/image/togo_rudn.png
create mode 100644 project-personal/stage6/presentation/image/kulyabov.jpg
create mode 100644 project-personal/stage6/presentation/presentation.qmd
create mode 100644 project-personal/stage6/report/.gitignore
create mode 100644 project-personal/stage6/report/.projectile
create mode 100644 project-personal/stage6/report/Makefile
create mode 100644 project-personal/stage6/report/_quarto.yml
create mode 100644 project-personal/stage6/report/_resources/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100644 project-personal/stage6/report/bib/cite.bib
create mode 100644 project-personal/stage6/report/image/solvay.jpg
create mode 100644 project-personal/stage6/report/report.qmd
aodurgaryan@aodurgaryan:~/work/study/2024-2025/Операционные системы/os-intro$ git push
Перечисление объектов: 35, готово.
Подсчет объектов: 100% (35/35), готово.
При сжатии изменений используется до 4 потоков
Сжатие объектов: 100% (21/21), готово.
Запись объектов: 100% (34/34), 699.14 КиБ | 5.26 МиБ/с, готово.
Total 34 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:aodurgaryan/os-intro.git
   f8fe0d8..8e58e27  master -> master
aodurgaryan@aodurgaryan:~/work/study/2024-2025/Операционные системы/os-intro$
```

Рис. 4: Подготовка репозитория

Выводы по проделанной работе

Мы приобрели практические навыки работы с сервисом github.