———

Formatting toc-title: "   " toc: true # Table of contents toc_depth: 2 lof: true # List of figures lot: true # List of tables fontsize: 12pt linestretch: 1.5 papersize: a4paper documentclass: scrreprt polyglossia-lang: russian polyglossia-otherlangs: english main-

1

： .

2

： Github.
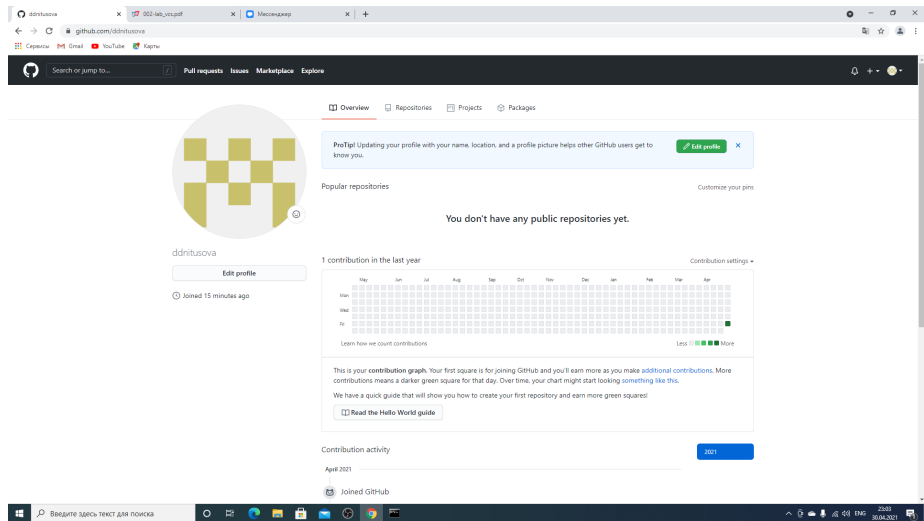
3

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GitHub（   1）

1 width=70% }

（   2,3）

```
[ddnitusova@ddnitusova ~]$ git config --global user.name"ddnitusova"
[ddnitusova@ddnitusova ~]$ git config --global  user.email"psychosis.00@mail.ru"
[ddnitusova@ddnitusova ~]$ ssh-keygen -C"ddnitusova <psychosis.00@mail.ru>"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/ddnitusova/.ssh/id_rsa):
/home/ddnitusova/.ssh/id_rsa already exists.
Overwrite (y/n)?
[ddnitusova@ddnitusova ~]$ cat ~/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAAABAQC0SzP5xi23acT3qsP+kAII5pe+MYuhvcnezgu2fTbScxZFG2PfYxr7uAfoWCV0o49O2yYtVA6Lo
AoowTzPfctt8YA2wX9hhS6iXYMZJRD+0h7tgksnmy2cr+YRwqYs3WIXbkT3kO3LMy2smSnYoUnXl98xKiXJ6kEV04JtWDXsBzM7uPb1zr0FCqp9Cs
ctX+ii0v+JPuGUKKblNFYhB5BPhOdRZarmYo6DaDnlNd4QlODh1eKKPxJ7Yvy2elyVrFe1ovc3Wx7N+ZufMRlgHrprVMng7N2LV9Gd7bhMf9X688R
v/t/24X9PvqZ4OejQev2vT4S/7oREorikhx+Mhr7d ddnitusova <manchot1408@gmail.com>
[ddnitusova@ddnitusova ~]$ ▮
```

2 width=70% }

ddnitusova
Your personal account

Go to your personal profile

Account settings
Profile
Account
Appearance   (New)
Account security
Billing & plans
Security log
Security & analysis
Emails
Notifications
SSH and GPG keys
Repositories
Packages
Organizations
Saved replies

SSH keys

New SSH key

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

ddnitusova
SSH   SHA256:kOE12Bm/6UrImIUXvwhuFK8qU1xpKg1kaR8hOpgBHN0
Added on 30 Apr 2021
Never used — Read/write

Delete

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

GPG keys

New GPG key

There are no GPG keys associated with your account.

