

**РОССИЙСКИЙ УНИВЕРСИТЕТ
ДРУЖБЫ НАРОДОВ**

**Факультет физико-математических и естественных наук
Кафедра прикладной информатики и теории вероятностей**

**ОТЧЕТ
ПО ЛАБОРАТОРНОЙ РАБОТЕ
№ 2**

дисциплина: Операционные системы

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Группа:

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Указания к лабораторной работе Система контроля версий Git представляет собой набор программ командной строки. Доступ к ним можно получить из терминала посредством ввода команды git с различными опциями.

```
jeffrey@jeffrey-VirtualBox:~$ mkdir .ssh
mkdir: cannot create directory '.ssh': File exists
jeffrey@jeffrey-VirtualBox:~/.ssh$ ssh-keygen -C " jeffrey rodriguez <103219908
jeffrey@jeffrey-VirtualBox:~/.ssh$ ssh-keygen -C "jeffrey rodriguez <1032199080
>"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/jeffrey/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/jeffrey/.ssh/id_rsa
Your public key has been saved in /home/jeffrey/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:QSmv0GtY/gTqF6jK1Lc11SRiThs8D9xsLL36+1FzE2E jeffrey rodriguez <103219908
0>
The key's randomart image is:
+---[RSA 3072]-----+
|      ..      E |
|      +.+      . |
|      .%.= o   . |
|      . B %.*   . |
|      B BS* .   + |
|      . + * + . . + |
|      . + o *   . . |
| o . o + o   . . |
| .o o   ...   |
+---[SHA256]-----+
jeffrey@jeffrey-VirtualBox:~/.ssh$
```

```
jeffrey@jeffrey-VirtualBox:~/.ssh$ ls
id_rsa id_rsa.pub
jeffrey@jeffrey-VirtualBox:~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDm5TzsJvcZdMtxfpavspu62+coRNvedB9HH5MOMP
X0h04q2WI/GP3TlfxQGc+nX2Rxxd2ghEkmU0Y95FmE8DFefz4vkFRkQrKZfpIN/44xGBj+lb0tHhrX2
crULcdvH8eq9W41B/u3seiSTd9/I2sIBh7QSRprCp8+F5LY+G3MUT0soBpJs1PL570yW81sB9u0xZQr
9+9wmJKSgYwzHzGqW0dAJDYNyeY8rcDj268+bHE69Y9TrX2smylG68/ukkcavxcYJChMmMj19IBfCc
THdYyz/Pp0EsGQ9iUAzVYUx4GG7RuyiqPavaTUp3n+4Qy5KI+/x61jiKnapUzz/nUvOcTa/+gqZ5b+H
JRRxBsXCiXQNdW6ab54BikTk5pmwtC8BXLN6vv92sby31n80xxT2pmZD2cfutfBKjsw7EyX4xS2D3II
LVFHiVPm4lpWR4SntBwnAxMZ7FMfDNfWBX/bQreu74AFPJpqyHoRyA37emIaVGJ7X0n8gYQ0SM0nc=
jeffrey rodriguez <1032199080>
jeffrey@jeffrey-VirtualBox:~/.ssh$ cd
jeffrey@jeffrey-VirtualBox:~$ cd laboratory
bash: cd: laboratory: No such file or directory
jeffrey@jeffrey-VirtualBox:~$ cd
jeffrey@jeffrey-VirtualBox:~$ mkdir laboratory
jeffrey@jeffrey-VirtualBox:~$ cd laboratory
jeffrey@jeffrey-VirtualBox:~/laboratory$
```

```
Processing triggers for man-db (2.9.1-1) ...
jeffrey@jeffrey-VirtualBox:~/laboratory$ git init
Initialized empty Git repository in /home/jeffrey/laboratory/.git/
jeffrey@jeffrey-VirtualBox:~/laboratory$ echo "# laboratory works #" >> README.
md
jeffrey@jeffrey-VirtualBox:~/laboratory$ git add README.md
jeffrey@jeffrey-VirtualBox:~/laboratory$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   README.md

jeffrey@jeffrey-VirtualBox:~/laboratory$
```

```
jeffrey@jeffrey-VirtualBox:~$ cd
jeffrey@jeffrey-VirtualBox:~$ mkdir laboratory
jeffrey@jeffrey-VirtualBox:~$ cd laboratory
jeffrey@jeffrey-VirtualBox:~/laboratory$ git init

Command 'git' not found, but can be installed with:

sudo apt install git

jeffrey@jeffrey-VirtualBox:~/laboratory$ sudo apt install git
[sudo] password for jeffrey:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  git-man liberror-perl
Suggested packages:
  git-daemon-run | git-daemon-sysvinit git-doc git-el git-email git-gui gitk
  gitweb git-cvs git-mediawiki git-svn
The following NEW packages will be installed:
  git git-man liberror-perl
0 upgraded, 3 newly installed, 0 to remove and 126 not upgraded.
Need to get 5 468 kB of archives.
After this operation, 38,4 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ru.archive.ubuntu.com/ubuntu focal/main amd64 liberror-perl all 0.
17029-1 [26,5 kB]
