

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ

Факультет физико-математических и естественных наук

Кафедра прикладной информатики и теории вероятностей

ОТЧЕТ

ПО ЛАБОРАТОРНОЙ РАБОТЕ № 2

дисциплина: Архитектура компьютера

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Группа: НБИ-01-24

МОСКВА

2024 г.

Цель работы

Целью работы является изучить идеологию и применение средств контроля версий. Приобрести практические навыки по работе с системой git.

Ход работы

Регистрируюсь на гитхабе

Нахожу шаблонный репозиторий и создаю из него свой.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Repository template

 yamadharma/course-directory-student-template ▾

Start your repository with a template repository's contents.

☐ Include all branches

Copy all branches from yamadharma/course-directory-student-template and not just the default branch.

Owner *

 AMuhammadayub ▾

Repository name *

/ arch-pd

✓ arch-pc is available.

Great repository names are short and memorable. Need inspiration? How about [expert-chainsaw](#) ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.

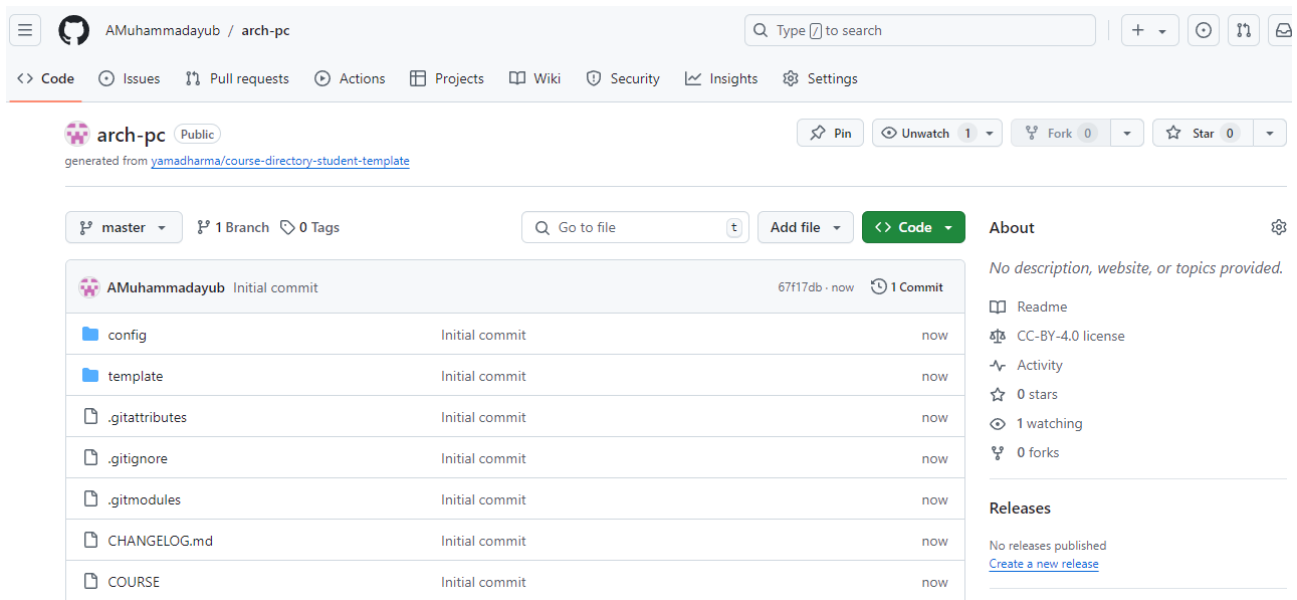


Private

You choose who can see and commit to this repository.

 You are creating a public repository in your personal account.

Create repository



Установил программу гит


Сначала сделаем предварительную конфигурацию git, создаю пользователя и ставлю параметры.

```
muabduhalilov@Ubuntu:~$  
muabduhalilov@Ubuntu:~$ git config --global user.name "AMuhammadayub"  
  
muabduhalilov@Ubuntu:~$ git config --global user.email "1032249153@pfur.ru"  
muabduhalilov@Ubuntu:~$ git config --global core.quotepath false  
muabduhalilov@Ubuntu:~$ git config --global init.defaultBranch master  
muabduhalilov@Ubuntu:~$ git config --global core.autocrlf input  
muabduhalilov@Ubuntu:~$ git config --global core.safecrlf warn  
muabduhalilov@Ubuntu:~$
```

Далее создаю ключи для идентификации.

```
Enter same passphrase again:  
Your identification has been saved in /home/muabduhalilov/.ssh/id_rsa  
Your public key has been saved in /home/muabduhalilov/.ssh/id_rsa.pub  
The key fingerprint is:  
SHA256:RYpqPA5PBWeVys4NHp/Q/FVcXbxqHvNF4FsXntTSe60 AMuhammadayub 1032249153@pfur.ru  
The key's randomart image is:  
+---[RSA 3072]---+  
| . O . . . . . + * |  
| + .. O      =O= |  
| .O+ . .   OOO* |  
| . O* O . .  =* |  
| . *+ *So .  =O |  
| * .+ + .  =E  |  
| O      O + .  |  
| . .          |  
+---[SHA256]-----+  
muabduhalilov@Ubuntu:~$
```

И добавляю ключ в профиль на гитхабе



AMuhammadayub (AMuhammadayub)