Learn how to generate a GPG key and add it to your account.

Vigilant mode   (Beta)

☐ **Flag unsigned commits as unverified**
This will include any commit attributed to your account but not signed with your GPG or S/MIME key.
Note that this will include your existing unsigned commits.
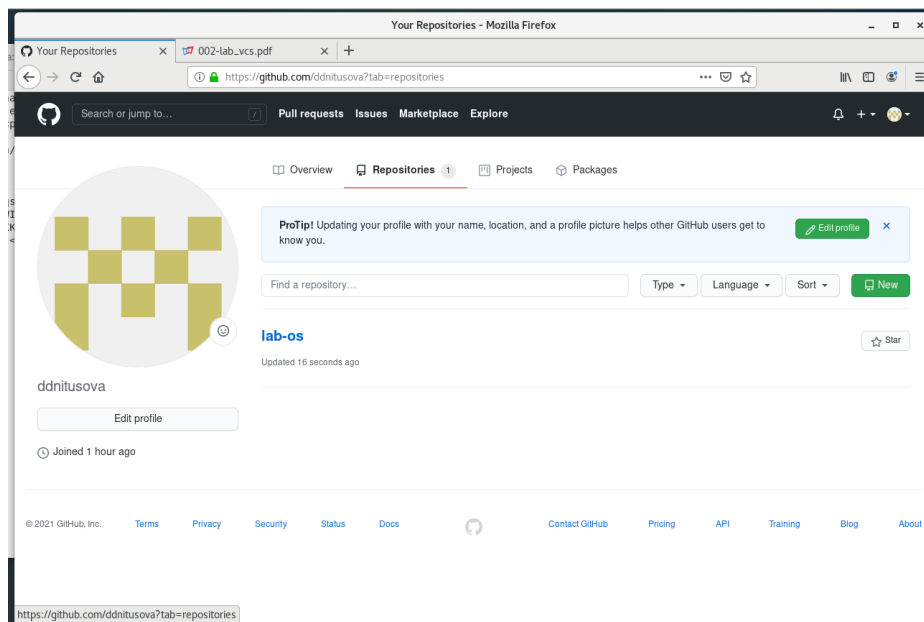
3 width=70% }

(4)

4

```
[ddnitusova@ddnitusova ~]$ mkdir work
[ddnitusova@ddnitusova ~]$ cd work
[ddnitusova@ddnitusova work]$ mkdir 2020-2021
[ddnitusova@ddnitusova work]$ cd 2020-2021
[ddnitusova@ddnitusova 2020-2021]$ mkdir OS
[ddnitusova@ddnitusova 2020-2021]$ cd OS
[ddnitusova@ddnitusova OS]$ mkdir laboratory
[ddnitusova@ddnitusova OS]$ cd laboratory
[ddnitusova@ddnitusova laboratory]$
```

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GitHub (5)

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5 width=70% }

README.md   GitHub (6)

```
[ddnitusova@ddnitusova laboratory]$ git init
Initialized empty Git repository in /home/ddnitusova/work/2020-2021/OS/laboratory/.git/
[ddnitusova@ddnitusova laboratory]$ echo "# Лабораторные работы">> README.md
[ddnitusova@ddnitusova laboratory]$ git add README.md
[ddnitusova@ddnitusova laboratory]$ git config --global user.name"ddnitusova"
[ddnitusova@ddnitusova laboratory]$ git config --global  user.email"psychosis.00@mail.ru"
[ddnitusova@ddnitusova laboratory]$ git commit -m "first commit"
[master (root-commit) 5627f8f] first commit
 Committer: ddnitusova <ddnitusova@ddnitusova.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
 create mode 100644 README.md
[ddnitusova@ddnitusova laboratory]$
```

