

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ
Факультет физико-математических и естественных наук
Кафедра прикладной информатики

**ОТЧЕТ
ПО ЛАБОРАТОРНОЙ РАБОТЕ № 3**

Дисциплина: Архитектура компьютера

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МОСКВА
2023 г.

Цель работы

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

Ход работы

Создаю учетную запись на GitHub

Создаю репозиторий на основе шаблона преподавателя

Create a new repository from course-directory-student-template

The new repository will start with the same files and folders as [yamadharm/course-directory-student-template](#).

Owner * kdzhosef / Repository name * arch-pd ✓

Great repository names are available. Need inspiration? How about [verbose-octo-journey](#)?

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.

☐ Include all branches
Copy all branches from yamadharm/course-directory-student-template and not just master.

i You are creating a public repository in your personal account.

Create repository from template

Конфигурация пользователя

```
kdzhosef@kdzhosef-VirtualBox: ~  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global user.name "kdzhosef"  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global user.email "1132215410@pfur.ru"  
kdzhosef@kdzhosef-VirtualBox:~$  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global core.quotepath false  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global init.defaultBranch master  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global core.autocrlf input  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global core.safecrlf warn  
kdzhosef@kdzhosef-VirtualBox:~$
```

SSH ключ для работы с репозиторием


```
kdzhosef@kdzhosef-VirtualBox: ~  
kdzhosef@kdzhosef-VirtualBox:~$ git config --global core.safecrlf warn  
kdzhosef@kdzhosef-VirtualBox:~$ ssh-keygen -C "kdzhosef 1132215410@pfur.ru"  
Generating public/private rsa key pair.  
Enter file in which to save the key (/home/kdzhosef/.ssh/id_rsa):  
Created directory '/home/kdzhosef/.ssh'.  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /home/kdzhosef/.ssh/id_rsa  
Your public key has been saved in /home/kdzhosef/.ssh/id_rsa.pub  
The key fingerprint is:  
SHA256:mw/j9RWPM+d0pADLdPso9PasN9mgvDyYiLlvMe1ueBI kdzhosef 1132215410@pfur.ru  
The key's randomart image is:  
+---[RSA 3072]-----+  
|  
|  o .  
| o + .  
| S.+ o . .  
| E+.. +.*  
| o=Bo++.=++  
| o.==*=+++++  
| .+O=O ===+. |  
+-----[SHA256]-----+  
kdzhosef@kdzhosef-VirtualBox:~$
```

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Authentication Keys



1

SHA256:mw/j9RWPM+d0pADLdPso9PasN9mgvDyYiLlvMe1ueBI

Added on Jan 8, 2023

Never used — Read/write

Delete

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH problems](#).

Клонировали репозиторий на компьютер

```
kdzhosef@kdzhosef-VirtualBox: ~/work/study/2022-2023/Архитектура компьютера$
remote: Compressing objects: 100% (25/25), done.
remote: Total 26 (delta 0), reused 17 (delta 0), pack-reused 0
Receiving objects: 100% (26/26), 16.39 KiB | 5.46 MiB/s, done.
Submodule 'template/presentation' (https://github.com/yamadharm/academic-presentation-markdown-template.git) registered for path 'template/presentation'
Submodule 'template/report' (https://github.com/yamadharm/academic-laboratory-report-template.git) registered for path 'template/report'
Cloning into '/home/kdzhosef/work/study/2022-2023/Архитектура компьютера/arch-pc/template/presentation'...
remote: Enumerating objects: 71, done.
remote: Counting objects: 100% (71/71), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 71 (delta 23), reused 68 (delta 20), pack-reused 0
Cloning into '/home/kdzhosef/work/study/2022-2023/Архитектура компьютера/arch-pc/template/report'...
remote: Enumerating objects: 78, done.
remote: Counting objects: 100% (78/78), done.
remote: Compressing objects: 100% (52/52), done.
remote: Total 78 (delta 31), reused 69 (delta 22), pack-reused 0
Submodule path 'template/presentation': checked out '2703b47423792d472694aaf7555a5626dce51a25'
Submodule path 'template/report': checked out 'df7b2ef80f8def3b9a496f8695277469a1a7842a'
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера$
```

Оформили курс по шаблону и загрузили в сетевой репозиторий

```
kdzhosef@kdzhosef-VirtualBox: ~/work/study/2022-2023/Архитектура компьютера$  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера$ cd ~  
/work/study/2022-2023/"Архитектура компьютера"/arch-pc  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$ rm package.json  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$ echo arch-pc > COURSE  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$ make  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$
```

```
kdzhosef@kdzhosef-VirtualBox: ~/work/study/2022-2023/Ар...  
create mode 100644 labs/lab10/report/report.md  
create mode 100644 labs/lab11/presentation/Makefile  
create mode 100644 labs/lab11/presentation/image/kulyabov.jpg  
create mode 100644 labs/lab11/presentation/presentation.md  
create mode 100644 labs/lab11/report/Makefile  
create mode 100644 labs/lab11/report/bib/cite.bib  
create mode 100644 labs/lab11/report/image/placeimg_800_600_tech.jpg  
create mode 100644 labs/lab11/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl  
create mode 100644 labs/lab11/report/report.md  
delete mode 100644 package.json  
create mode 100644 prepare  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$ git push  
Enumerating objects: 22, done.  
Counting objects: 100% (22/22), done.  
Delta compression using up to 6 threads  
Compressing objects: 100% (16/16), done.  
Writing objects: 100% (20/20), 310.94 KiB | 2.96 MiB/s, done.  
Total 20 (delta 1), reused 0 (delta 0)  
remote: Resolving deltas: 100% (1/1), completed with 1 local object.  
To github.com:kdzhosef/arch-pc.git  
ce1d6c4..0a7d59a master -> master  
kdzhosef@kdzhosef-VirtualBox:~/work/study/2022-2023/Архитектура компьютера/arch-  
pc$
```

Вывод:

В ходе выполнения работы изучили работу с GitHub.