Get:2 http://ru.archive.ubuntu.com/ubuntu focal-updates/main amd64 git-man all
```

```
jeffrey@jeffrey-VirtualBox:~/laboratory$ git config --global user.name "jeffrey"
jeffrey@jeffrey-VirtualBox:~/laboratory$ git config --global user.email "jeffrey1780@hotmail.com"
jeffrey@jeffrey-VirtualBox:~/laboratory$ git commit -m "first commit"
[master (root-commit) d13c39e] first commit
1 file changed, 1 insertion(+)
 create mode 100644 README.md
jeffrey@jeffrey-VirtualBox:~/laboratory$
```

```
jeffrey@jeffrey-VirtualBox:~/laboratory$ git push -u origin master
git@github.com: Permission denied (publickey).
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
jeffrey@jeffrey-VirtualBox:~/laboratory$ wget https://creativecommons.org/licenses/by/4.0/legalcode.txt
--2021-05-01 22:50:06-- https://creativecommons.org/licenses/by/4.0/legalcode.txt
Resolving creativecommons.org (creativecommons.org)... 104.20.150.16, 104.20.151.16, 172.67.34.140, ...
Connecting to creativecommons.org (creativecommons.org)|104.20.150.16|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/plain]
Saving to: 'legalcode.txt'

legalcode.txt          [ <=>          ] 18,22K  --.-KB/s   in 0s

2021-05-01 22:50:07 (96,3 MB/s) - 'legalcode.txt' saved [18657]
```



```
jeffrey@jeffrey-VirtualBox:~/laboratory$ sudo apt install curl
[sudo] password for jeffrey:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 87 not upgraded.
Need to get 161 kB of archives.
After this operation, 411 kB of additional disk space will be used.
Get:1 http://ru.archive.ubuntu.com/ubuntu focal-updates/main amd64 curl amd64 7
.68.0-1ubuntu2.5 [161 kB]
Fetched 161 kB in 1s (136 kB/s)
Selecting previously unselected package curl.
(Reading database ... 184001 files and directories currently installed.)
Preparing to unpack .../curl_7.68.0-1ubuntu2.5_amd64.deb ...
Unpacking curl (7.68.0-1ubuntu2.5) ...
Setting up curl (7.68.0-1ubuntu2.5) ...
Processing triggers for man-db (2.9.1-1) ...
jeffrey@jeffrey-VirtualBox:~/laboratory$ curl -L -s https://www.gitignore.io/ap
i/list
1c,1c-bitrix,a-frame,actionscript,ada
adobe,advancedinstaller,adventuregamestudio,agda,al
alteraquartusii,altium,amplify,android,androidstudio
angular,anjuta,ansible,apachecordova,apachehadoop
appbuilder,appcelerator titanium,appcode,appcode+all,appcode+iml
appengine,aptanastudio,arcanist,archive,archives
xcodeinjection,xilinx,xilinxise,xilinxvivado,xill
xojo,xtext,y86,yarn,yeoman
yii,yii2,zendframework,zephir,zig
zsh,zukencr8000jeffrey@jeffrey-VirtualBox:~/laboratory$
jeffrey@jeffrey-VirtualBox:~/laboratory$ git add .
jeffrey@jeffrey-VirtualBox:~/laboratory$ git commit -am "second commit"
[master 78e05c1] second commit
1 file changed, 396 insertions(+)
create mode 100644 legalcode.txt
jeffrey@jeffrey-VirtualBox:~/laboratory$ git add .
jeffrey@jeffrey-VirtualBox:~/laboratory$ git commit -am "second commit"
[master 78e05c1] second commit
1 file changed, 396 insertions(+)
create mode 100644 legalcode.txt
```

Не следует путать с GitHub - веб-сайтом для размещения git-репозитория и совместной разработки.

Не следует путать с GitLab - веб-сайтом для размещения git-репозитория и совместной разработки.

```
jeffrey@jeffrey-VirtualBox:~/laboratory$ git "flow release start 1.0.0"
git: 'flow release start 1.0.0' is not a git command. See 'git --help'.
jeffrey@jeffrey-VirtualBox:~/laboratory$ echo "1.0.0">> VERSION
jeffrey@jeffrey-VirtualBox:~/laboratory$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add
jeffrey@jeffrey-VirtualBox:~/laboratory$ git add .
jeffrey@jeffrey-VirtualBox:~/laboratory$ git commit -am'chore(main): add version
n
> git flow release start 1.0.0
>
>
>
> hj
>
> \BDFHZ
>
> '
[master e62fd91] chore(main): add version git flow release start 1.0.0
1 file changed, 1 insertion(+)
create mode 100644 VERSION
jeffrey@jeffrey-VirtualBox:~/laboratory$
```