

Управление версиями

Сатторов Икромджон Абдувохидович¹

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¹Российский Университет Дружбы Народов

Цели и задачи работы

Цель лабораторной работы

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

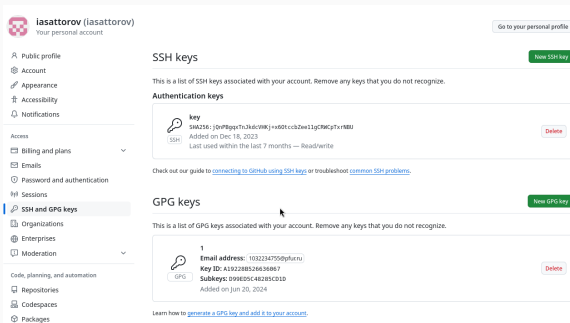
Процесс выполнения лабораторной работы

Глобальные параметры репозитория

```
iasattorov@iasattorov:~$  
iasattorov@iasattorov:~$  
iasattorov@iasattorov:~$ git config --global user.name "iasattorov"  
iasattorov@iasattorov:~$ git config --global user.email "i032234755@pfur.ru"  
iasattorov@iasattorov:~$ git config --global core.quotepath false  
iasattorov@iasattorov:~$ git config --global init.defaultBranch master  
iasattorov@iasattorov:~$ git config --global core.autocrlf input  
iasattorov@iasattorov:~$ git config --global core.safecrlf warn  
iasattorov@iasattorov:~$
```

Рис. 1: Параметры репозитория

Добавляем GPG ключ в аккаунт



The screenshot shows the GitHub account settings page for user 'iasattorov'. The left sidebar contains navigation links: Public profile, Account, Appearance, Accessibility, Notifications, Access (SSH, Billing and plans, Emails, Password and authentication, Sessions), SSH and GPG keys (highlighted), Organizations, Enterprises, and Moderation. The main content area is divided into two sections: 'SSH keys' and 'GPG keys'. The 'SSH keys' section shows one key with a public key string and a 'Delete' button. The 'GPG keys' section shows one key with email address, key ID, subkeys, and a 'Delete' button. Both sections have a 'New SSH key' or 'New GPG key' button in the top right corner.

SSH keys

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

Authentication keys

key	Delete
SHA256: jOnPBqqTnJkdcVWKj+x00tccb2w11gCmKpTxrNBu Added on Dec 18, 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

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

1	Delete
Email address: 1032234755@plur.ru Key ID: A19228B526636867 Subkeys: 099820548285CD1D 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

```
iasattorov@iasattorov:~$ gh auth login
iasattorov@iasattorov:~$
iasattorov@iasattorov:~$ 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/iasattorov/.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: B987-B02B
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/iasattorov/.ssh/id_rsa.pub
✓ Logged in as iasattorov
iasattorov@iasattorov:~$
```

Рис. 3: Связь репозитория с аккаунтом

Подготовка репозитория

```
create mode 100644 project-personal/stage6/report/pandoc/cst/gost-1-1-0-5-2000-nomer-test
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
iasattorov@iasattorov: /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% (38/38), готово.
Запись объектов: 100% (37/37), 342.07 КиБ | 2.36 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:iasattorov/os-intro.git
 34f042d..4a27355 master -> master
iasattorov@iasattorov: /work/study/2023-2024/Операционные системы/os-intro$
```

Рис. 4: Подготовка репозитория

Выводы по проделанной работе

Мы приобрели практические навыки работы с сервисом github.