

# Операционные системы

Управление версиями

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## Цели и задачи работы

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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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```
vlad@worker-node2:~/Pycharm$ git config --global user.name "vlad"  
vlad@worker-node2:~/Pycharm$ git config --global user.email "1032214217@rudn.university"  
vlad@worker-node2:~/Pycharm$ git config --global core.quotepath false  
vlad@worker-node2:~/Pycharm$ git config --global init.defaultBranch master  
vlad@worker-node2:~/Pycharm$ git config --global core.autocrlf input  
vlad@worker-node2:~/Pycharm$ git config --global core.safecrlf warn  
vlad@worker-node2:~/Pycharm$
```

Рис. 1: Параметры репозитория

## 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

1

Email address: 1032214217@rudn.university Unverified

Key ID: 949832A1F24056ED

Subkeys: 60F60C42C9449255

Added on May 29, 2025

Delete

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

## Vigilant mode

☐ **Flag unsigned commits as unverified**

This will include any commit attributed to your account but not signed with your GPG or S/MIME key.  
Note that this will include your existing unsigned commits.  
[Learn about vigilant mode.](#)

Рис. 2: GPG ключ

```
yusufsubanov@yusufsubanov:~$ 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/yusufsubanov/.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: 9608-BC91
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/yusufsubanov/.ssh/id_rsa.pub
✓ Logged in as yusufsubanov
! You were already logged in to this account
yusufsubanov@yusufsubanov:~$
```

Рис. 3: Связь репозитория с аккаунтом

# Подготовка репозитория

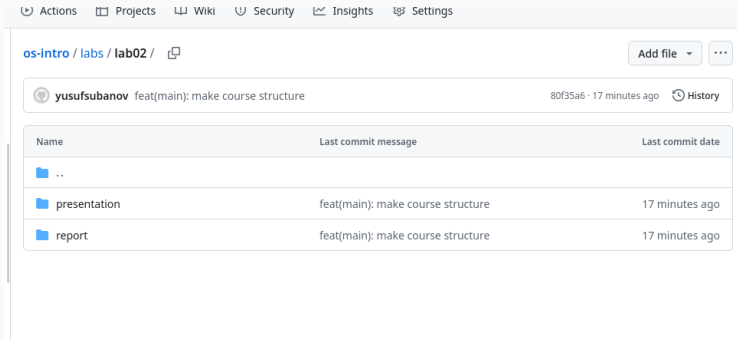


Рис. 4: Подготовка репозитория



## Выводы по проделанной работе

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Мы приобрели практические навыки работы с сервисом github.