

Министерство цифрового развития, связи и массовых коммуникаций  
Российской Федерации

Ордена Трудового Красного Знамени

федеральное государственное бюджетное образовательное учреждение  
высшего образования

МОСКОВСКИЙ ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ СВЯЗИ И  
ИНФОРМАТИКИ

Кафедра «Математической кибернетики и информационных технологий»

Основы DevOps

Лабораторная работа №3

Выполнил: Ибрахим Баро Йиди

студент группы БВТ2101

Иванов И.И.

Москва 2021

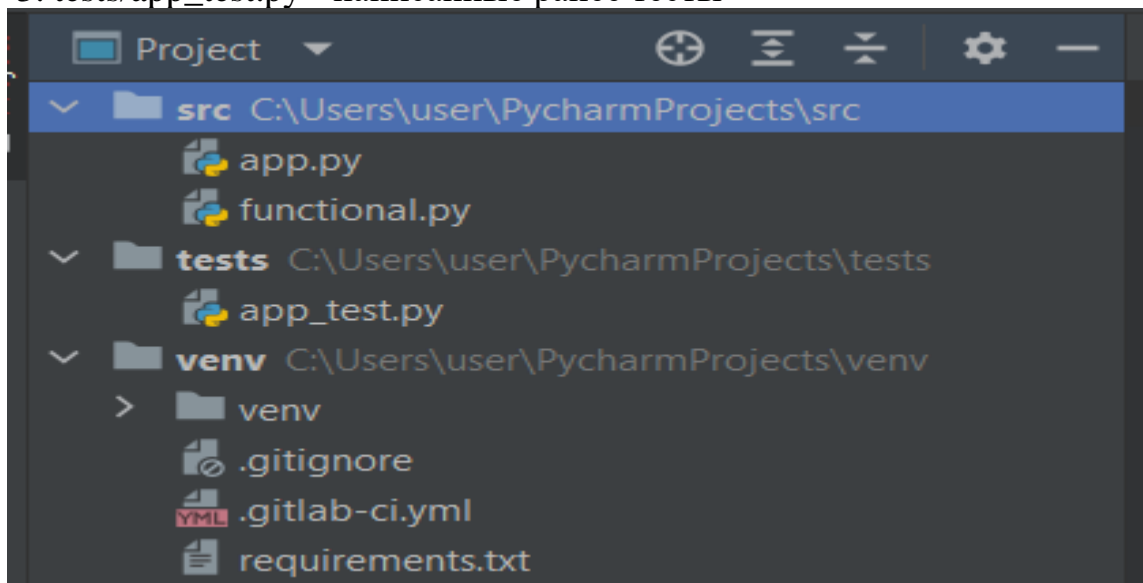
## Выполнение

### Создание с\и пайплайнов

#### 1. Реструктуризация проекта

создание файлов:

1. src/app.py - web сервис
2. src/functional.py - файл с функцией, решающей поставленную задачу (калькулятор, форматирование текста или числа Фибоначчи)
3. tests/app\_test.py - написанные ранее тесты



Pip freeze > requirements.txt

Pip install virtualenv

```
PS C:\Users\user\PycharmProjects\venv> pip freeze > requirements.txt
PS C:\Users\user\PycharmProjects\venv> pip install virtualenv
Collecting virtualenv
  Downloading virtualenv-20.14.1-py2.py3-none-any.whl (8.8 MB)
    | 8.8 MB 226 kB/s
Collecting distlib<1,>=0.3.1
  Downloading distlib-0.3.4-py3.py3-none-any.whl (461 kB)
    | 461 kB 156 kB/s
Requirement already satisfied: six<2,>=1.9.0 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from virtualenv) (1.16.0)
Collecting filelock<4,>=3.2
  Downloading filelock-3.6.0-py3-none-any.whl (10.0 kB)
Collecting platformdirs<3,>=2
  Downloading platformdirs-2.5.1-py3-none-any.whl (14 kB)
```

Virtualenv venv

Source venv/bin/activate

```
Terminal: Local x + v
    | 461 kB 156 kB/s
Requirement already satisfied: six<2,>=1.9.0 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from virtualenv) (1.16.0)
Collecting filelock<4,>=3.2
  Downloading filelock-3.6.0-py3-none-any.whl (10.0 kB)
Collecting platformdirs<3,>=2
  Downloading platformdirs-2.5.1-py3-none-any.whl (14 kB)
Installing collected packages: platformdirs, filelock, distlib, virtualenv
Successfully installed distlib-0.3.4 filelock-3.6.0 platformdirs-2.5.1 virtualenv-20.14.1
WARNING: You are using pip version 21.2.3; however, version 22.0.4 is available.
You should consider upgrading via the 'C:\Users\user\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.
PS C:\Users\user\PycharmProjects\venv> virtualenv venv
created virtual environment CPython3.10.0.final.0-64 in 19350ms
creator CPython3Windows(dest=C:\Users\user\PycharmProjects\venv\venv, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=C:\Users\user\AppData\Local\pypa\virtualenv)
  added seed packages: pip==22.0.4, setuptools==62.1.0, wheel==0.37.1
activators BashActivator,BatchActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
PS C:\Users\user\PycharmProjects\venv> source venv/bin/activate
```

