

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

или понятии.
Смотрите «git help git» для получения общего обзора системы.
[mohamedlamine@fedora ~]\$ git config --global user.name "cisselamine00"
[mohamedlamine@fedora ~]\$ git config --global user.email "cisselamine035@gmail"
[mohamedlamine@fedora ~]\$ git config --global core.quotepath false
[mohamedlamine@fedora ~]\$ git config --global init.defaultBranch master
[mohamedlamine@fedora ~]\$ git config --global core.autocrlf input
[mohamedlamine@fedora ~]\$ git config --global core.safecrlf warn
[mohamedlamine@fedora ~]\$

Figure 1: Параметры репозитория

Добавляем GPG ключ в аккаунт

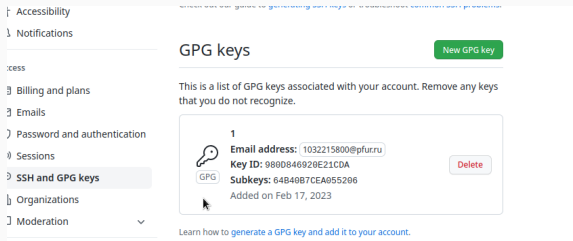


Figure 2: GPG ключ

Настройка gh

```
(mohamedlamine@fedora ~)$ gh auth login
You're already logged into github.com. Do you want to re-authenticate? Yes
What is your preferred protocol for Git operations? SSH
Upload your SSH public key to your GitHub account? /home/mohamedlamine/.ssh/id_rsa.pub
Title for your SSH key: github cli
How would you like to authenticate GitHub CLI? Login with a web browser

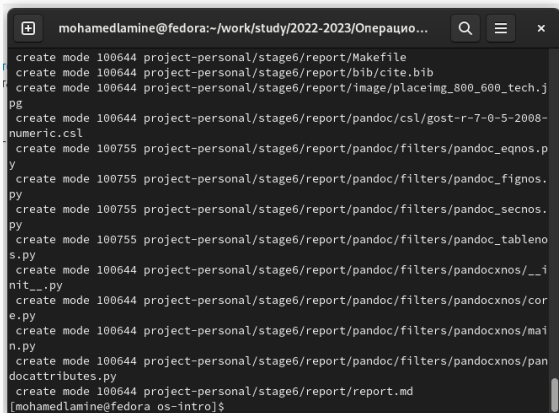
First copy your one-time code: 3995-2340
Press Enter to open github.com in your browser...
Authentication complete.
gh config set -h github.com git_protocol ssh
Configured git protocol
Uploaded the SSH key to your GitHub account: /home/mohamedlamine/.ssh/id_rsa.p
ab
Logged in as cisselamine00
(mohamedlamine@fedora ~)$
```

Congratulations, you're all set!

Your device is now connected.

Figure 3: Связь репозитория с аккаунтом

Подготовка репозитория

A terminal window with a dark background. The title bar shows the user 'mohamedlamine@fedora' and the current directory '~/work/study/2022-2023/Операцио...'. The terminal displays a single line of a git commit command, listing various files and their permissions and modes. The command is: 'git commit -m "add report" -a'. The files listed include 'Makefile', 'bib/cite.bib', 'image/placeimg_800_600_tech.jpg', 'pandoc/csl/gost-r-7-0-5-2008-numeric.csl', and several files in the 'pandoc/filters/' directory, ending with 'report.md'. The prompt at the bottom is '[mohamedlamine@fedora os-intro]\$'.

```
mohamedlamine@fedora:~/work/study/2022-2023/Операцио...
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.j
pg
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.p
y
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_tableno
s.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/__i
nit__.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/cor
e.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/mai
n.py
create mode 100644 project-personal/stage6/report/pandoc/filters/pandocxnos/pa
docattributes.py
create mode 100644 project-personal/stage6/report/report.md
[mohamedlamine@fedora os-intro]$
```

Figure 4: Подготовка репозитория

Выводы по проделанной работе

Мы приобрели практические навыки работы с сервисом github.