

Управление версиями

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Цели и задачи работы

Цель лабораторной работы

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

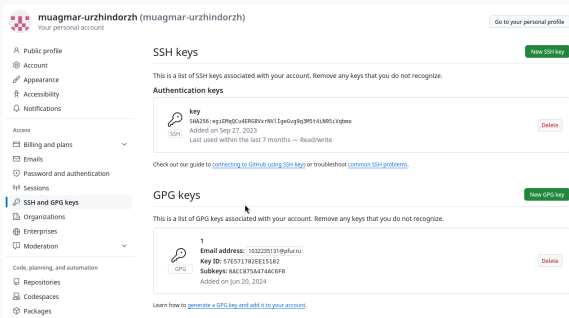
Процесс выполнения лабораторной работы

Глобальные параметры репозитория

```
murzhindorzh@murzhindorzh:~$  
murzhindorzh@murzhindorzh:~$  
murzhindorzh@murzhindorzh:~$  
murzhindorzh@murzhindorzh:~$ git config --global user.name "muagmar-urzhindorzh"  
murzhindorzh@murzhindorzh:~$ git config --global user.email "1032235131@pfur.ru"  
murzhindorzh@murzhindorzh:~$ git config --global core.quotePath false  
murzhindorzh@murzhindorzh:~$ git config --global init.defaultBranch master  
murzhindorzh@murzhindorzh:~$ git config --global core.autocrlf input  
murzhindorzh@murzhindorzh:~$ git config --global core.safecrlf warn  
murzhindorzh@murzhindorzh:~$
```

Рис. 1: Параметры репозитория

Добавляем GPG ключ в аккаунт



The screenshot shows the GitHub account settings page for user **muagmar-urzhindorzh**. The left sidebar contains navigation links: Public profile, Account, Appearance, Accessibility, Notifications, Access, Billing and plans, Emails, Password and authentication, Sessions, SSH and GPG keys (highlighted), Organizations, Enterprises, Moderation, Code, planning, and automation, Repositories, Codespaces, and Packages. The main content area is divided into two sections: SSH keys and GPG keys. The SSH keys section shows one key with a detailed description and a 'Delete' button. The GPG keys section shows one key with its ID, email address, and subkeys, also with a 'Delete' button. Both sections include links to guides for connecting keys and troubleshooting problems.

muagmar-urzhindorzh (muagmar-urzhindorzh)
Your personal account

Go to your personal profile

Public profile
Account
Appearance
Accessibility
Notifications

Access
Billing and plans
Emails
Password and authentication
Sessions

SSH and GPG keys
Organizations
Enterprises
Moderation


Code, planning, and automation
Repositories
Codespaces
Packages

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**
SHA256: egiCPeDCv4EPG2Rv/vWV1Ige0vgRq3f5N4iN0S1Vqme
Added on Sep 27, 2023
Last used within the last 7 months — Read/write


Delete

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

GPG keys

New GPG key

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

 **1**
Email address: 103225131@pfu.ru
Key ID: 57E571782E15182
Subkeys: BACC875A474AC6F8
Added on Jun 20, 2024

Delete

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

Рис. 2: GPG ключ

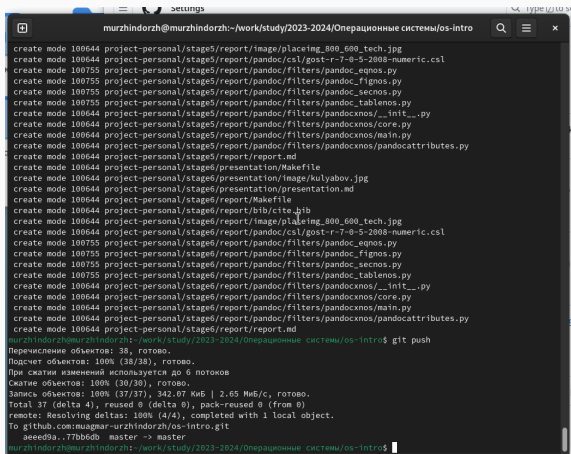
Настройка gh

```
murzhindorzh@murzhindorzh:~$ gh auth login
? What account do you want to log into? GitHub.com
? What is your preferred protocol for Git operations on this host? SSH
? Upload your SSH public key to your GitHub account? /home/murzhindorzh/.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: 8248-D192
Press Enter to open github.com 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/murzhindorzh/.ssh/id_rsa.pub
✓ Logged in as muagmar-urzhindorzh
murzhindorzh@murzhindorzh:~$
```

Рис. 3: Связь репозитория с аккаунтом

Подготовка репозитория



```
murzhindorz@murzhindorz:~/work/study/2023-2024/Операционные системы/os-intro$ git push
create mode 100644 project-personal/stage5/report/image/placeimg_800_600_tech.jpg
create mode 100644 project-personal/stage5/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100755 project-personal/stage5/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 project-personal/stage5/report/pandoc/filters/pandoc_fignos.py
create mode 100755 project-personal/stage5/report/pandoc/filters/pandoc_secnos.py
create mode 100755 project-personal/stage5/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 project-personal/stage5/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 project-personal/stage5/report/pandoc/filters/pandocxnos/core.py
create mode 100644 project-personal/stage5/report/pandoc/filters/pandocxnos/main.py
create mode 100644 project-personal/stage5/report/pandoc/filters/pandocxnos/pandocattributes.py
create mode 100644 project-personal/stage5/report/report.md
create mode 100644 project-personal/stage6/presentation/Makefile
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
create mode 100755 project-personal/stage6/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 project-personal/stage6/report/pandoc/filters/pandoc_fignos.py
create mode 100755 project-personal/stage6/report/pandoc/filters/pandoc_secnos.py
create mode 100755 project-personal/stage6/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/core.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/main.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/pandocattributes.py
create mode 100644 project-personal/stage6/report/report.md
murzhindorz@murzhindorz:~/work/study/2023-2024/Операционные системы/os-intro$ git push
Перечисление объектов: 38, готово.
Подсчет объектов: 100% (38/38), готово.
При сжатии изменений используется до 6 потоков
Сжатие объектов: 100% (30/30), готово.
Запись объектов: 100% (37/37), 342.07 КБ | 2.65 МБ/с, готово.
Total 37 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To github.com:muagmar-urzhindorz/os-intro.git
 aeed9a..77bb6db master -> master
murzhindorz@murzhindorz:~/work/study/2023-2024/Операционные системы/os-intro$
```

Рис. 4: Подготовка репозитория

Выводы по проделанной работе

Мы приобрели практические навыки работы с сервисом github.