## Pip install -r requirements.txt

### Pip install flake8

```
Terminal: Local x + v
PS C:\Users\user\PycharmProjects\venv> pip install -r requirements.txt
Requirement already satisfied: numpy==1.22.3 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 1)) (1.22.3)
Requirement already satisfied: opencv-python==4.5.5.64 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 2)) (4.5.5.64)
Requirement already satisfied: pandas==1.4.2 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 3)) (1.4.2)
Requirement already satisfied: python-dateutil==2.8.2 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 4)) (2.8.2)
Requirement already satisfied: pytz==2022.1 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 5)) (2022.1)
Requirement already satisfied: six==1.16.0 in c:\users\user\appdata\local\programs\python\python310\lib\site-packages (from -r requirements.txt (line 6)) (1.16.0)
WARNING: You are using pip version 21.2.3; however, version 22.0.4 is available.
You should consider upgrading via the 'C:\Users\user\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.
PS C:\Users\user\PycharmProjects\venv> python -m unittest discover -s "./tests" -p "*_test.py"
Python was not found; run without arguments to install from the Microsoft Store, or disable this shortcut from Settings > Manage App Execution Aliases.
PS C:\Users\user\PycharmProjects\venv> pip install flake8
Collecting flake8
  Downloading flake8-4.0.1-py2.py3-none-any.whl (64 kB)
    | 64 kB 83 kB/s
PS C:\Users\user\PycharmProjects\venv>

Terminal: Local x + v
Python was not found; run without arguments to install from the Microsoft Store, or disable this shortcut from Settings > Manage App Execution Aliases.
PS C:\Users\user\PycharmProjects\venv> pip install flake8
Collecting flake8
  Downloading flake8-4.0.1-py2.py3-none-any.whl (64 kB)
    | 64 kB 83 kB/s
Collecting pyflakes<2.5.0,>=2.4.0
  Downloading pyflakes-2.4.0-py2.py3-none-any.whl (69 kB)
    | 69 kB 681 kB/s
Collecting pycodestyle<2.9.0,>=2.8.0
  Downloading pycodestyle-2.8.0-py2.py3-none-any.whl (42 kB)
    | 42 kB 58 kB/s
Collecting mccabe<0.7.0,>=0.6.0
  Downloading mccabe-0.6.1-py2.py3-none-any.whl (8.6 kB)
Installing collected packages: pyflakes, pycodestyle, mccabe, flake8
Successfully installed flake8-4.0.1 mccabe-0.6.1 pycodestyle-2.8.0 pyflakes-2.4.0
WARNING: You are using pip version 21.2.3; however, version 22.0.4 is available.
You should consider upgrading via the 'C:\Users\user\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.
PS C:\Users\user\PycharmProjects\venv>
```