Your personal account

Public profile

Account

Appearance

Accessibility

Notifications

Access

Billing and plans

Emails

Password and authentication

Sessions

SSH and GPG keys

Organizations

Enterprises

Moderation

Go to your personal profile

Add new SSH Key

Title

arch-pc

Key type

Authentication Key

Key

ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQGCxG63Hkvy5soZask+0RvMjza/6Mo6ewOiu7Get7JkFJHxmyUpUbKtoqhPk3YRVhYPIIjc+bWgFTj6TihELRqbsjR3Nr5oTKXPpjAiiBSgTU+u40k79MQd9r5zegmLPpINkxfujvdveU7jQMkKYi/+IF+6PlpdlaYz6sRioSDNBQjSQHV9ZnccG+OaA8wL8NNAV8KJrOE0pLYI1zjfuHrTV8Mo/76cRXvEvsOfp/F0S3B3zUEfliu4Hqw+McvEckpZ8OelOoe9aJ/EADjmCfjBgxcGexKRTxeaD5fDKvvh3MMm3u3Ax2ypKoW6+0VAdK6rQOwMuG+7aMrTx/p8vJewy+QZdN7P9pVq+/vNEiu0A7hnciv4Nv0b0uqnFeVpmm2WGsPgOjDERAeE5PmreW2yJlUujvUJWI91UzeHEVNYejhGxN5rhPXU1IBL1h8QwGBYqQfm7ahxhn/pg1Hc76nHe5QUFSn3VXXKXDbxsGA4+yTsRqmscjTwuwrWoOyySvSU= AMuhammadayub 1032249153@pfur.ru

Add SSH key

Теперь я создаю рабочий каталог и клонирую туда репозиторий с гитхаба.

```
muabduhalilov@ubuntu:~$  
muabduhalilov@ubuntu:~$ mkdir -p ~/work/study/2024-2025/"Архитектура компьютера"  
muabduhalilov@ubuntu:~$ cd ~/work/study/2024-2025/"Архитектура компьютера"  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера$ git clone --recursive git@github.com:AMuhammadayub/arch-pc.git  
Cloning into 'arch-pc'...  
  
The authenticity of host 'github.com (140.82.121.4)' can't be established.  
ECDSA key fingerprint is SHA256:p2QAMXNIC1TJYWeI0trVc98/R1BUFWu3/LiyKgUfQM.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added 'github.com,140.82.121.4' (ECDSA) to the list of known hosts.  
remote: Enumerating objects: 33, done.  
remote: Counting objects: 100% (33/33), done.  
remote: Compressing objects: 100% (32/32), done.  
remote: Total 33 (delta 1), reused 18 (delta 0), pack-reused 0 (from 0)  
Receiving objects: 100% (33/33), 18.81 KiB | 3.76 MiB/s, done.
```

Создаю курс

```
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера$  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера$ cd ~/work/study/2024-2025/"Архитектура компьютера"/arch-pc  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ rm package.json  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ echo arch-pc > COURSE  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ ls  
CHANGELOG.md  COURSE  Makefile  README.git-flow.md  template  
config        LICENSE  README.en.md  README.md  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ make prepare  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ ls  
CHANGELOG.md  COURSE  LICENSE  prepare  README.en.md  README.md  
config        labs    Makefile  presentation  README.git-flow.md  template  
muabduhalilov@ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$
```

Отправляю в гитхаб

```
create mode 100044 presentation/report/pandoc/cst/gost-r-7-0-3-2008-numer-ic.cst
create mode 100755 presentation/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_fignos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_secnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/core.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/main.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/pandocattributes.py
create mode 100644 presentation/report/report.md
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ git push
Enumerating objects: 37, done.
Counting objects: 100% (37/37), done.
Delta compression using up to 6 threads
Compressing objects: 100% (29/29), done.
Writing objects: 100% (35/35), 341.27 KiB | 2.60 MiB/s, done.
Total 35 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To github.com:AMuhammadayub/arch-pc.git
67f17db..94284f6 master -> master
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$
```

master 1 Branch 0 Tags

Go to file

Add file

<> Code

About

AMuhammadayub feat(main): make course structure 94284f6 · now 2 Commits

config	Initial commit	3 minutes ago
labs	feat(main): make course structure	now
presentation	feat(main): make course structure	now
template	Initial commit	3 minutes ago
.gitattributes	Initial commit	3 minutes ago
.gitignore	Initial commit	3 minutes ago
.gitmodules	Initial commit	3 minutes ago

No description, website, or topics provided

Readme

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Activity

0 stars

1 watching

0 forks

Releases

No releases published

[Create a new release](#)

Загружаю отчет на гитхаб.

```
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ git add .
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ git commit -am 'make lab01'
[master 2fb9ce5] make lab01
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 labs/lab01/report/Абдухалилов отчет 1.pdf
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$ git push
Warning: Permanently added the ECDSA host key for IP address '140.82.121.3' to the list of known hosts.
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 6 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 888.72 KiB | 5.81 MiB/s, done.
Total 6 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:AMuhammadayub/arch-pc.git
94284f6..2fb9ce5 master -> master
muabduhalilov@Ubuntu:~/work/study/2024-2025/Архитектура компьютера/arch-pc$
```

Вывод:

В ходе выполнения работы изучили работу с GitHub.