РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ

Факультет физико-математических и естественных наук

Кафедра прикладной информатики и теории вероятностей

ПРЕЗЕНТАЦИЯ

ЛАБОРАТОРНОЙ РАБОТЫ № 2

дисциплина: Операционные системы

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Группа: НФИбд-02-20

Москва

2021

Создание учетной записи

```
aaurchenko@aaurchenko:~$ sshs
sshssh-keygen: команда не най
aaurchenko@aaurchenko:~$ ssh-
ique3@gmail.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/aaurchenko/.ssh/id
_rsa):
Created directory '/home/aaurchenko/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/aaurchenko/.ssh/i
d_rsa.
Your public key has been saved in /home/aaurchenko/.ssh/id_rs
a.pub.
The key fingerprint is:
SHA256:N1IuqYo5jVPWry9B1GVHSm0YHPfN20jaU1rdZFpLfIM Tema Yurch
enko temaunique3@gmail.com
The key's randomart image is:
+---[RSA 2048]----+
|      . o**+ o.+|
|     . .oo+oE.X=|
|      .  o.  +.X|
|      . +   + =o|
|     o  S + . =..|
|    o o. + .   .|
|    = .o      |
|  +o... .       |
|  oo. .+.       |
+-  -[SHA256]-----+
aaurchenko@aaurchenko:~$ cat ~/.ssh/id_rsa.pub | xclip -sel c
lip
```

```
aaurchenko@aaurchenko:~$ cat ~/.ssh/id_rsa.pub | xclip -sel c
lip
```

SSH keys / Add new

Title

Key

ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAABgQDlioaOzD6qXhjWxixpiNYQldp5OxqlecdU3TTbt5q2gykG92RfOBhnDvw
WWABwiZnuDN9AosepPfMVxuGx49E06O2ARdT183OTPJHdv7e/phrgvxLNTmRMMKdGQgkCvswGzSRKS+WsLXTal
h014RDfC7dg7fsvlm1YT7IPx6p1FIA6xjTt474nMkDs3iqlZolxc
/JHMXNOaUURzoYThC748sOv0eP6tBrjsM0+BEAK6QfPGDE0DyxMn0ZMiE4xzzYSFFX0zlFAV21
/zU67g6njWedkrzcy+ecZs9plKc3FAGyDR9Uut/KvZJev3PMh+aGmKts0/yohv6QAZVkaSgMf+EYBNi3B3JPT
/Zx/3E0qHI5G+/L+5PZ9RQTjka+0GlZwOmRZVXJw99WXmiVHiylSep624Xb8I+7+EePGyxr01U7VfBxRH
/blxuAVCYqcFjDdPb2w7L3eUo30rj6zn7ZaJpg2DBxwiLG3X9OfqyaHQ/sZb0egtCi4gQuHN5yeq3k= Tema Urchenko
temaunique3@gmail.com

Add SSH key

SSH keys

New SSH key

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

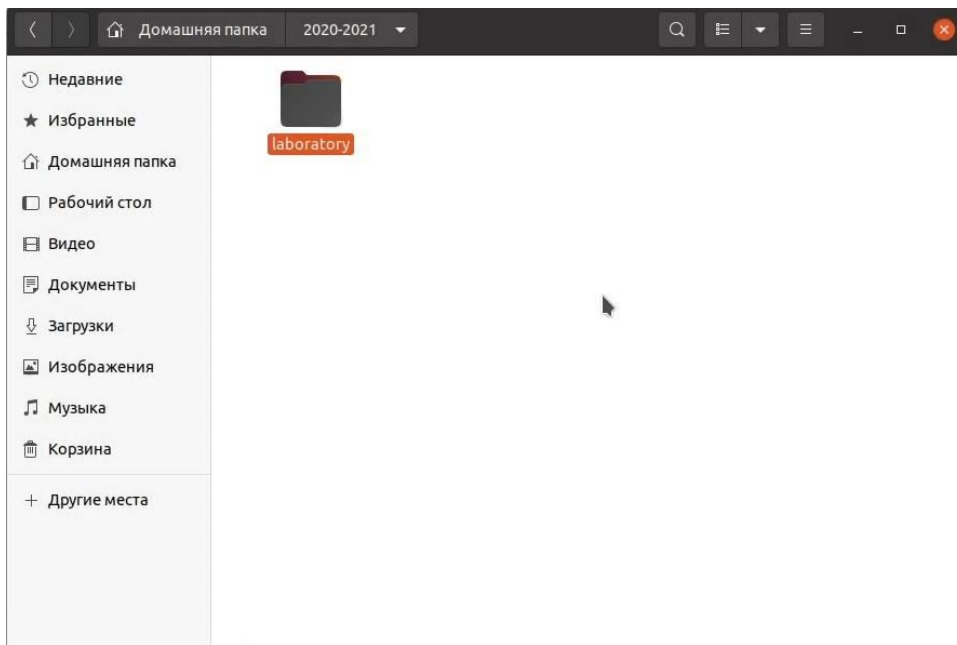**aaurchenko**
SHA256:haY3hqBU81FAZMOQ5ooLFRdsLQSuhMXtAxhB9XaPCqU
SSH Added on 27 Oct 2021
Never used — Read/write

Delete

Check out our guide to **generating SSH keys** or troubleshoot **common SSH problems**.