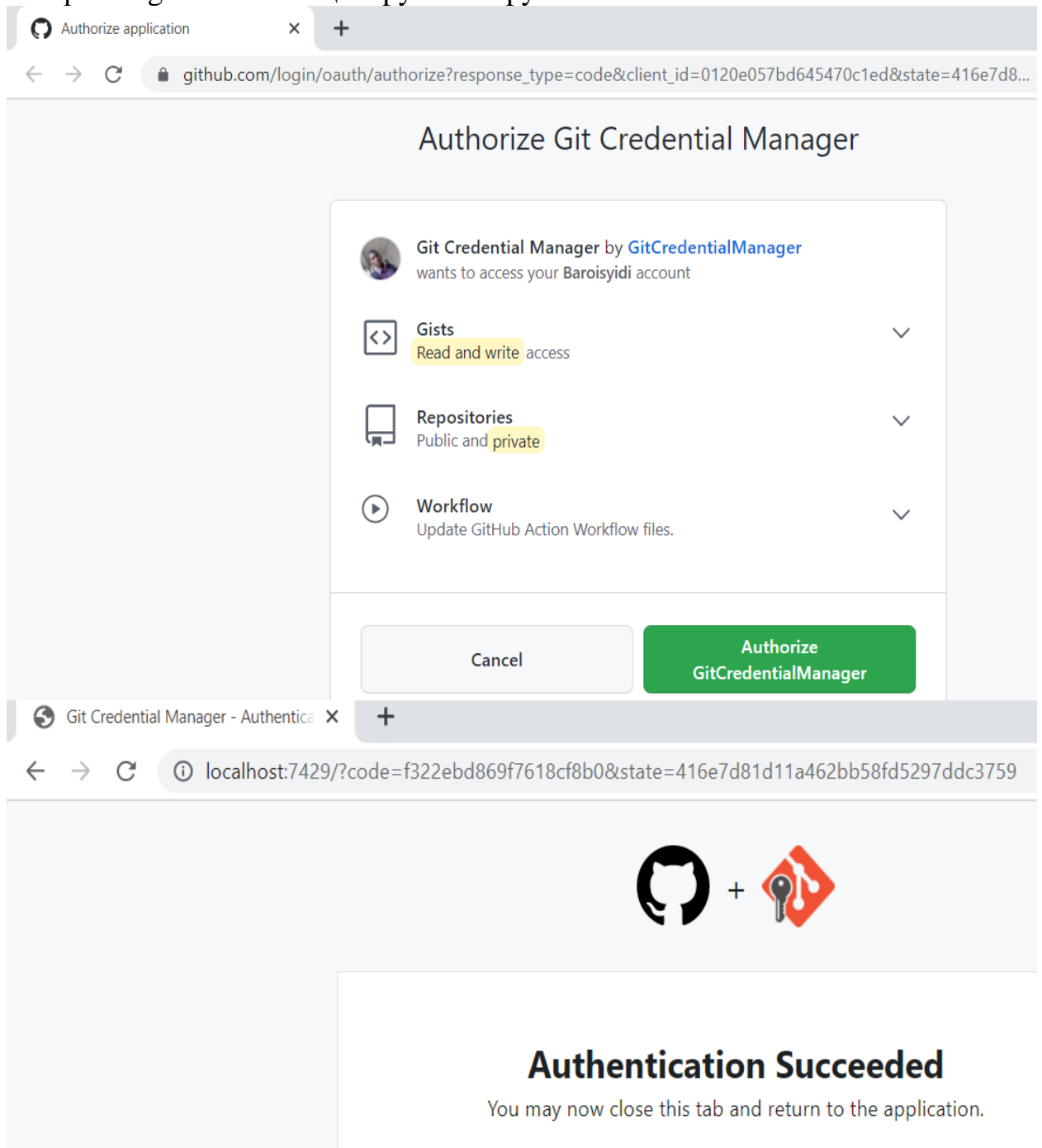
### Pip freeze

```
PS C:\Users\user\PycharmProjects\venv> pip freeze
distlib==0.3.4
filelock==3.6.0
flake8==4.0.1
mccabe==0.6.1
numpy==1.22.3
opencv-python==4.5.5.64
pandas==1.4.2
platformdirs==2.5.1
pycodestyle==2.8.0
pyflakes==2.4.0
python-dateutil==2.8.2
pytz==2022.1
six==1.16.0
virtualenv==20.14.1
PS C:\Users\user\PycharmProjects\venv>
```

### Pip install tornado

```
Terminal: Local x + v
PS C:\Users\user\PycharmProjects\venv> pip install tornado
Collecting tornado
  Downloading tornado-6.1.tar.gz (497 kB)
    | 497 kB 726 kB/s
Using legacy 'setup.py install' for tornado, since package 'wheel' is not installed.
Installing collected packages: tornado
  Running setup.py install for tornado ... done
Successfully installed tornado-6.1
```

## 2. настройка gitlab с помощью ruCharm/python







The screenshot shows a web browser with two tabs. The first tab, titled "Authorize application", shows the GitHub OAuth authorization page for "Git Credential Manager by GitCredentialManager". The page asks for access to the "Baroisyidi" account and lists three permissions: "Gists" (Read and write access), "Repositories" (Public and private), and "Workflow" (Update GitHub Action Workflow files). There are "Cancel" and "Authorize GitCredentialManager" buttons. The second tab, titled "Git Credential Manager - Authentication", shows a confirmation screen with the GitHub and GitLab logos and the text "Authentication Succeeded". Below this, it says "You may now close this tab and return to the application."

Authorize application

github.com/login/oauth/authorize?response\_type=code&client\_id=0120e057bd645470c1ed&state=416e7d8...



### Authorize Git Credential Manager

 **Git Credential Manager** by [GitCredentialManager](#)  
wants to access your **Baroisyidi** account

-  **Gists**  
Read and write access
-  **Repositories**  
Public and private
-  **Workflow**  
Update GitHub Action Workflow files.

