

Управление версиями

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29 августа, 2024, Москва, Россия

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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.

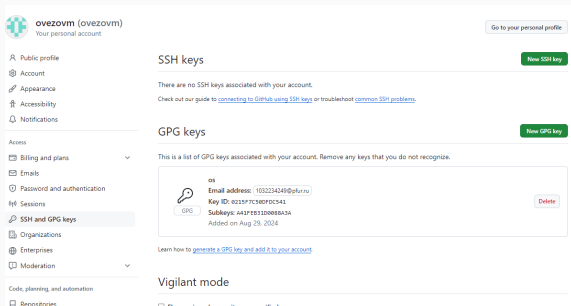
Процесс выполнения лабораторной работы

Глобальные параметры репозитория

```
movezov@movezov:~$  
movezov@movezov:~$ git config --global user.name "ovezovm"  
movezov@movezov:~$ git config --global user.email "1032234249@pfur.ru"  
movezov@movezov:~$ git config --global core.quotepath false  
movezov@movezov:~$ git config --global init.defaultBranch master  
movezov@movezov:~$ git config --global core.autocrlf input  
movezov@movezov:~$ git config --global core.safecrlf warn  
movezov@movezov:~$
```

Рис. 1: Параметры репозитория

Добавляем GPG ключ в аккаунт




The screenshot shows the 'ovezov.m (ovezov.m)' personal account settings page. 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, and Repositories. The main content area is divided into sections for SSH keys and GPG keys. The SSH keys section indicates no keys are associated and provides a link to a guide. The GPG keys section shows a list of keys with details for one key: Email address: 103234249@pl.ru, Key ID: 6215F7C86FDC541, Subkey: A412FE31D008BA5A, Added on Aug 29, 2024. A 'Delete' button is visible next to the key details. A link to learn how to generate a GPG key is also present.

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.

	os	
	Email address: 103234249@pl.ru	Delete
	Key ID: 6215F7C86FDC541	
	Subkey: A412FE31D008BA5A	
	Added on Aug 29, 2024	

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

Vigilant mode

☐ When connected, commit as untrusted

Рис. 2: GPG ключ

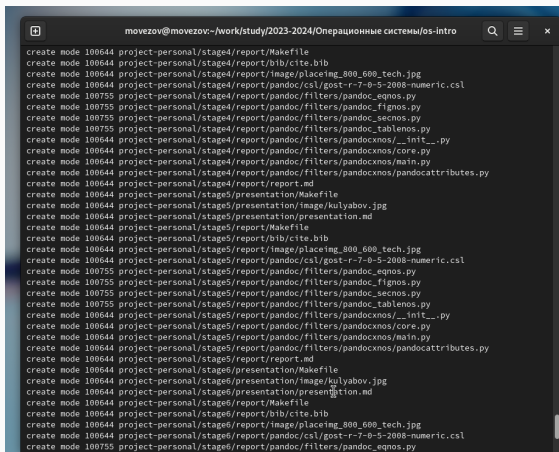
Настройка gh

```
movezov@movezov:~$ gh auth login
movezov@movezov:~$ 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/movezov/.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: 1023-7092
Press Enter to open github.com in your browser...
restorecon: SELinux: Could not get canonical path for /home/movezov/.mozilla/firefox/* restorecon: No such fi
le or directory.
/ Authentication complete.
- gh config set -h github.com git_protocol ssh
/ Configured git protocol
/ Uploaded the SSH key to your GitHub account: /home/movezov/.ssh/id_rsa.pub
/ Logged in as movezov
movezov@movezov:~$
```

Рис. 3: Связь репозитория с аккаунтом

Подготовка репозитория



```
movezov@movezov:~/work/study/2023-2024/Операционные системы/os-intro
create mode 100644 project-personal/stage4/report/Makefile
create mode 100644 project-personal/stage4/report/bib/cite.bib
create mode 100644 project-personal/stage4/report/image/placeimg_800_600_tech.jpg
create mode 100644 project-personal/stage4/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100755 project-personal/stage4/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 project-personal/stage4/report/pandoc/filters/pandoc_fignos.py
create mode 100755 project-personal/stage4/report/pandoc/filters/pandoc_secnos.py
create mode 100755 project-personal/stage4/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 project-personal/stage4/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 project-personal/stage4/report/pandoc/filters/pandocxnos/core.py
create mode 100644 project-personal/stage4/report/pandoc/filters/pandocxnos/main.py
create mode 100644 project-personal/stage4/report/pandoc/filters/pandocxnos/pandocattributes.py
create mode 100644 project-personal/stage4/report/report.md
create mode 100644 project-personal/stage5/presentation/Makefile
create mode 100644 project-personal/stage5/presentation/image/kulyabov.jpg
create mode 100644 project-personal/stage5/presentation/presentation.md
create mode 100644 project-personal/stage5/report/Makefile
create mode 100644 project-personal/stage5/report/bib/cite.bib
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
```

Рис. 4: Подготовка репозитория

Выводы по проделанной работе

Мы приобрели практические навыки работы с сервисом github.