

# Управление версиями

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# Цели и задачи работы

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# Цель лабораторной работы

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

# **Процесс выполнения лабораторной работы**

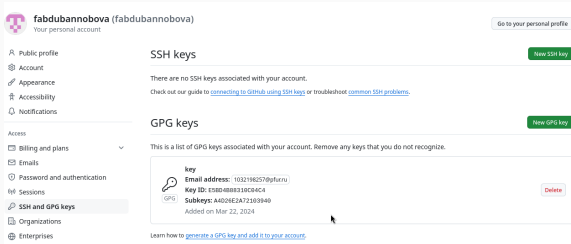
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# Глобальные параметры репозитория

```
fabdubannobova@fabdubannobova:~$  
fabdubannobova@fabdubannobova:~$ git config --global user.name "fabdubannobova"  
fabdubannobova@fabdubannobova:~$ git config --global user.email "1032198257@pfur.ru"  
fabdubannobova@fabdubannobova:~$ git config --global core.quotePath false  
fabdubannobova@fabdubannobova:~$ git config --global init.defaultBranch master  
fabdubannobova@fabdubannobova:~$ git config --global core.autocrlf input  
fabdubannobova@fabdubannobova:~$ git config --global core.safecrlf warn  
fabdubannobova@fabdubannobova:~$
```

Рис. 1: Параметры репозитория

# Добавляем GPG ключ в аккаунт



The screenshot shows the GitHub account settings page for user 'fabdubannobova'. 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, and Enterprises. The main content area is divided into two sections: 'SSH keys' and 'GPG keys'. The 'SSH keys' section has a 'New SSH key' button and a message stating 'There are no SSH keys associated with your account.' The 'GPG keys' section has a 'New GPG key' button and a message stating 'This is a list of GPG keys associated with your account. Remove any keys that you do not recognize.' Below this message is a table with one GPG key entry. The key details are: Email address: 1032196257@furu.ru, Key ID: E5BD4B8B310C84C4, Subkeys: A4D04E3A72103940, and it was added on Mar 22, 2024. A 'Delete' button is located to the right of the key entry. At the bottom of the GPG keys section, there is a link to 'Learn how to generate a GPG key and add it to your account.'

**fabdubannobova** (fabdubannobova)  
Your personal account

Public profile  
Account  
Appearance  
Accessibility  
Notifications


Access  
Billing and plans  
Emails  
Password and authentication  
Sessions  
**SSH and GPG keys**  
Organizations  
Enterprises

**SSH keys** [New SSH key](#)

There are no SSH keys associated with your account.  
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.

key
 <b>Email address:</b> 1032196257@furu.ru <b>Key ID:</b> E5BD4B8B310C84C4 <b>Subkeys:</b> A4D04E3A72103940 Added on Mar 22, 2024

[Delete](#)

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

Рис. 2: GPG ключ

# Настройка gh

```
fabdubannobova@fabdubannobova:~$  
fabdubannobova@fabdubannobova:~$ 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/fabdubannobova/.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: F2F3-075B  
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/fabdubannobova/.ssh/id_rsa.pub  
✓ Logged in as fabdubannobova  
fabdubannobova@fabdubannobova:~$
```

Рис. 3: Связь репозитория с аккаунтом

# Подготовка репозитория

```
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
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 КиБ | 3.46 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:fabdubannobova/os-intro.git
   dec4ee9..a15f5c1 master -> master
fabdubannobova@fabdubannobova: /work/study/2023-2024/Операционные системы/os-intro$
fabdubannobova@fabdubannobova: /work/study/2023-2024/Операционные системы/os-intro$
fabdubannobova@fabdubannobova: /work/study/2023-2024/Операционные системы/os-intro$
```

Рис. 4: Подготовка репозитория



## **Выводы по проделанной работе**

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Мы приобрели практические навыки работы с сервисом github.