Git Credential Manager - Authentication

localhost:7429/?code=f322ebd869f7618cf8b0&state=416e7d81d11a462bb58fd5297ddc3759

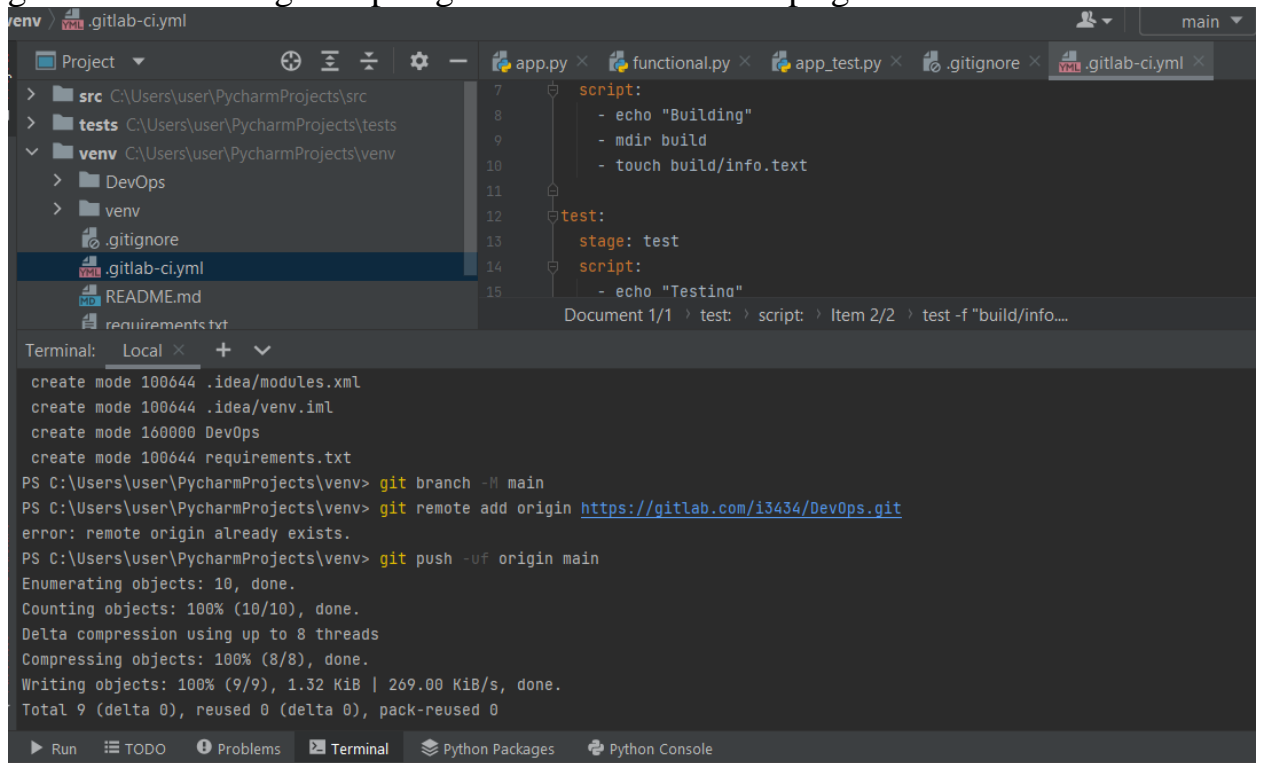
 + 

## Authentication Succeeded

You may now close this tab and return to the application.