Создание структуры каталога

Инициализации системы git, создание первого коммита

```
aaurchenko@aau:~/2020-2021/laboratory$ git init
Инициализирован пустой репозиторий Git в /home/aaurchenko/2020-2021/laboratory/.
git/
aaurchenko@aau:~/2020-2021/laboratory$ echo echo "# Лабораторные работы" >> READ
ME.md
aaurchenko@aau:~/2020-2021/laboratory$ echo "# Лабораторные работы" >> README.md
aaurchenko@aau:~/2020-2021/laboratory$ git add README.md
aaurchenko@aau:~/2020-2021/laboratory$ git commit -m "first commit"
```

Создание первичной конфигурации

```
aaurchenko@aau:~/2020-2021/laboratory$ wget https://creativecommons.org/licenses
/by/4.0/legalcode.txt -O LICENSE
--2021-10-27 21:52:28--  https://creativecommons.org/licenses/by/4.0/legalcode.t
xt
Распознаётся creativecommons.org (creativecommons.org)... 104.20.150.16, 104.20.
151.16, 172.67.34.140, ...
Подключение к creativecommons.org (creativecommons.org)|104.20.150.16|:443... со
единение установлено.
HTTP-запрос отправлен. Ожидание ответа... 200 OK
Длина: нет данных [text/plain]
Сохранение в каталог: ««LICENSE»».

LICENSE                    [ <=>                ]  18,22K  --.-KB/s    за 0s

2021-10-27 21:52:28 (50,8 MB/s) - «LICENSE» сохранён [18657]
```

```
scala,scheme,scons,scrivener,sdcc
seamgen,senchatouch,serverless,shopware,silverstripe
sketchup,slickedit,smalltalk,snap,snapcraft
solidity,soliditytruffle,sonar,sonarqube,sourcepawn
spark,splunk,spreadsheet,ssh,standardml
stata,stdlib,stella,stellar,storybookjs
strapi,stylus,sublimetext,sugarcrm,svn
swift,swiftpackagemanager,swiftpm,symfony,symphonycms
synology,synopsysvcs,tags,tarmainstallmate,terraform
terragrunt,test,testcomplete,testinfra,tex
text,textmate,textpattern,theos-tweak,thinkphp
tla+,tortoisegit,tower,turbogears2,twincat3
tye,typings,typo3,typo3-composer,umbraco
unity,unrealengine,vaadin,vagrant,valgrind
vapor,venv,vertx,video,vim
virtualenv,virtuoso,visualstudio,visualstudiocode,vivado
vlab,vs,vue,vuejs,vvvv
waf,wakanda,web,webmethods,webstorm
webstorm+all,webstorm+iml,werckercli,windows,wintersmith
wordpress,wyam,xamarinstudio,xcode,xcodeinjection
xilinx,xilinxise,xilinxvivado,xill,xojo
xtext,y86,yalc,yarn,yeoman
yii,yii2,zendframework,zephir,zig
zsh,zukencr8000aaurchenko@aau:~/2020-2021/laboratory$
```

```
zsh,zukencr8000aaurchenko@aau:~/2020-2021/laboratory$ curl -L -s https://www.git
ignore.io/api/c++ >> .gitignore
aaurchenko@aau:~/2020-2021/laboratory$ git add .
aaurchenko@aau:~/2020-2021/laboratory$ git commit -a
```

Конфигурация git-flow

```
aaurchenko@aau:~/2020-2021/laboratory$ git flow init

Which branch should be used for bringing forth production releases?
   - master
Branch name for production releases: [master]
Branch name for "next release" development: [develop]

How to name your supporting branch prefixes?
Feature branches? [feature/] v.
Bugfix branches? [bugfix/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? [] v.
Hooks and filters directory? [/home/aaurchenko/2020-2021/laboratory/.git/hooks]
aaurchenko@aau:~/2020-2021/laboratory$ git branch
* develop
  master
```

```
aaurchenko@aau:~/2020-2021/laboratory$ git flow release start 1.0.0
Переключено на новую ветку «release/1.0.0»

Summary of actions:
- A new branch 'release/1.0.0' was created, based on 'develop'
- You are now on branch 'release/1.0.0'

Follow-up actions:
- Bump the version number now!
- Start committing last-minute fixes in preparing your release
- When done, run:

    git flow release finish '1.0.0'

aaurchenko@aau:~/2020-2021/laboratory$ echo "1.0.0" >> VERSION
aaurchenko@aau:~/2020-2021/laboratory$ git add .
aaurchenko@aau:~/2020-2021/laboratory$ git commit -am 'chore(main): add version'
[release/1.0.0 d37f3f1] chore(main): add version
 1 file changed, 1 insertion(+)
 create mode 100644 VERSION
```

```
aaurchenko@aau:~/2020-2021/laboratory$ git flow release finish 1.0.0
Переключено на ветку «master»
Ваша ветка обновлена в соответствии с «origin/master».
Merge made by the 'recursive' strategy.
 VERSION | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 VERSION
Уже на «master»
Ваша ветка опережает «origin/master» на 2 коммита.
  (используйте «git push», чтобы опубликовать ваши локальные коммиты)
fatal: нет описания метки?
Fatal: Tagging failed. Please run finish again to retry.
aaurchenko@aau:~/2020-2021/laboratory$ git push --all
Перечисление объектов: 5, готово.
Подсчет объектов: 100% (5/5), готово.
Сжатие объектов: 100% (3/3), готово.
Запись объектов: 100% (4/4), 378 байтов | 378.00 КиБ/с, готово.
Всего 4 (изменения 2), повторно использовано 0 (изменения 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:aayurchenko/os-intro.git
   44ea864..93086af  master -> master
 * [new branch]      develop -> develop
 * [new branch]      release/1.0.0 -> release/1.0.0
aaurchenko@aau:~/2020-2021/laboratory$
```

Releases   **Tags**

🏷 Tags

v.1.0.0 …   …
🕐 3 hours ago   ⦿ f94e902   📄 zip   📄 tar.gz