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6 width=70% }

,   GitHub (7,8)

```
                        ddnitusova@ddnitusova:~/work/2020-2021/OS/laboratory          _  □  ×

 Файл  Правка  Вид  Поиск  Терминал  Справка
[ddnitusova@ddnitusova laboratory]$ wget https://creativecommons.org/licenses/by/4.0/legalcode.txt -O LICENSE
--2021-04-30 23:48:39--  https://creativecommons.org/licenses/by/4.0/legalcode.txt
Распознаётся creativecommons.org (creativecommons.org)... 172.67.34.140, 104.20.151.16, 104.20.150.16, ...
Подключение к creativecommons.org (creativecommons.org)|172.67.34.140|:443... соединение установлено.
HTTP-запрос отправлен. Ожидание ответа... 200 OK
Длина: нет данных [text/plain]
Сохранение в: «LICENSE»

    [ <=>                                                                    ] 18 657      --.-K/s   за 0s

2021-04-30 23:48:39 (60,8 MB/s) - «LICENSE» сохранён [18657]

[ddnitusova@ddnitusova laboratory]$ curl -L -s https://www.gitignore.io/api/list
1c,1c-bitrix,a-frame,actionscript,ada
adobe,advancedinstaller,adventuregamestudio,agda,al
alteraquartusii,altium,amplify,android,androidstudio
angular,anjuta,ansible,apachecordova,apachehadoop
appbuilder,appceleratortitanium,appcode,appcode+all,appcode+iml
appengine,aptanastudio,arcanist,archive,archives
archlinuxpackages,aspnetcore,assembler,ate,atmelstudio
ats,audio,automationstudio,autotools,autotools+strict
awr,azurefunctions,backup,ballerina,basercms
basic,batch,bazaar,bazel,bitrise
bitrix,bittorrent,blackbox,bloop,bluej
bookdown,bower,brickxcc,buck,c
c++,cake,cakephp,cakephp2,cakephp3
calabash,carthage,certificates,ceylon,cfwheels
chefcookbook,chocolatey,clean,clion,clion+all
clion+iml,clojure,cloud9,cmake,cocoapods
cocos2dx,cocoscreator,code,code-java,codeblocks
codecomposerstudio,codeigniter,codeio,codekit,codesniffer
coffeescript,commonlisp,compodoc,composer,compressed
compressedarchive,compression,conan,concrete5,coq
cordova,craftcms,crashlytics,crbasic,crossbar
crystal,cs-cart,csharp,cuda,cvs
cypressio,d,dart,darteditor,data
database,datarecovery,dbeaver,defold,delphi
dframe,diff,direnv,diskimage,django
dm,docfx,docpress,docz,dotenv
dotfilessh,dotnetcore,dotsettings,dreamweaver,dropbox
```

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7 width=70% }

```
vapor,venv,vertx,video,vim
virtualenv,virtuoso,visualstudio,visualstudiocode,vivado
vlab,vs,vscode,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,yarn,yeoman
yii,yii2,zendframework,zephir,zig
zsh,zukencr8000[ddnitusova@ddnitusova laboratory]$ curl -L -s https://www.gitignore.io/api/c >> .gitignore
[ddnitusova@ddnitusova laboratory]$ git add .
[ddnitusova@ddnitusova laboratory]$ git commit -a "add gitignore"
fatal: Paths with -a does not make sense.
[ddnitusova@ddnitusova laboratory]$ git commit -am "add gitignore"
[master 995e52c] add gitignore
 Committer: ddnitusova <ddnitusova@ddnitusova.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 2 files changed, 455 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 LICENSE
[ddnitusova@ddnitusova laboratory]$ git push -u origin master
Warning: Permanently added the RSA host key for IP address '140.82.121.3' to the list of known hosts.
Counting objects: 5, done.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 6.43 KiB | 0 bytes/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To git@github.com:ddnitusova/lab-os.git
   5627f8f..995e52c  master -> master
Branch master set up to track remote branch master from origin.
[ddnitusova@ddnitusova laboratoryvl$
```