### 3. Добавление репозитория gitlab

git remote add origin <https://gitlab.com/i3434/DevOps.git>

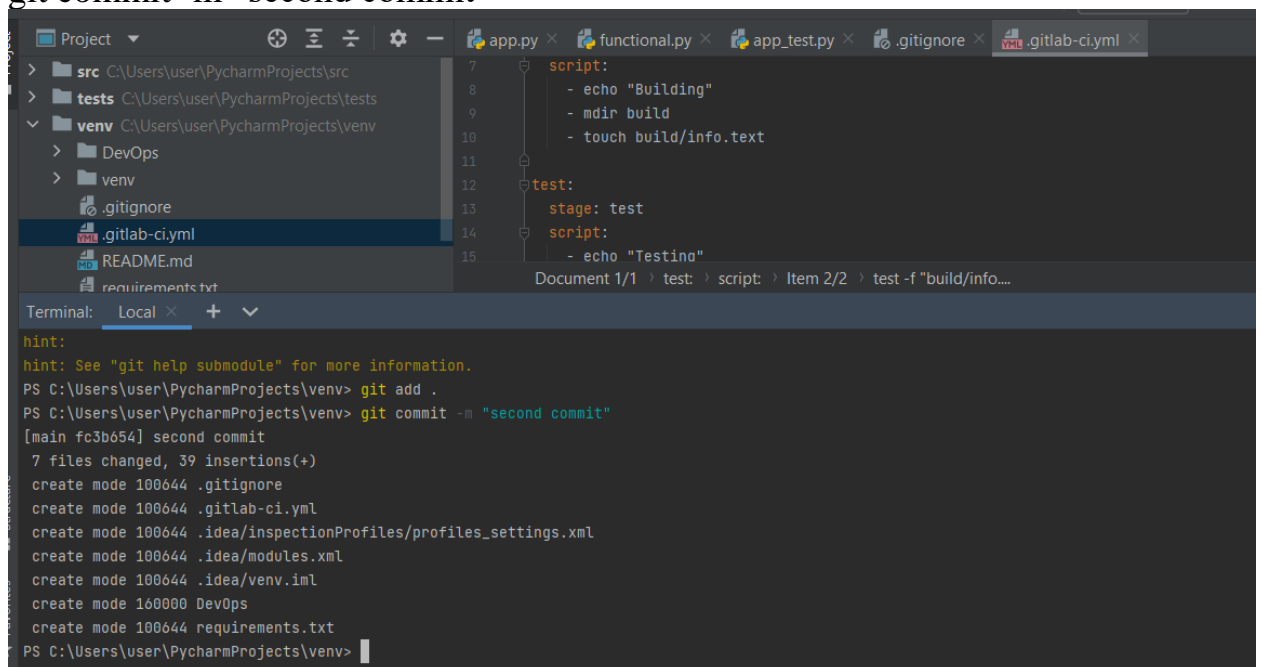


The screenshot shows the PyCharm IDE interface. The left sidebar displays the project structure with folders 'src', 'tests', and 'venv'. The 'venv' folder is expanded, showing files like '.gitignore', '.gitlab-ci.yml', 'README.md', and 'requirements.txt'. The main editor window shows the content of '.gitlab-ci.yml' with a 'script' section containing 'echo "Building"', 'mkdir build', and 'touch build/info.text', followed by a 'test' section with 'stage: test' and 'script: echo "Testino"'. The bottom terminal window shows the execution of the following commands:

```
create mode 100644 .idea/modules.xml
create mode 100644 .idea/venv.iml
create mode 160000 DevOps
create mode 100644 requirements.txt
PS C:\Users\user\PycharmProjects\venv> git branch -M main
PS C:\Users\user\PycharmProjects\venv> git remote add origin https://gitlab.com/i3434/DevOps.git
error: remote origin already exists.
PS C:\Users\user\PycharmProjects\venv> git push -uf origin main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (9/9), 1.32 KiB | 269.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
```

git add .

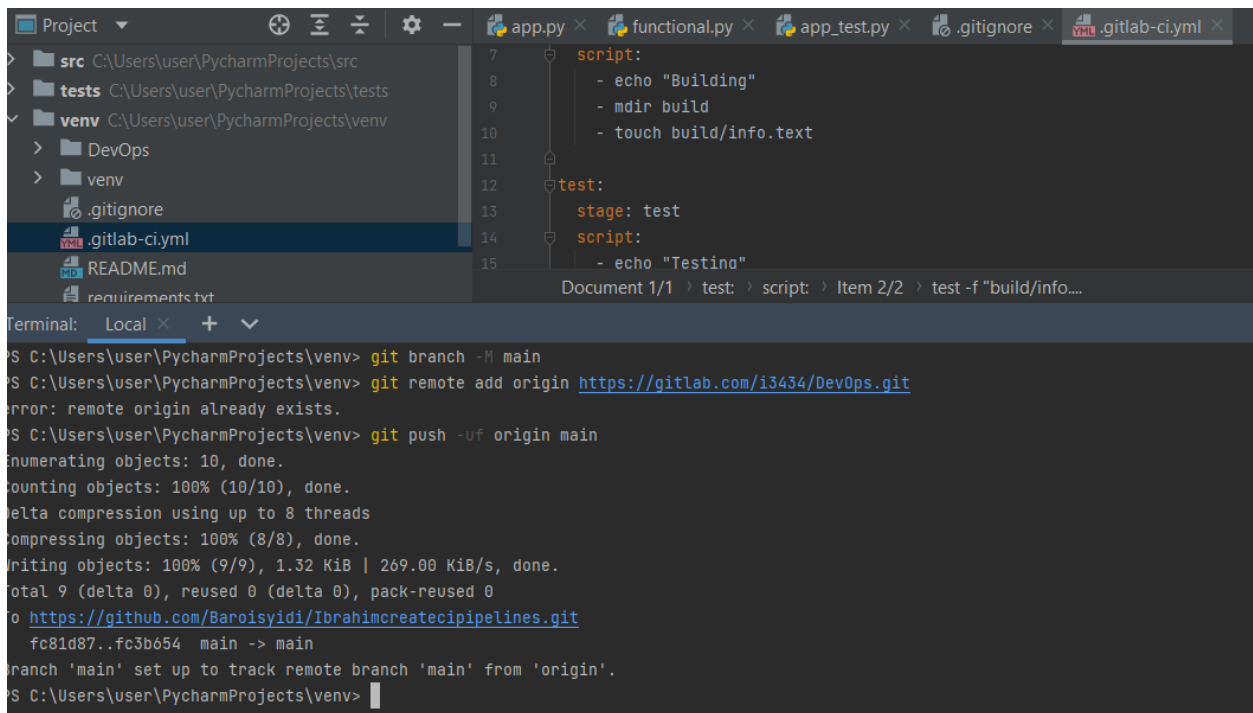
git commit -m "second commit"



The screenshot shows the PyCharm IDE interface. The left sidebar displays the project structure. The main editor window shows the content of '.gitlab-ci.yml'. The bottom terminal window shows the execution of the following commands:

```
hint: See "git help submodule" for more information.
PS C:\Users\user\PycharmProjects\venv> git add .
PS C:\Users\user\PycharmProjects\venv> git commit -m "second commit"
[main fc3b654] second commit
7 files changed, 39 insertions(+)
create mode 100644 .gitignore
create mode 100644 .gitlab-ci.yml
create mode 100644 .idea/inspectionProfiles/profiles_settings.xml
create mode 100644 .idea/modules.xml
create mode 100644 .idea/venv.iml
create mode 160000 DevOps
create mode 100644 requirements.txt
PS C:\Users\user\PycharmProjects\venv>
```

git branch -M main  
git push -uf origin main



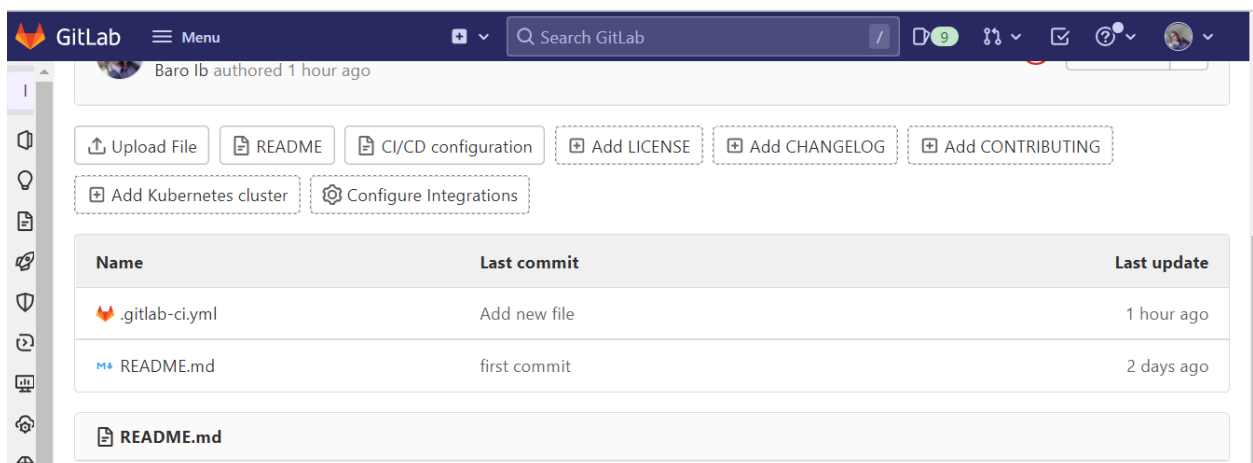
The screenshot shows the PyCharm IDE interface. The left sidebar displays the project structure with folders 'src', 'tests', and 'venv', and files '.gitignore', '.gitlab-ci.yml', 'README.md', and 'requirements.txt'. The main editor area shows the content of '.gitlab-ci.yml':

```
script:
  - echo "Building"
  - mkdir build
  - touch build/info.text

test:
  stage: test
  script:
    - echo "Testina"
```

The terminal window at the bottom shows the following commands and output:

```
C:\Users\user\PycharmProjects\venv> git branch -M main
C:\Users\user\PycharmProjects\venv> git remote add origin https://gitlab.com/i3434/DevOps.git
error: remote origin already exists.
C:\Users\user\PycharmProjects\venv> git push -uf origin main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (9/9), 1.32 KiB | 269.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Baroisyidi/Ibrahimcreatecipeline.git
 fc81d87..fc3b654  main -> main
branch 'main' set up to track remote branch 'main' from 'origin'.
C:\Users\user\PycharmProjects\venv>
```



#### 4. Создание и регистрация Specific-Gitlab-Runner

1. Я создал папку где-то в системе, например: C:\GitLab-Runner.
2. Затем скачал бинарник для 64-битной версии и поместил его в созданную папку.
3. Затем я переименовал двоичный файл в gitlab-runner.exe.
4. И наконец, я запустил командную строку от имени администратора.

cd C:\Gitlab-Runner

gitlab-runner.exe install

gitlab-runner.exe start

gitlab-runner.exe register

<https://gitlab.com/>

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.1526]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\Gitlab-Runner

C:\Gitlab-Runner>.\gitlab-runner.exe install
'./gitlab-runner.exe' is not recognized as an internal or external command,
operable program or batch file.

C:\Gitlab-Runner>gitlab-runner.exe install
'gitlab-runner.exe' is not recognized as an internal or external command,
operable program or batch file.

C:\Gitlab-Runner>gitlab-runner.exe install
Runtime platform                                arch=amd64 os=windows pid=7476 revision=c6bb62f6 version=14.10.0

C:\Gitlab-Runner>gitlab-runner.exe start
Runtime platform                                arch=amd64 os=windows pid=18224 revision=c6bb62f6 version=14.10.0

C:\Gitlab-Runner>gitlab-runner.exe stop
Runtime platform                                arch=amd64 os=windows pid=3980 revision=c6bb62f6 version=14.10.0

C:\Gitlab-Runner>gitlab-runner.exe register
Runtime platform                                arch=amd64 os=windows pid=10224 revision=c6bb62f6 version=14.10.0
Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
GR1348941bsm1y4BwZWy1LK7DiFGz
Enter a description for the runner:
[DESKTOP-IKGHSHU]: Ibrahim-runner

Administrator: Command Prompt
Enter a description for the runner:
[DESKTOP-IKGHSHU]: Ibrahim-runner
Enter tags for the runner (comma-separated):
ssh, ci
Enter optional maintenance note for the runner:
ibrahimci
Registering runner... succeeded                    runner=GR1348941bsm1y4Bw
Enter an executor: virtualbox, docker-ssh+machine, kubernetes, custom, docker-ssh, parallels, ssh, docker, docker-window
s, shell, docker+machine:
docker
Enter the default Docker image (for example, ruby:2.7):
ruby:2.7
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically re
loaded!