8 width=70% }

gitflow. , VERSION, , GitHub.
(9,10)

```
[ddnitusova@ddnitusova laboratory]$ git flow init

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

Which branch should be used for integration of the "next release"?
   - master
Branch name for "next release" development: [master] develop
Production and integration branches should differ.
[ddnitusova@ddnitusova laboratory]$ git flow init

Which branch should be used for integration of the "next release"?
   - master
Branch name for "next release" development: [master] develop
Production and integration branches should differ.
[ddnitusova@ddnitusova laboratory]$ git flow init

Which branch should be used for integration of the "next release"?
   - master
Branch name for "next release" development: [master] master

How to name your supporting branch prefixes?
Feature branches? [feature/] v
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? [] v
[ddnitusova@ddnitusova laboratory]$ git branch
  develop
* master
[ddnitusova@ddnitusova laboratory]$ git flow release start 1.0.0
Switched to a new branch 'release/1.0.0'
```

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7

```
ddnitusova@ddnitusova laboratory]$ git branch
 develop
 master
ddnitusova@ddnitusova laboratory]$ git flow release start 1.0.0
witched to a new branch 'release/1.0.0'

ummary of actions:
 A new branch 'release/1.0.0' was created, based on 'master'
 You are now on branch 'release/1.0.0'

ollow-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'

ddnitusova@ddnitusova laboratory]$ echo "1.0.0" >> VERSION
ddnitusova@ddnitusova laboratory]$ git add .
ddnitusova@ddnitusova laboratory]$ git commit -am "chore(main): add version"
release/1.0.0 d78e6ab] chore(main): add version
Committer: ddnitusova <ddnitusova@ddnitusova.localdomain>
our name and email address were configured automatically based
n your username and hostname. Please check that they are accurate.
ou can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

fter doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

3 files changed, 80 insertions(+)
create mode 100644 VERSION
create mode 160000 gitflow
create mode 100644 gitflow-installer.sh
ddnitusova@ddnitusova laboratory]$ git reset gitflow
ddnitusova@ddnitusova laboratory]$ git reset gitflow-installer.sh
ddnitusova@ddnitusova laboratory]$ git flow release finish 1.0.0
```
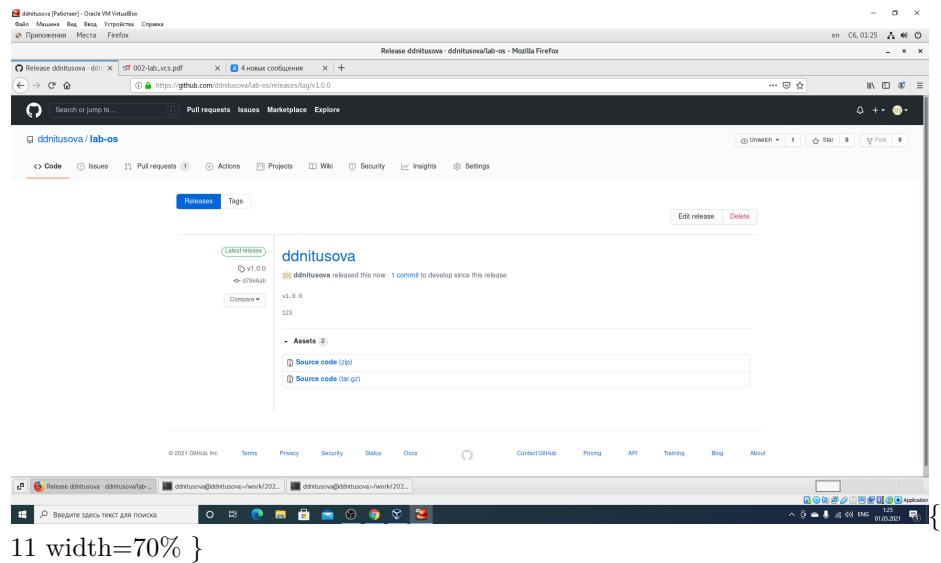
10 width=70% }

GitHub. (11)

11 width=70% }

4

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