C:\Gitlab-Runner>gitlab-runner.exe start
Runtime platform                                arch=amd64 os=windows pid=3676 revision=c6bb62f6 version=14.10.0

C:\Gitlab-Runner>.\gitlab-runner.exe register
'.' is not recognized as an internal or external command,
operable program or batch file.

C:\Gitlab-Runner>gitlab-runner.exe register
Runtime platform                                arch=amd64 os=windows pid=19580 revision=c6bb62f6 version=14.10.0
Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
GR1348941sX6ArJq2aP2sMAUz4sYa
Enter a description for the runner:
[DESKTOP-IKGHSHU]: Ibrahim-runner
```

Menu

Search GitLab

9

1. Install GitLab Runner and ensure it's running.  
2. Register the runner with this URL:  
<https://gitlab.com/>

And this registration token:  
GR1348941sX6ArJq2aP2sMAUz4sYa

Reset registration token

Show runner installation instructions

means reduced wait times to spin up builds, and isolated VMs for each project, thus maximizing security.

They're free to use for public open source projects and limited to 400 CI minutes per month per group for private projects. Read about all [GitLab.com plans](#).

Enable shared runners for this project

☒

Available shared runners: 42

#12270845 (JLgUopmM)

1-green.shared.runners-manager.gitlab.com/default

docker east-c gce git-annex linux mongo mysql postgres ruby shared

#11728740 (nDxcYe\_S)

2-green.shared-gitlab-org.runners-manager.gitlab.com/dind

gitlab-org-docker

### Available specific runners

#14881877 (psDiUe6j)

ibrahim-runner

ci ssh

Remove runner

Menu

Search GitLab

9

### Available specific runners

#14893638 (sFP\_5u6B)

code\_quality

code\_quality

Disable for this project

#14893561 (w\_A8wZqM)

test

test

Disable for this project

#14891663 (vFLzSfR9)

build

build

Disable for this project

#14881877 (psDiUe6j)

test

Disable for this project

#11728737 (kpqQ46jn)

1-green.shared-gitlab-org.runners-manager.gitlab.com/dind

gitlab-org-docker

#12270845 (JLgUopmM)

1-green.shared.runners-manager.gitlab.com/default

docker east-c gce git-annex linux mongo mysql postgres ruby shared

#12270859 (xS6Vzpv0)

5-green.shared.runners-manager.gitlab.com/default

docker east-c gce git-annex linux mongo mysql postgres ruby shared

#1506021 (6QgxEPvR)

windows-shared-runners-manager-2

shared-windows windows windows-1809

#11728733 (ZhKvGs-d)



## 5. Теперь давайте создадим пайплайнов CI в gitlab

GitLab Menu Search GitLab / 9

ibrahim > DevOps3 > Repository

main ibrahimcipeline / +

History Find file Web IDE Clone

Adding in flake8 test to our ci/cd pipeline 30812094 Baro lb authored 6 minutes ago

Name	Last commit	Last update
src	Adding in flake8 test to our ci/cd pipeline	6 minutes ago
tests	Adding in flake8 test to our ci/cd pipeline	6 minutes ago
venv	Adding in flake8 test to our ci/cd pipeline	6 minutes ago
tox.ini	Adding in flake8 test to our ci/cd pipeline	6 minutes ago

gitlab.com/i3434/.../308120942ffd63c1328f55ec2a01d0eaa252087

GitLab Menu Search GitLab / 9

Changes 7 Pipelines 1

Showing 7 changed files with 34 additions and 0 deletions Hide whitespace changes Inline Side-by-side

src/app.py 0 → 100644 +1 -0 View file @30812094

src/fuunctional.py 0 → 100644 +0 -0 View file @30812094

tests/app\_test.py 0 → 100644 +0 -0 View file @30812094

tox.ini 0 → 100644 +2 -0 View file @30812094

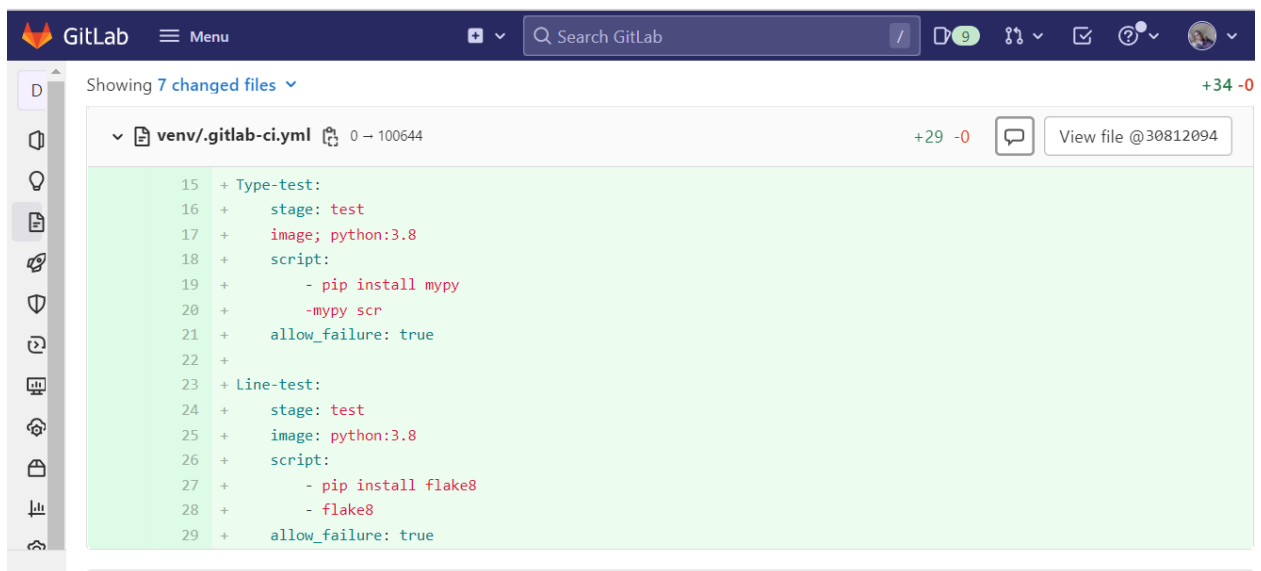
```
1 + [flake8]
2 + exclude = bin,include,lib,share,lib64,pyvenv.cfg,Scripts,lib,include,.pycache_,.mypy_cache,/src/_init_,setup.py
```

Showing 7 changed files +34 -0

venv/.gitignore 0 → 100644 +1 -0 View file @30812094

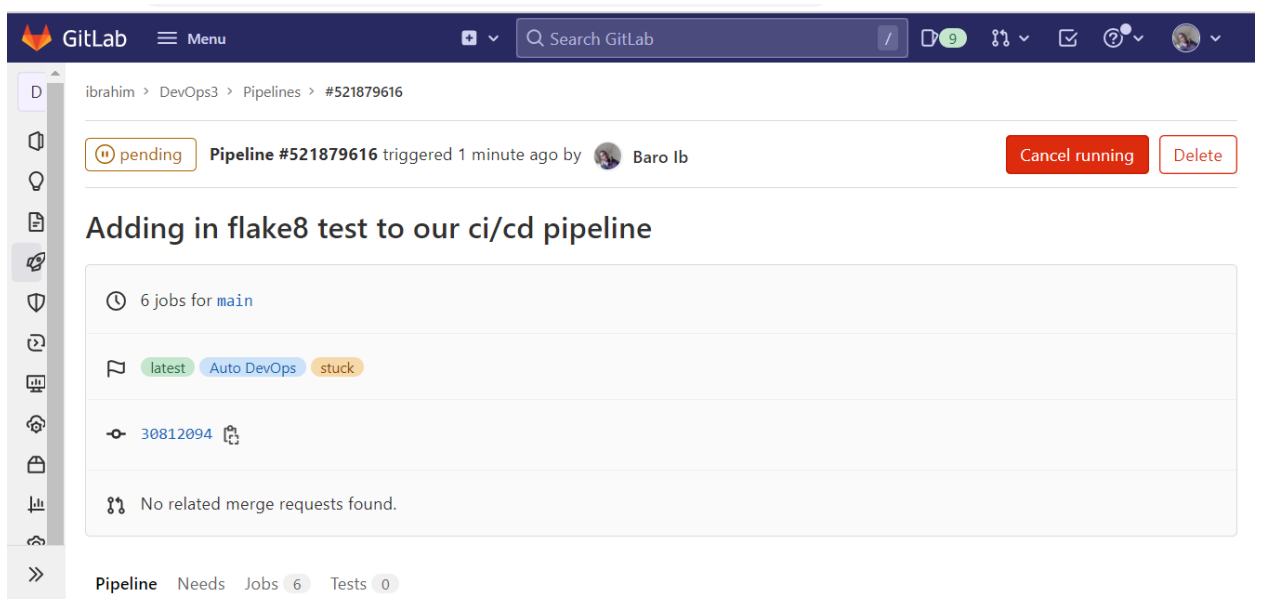
venv/.gitlab-ci.yml 0 → 100644 +29 -0 View file @30812094

```
1 + stages:
2 +   -test
3 +
4 + Unit-test:
5 +   stage: test
6 +   image: python:3.8
7 +   script:
8 +     -pip install pytest pytest-cov
9 +     -python -m pytest --cov-report-html --cov-script .
10 +
11 + artifacts:
12 +   paths:
13 +     - coverage
14 +   expire_in: 30 days
```

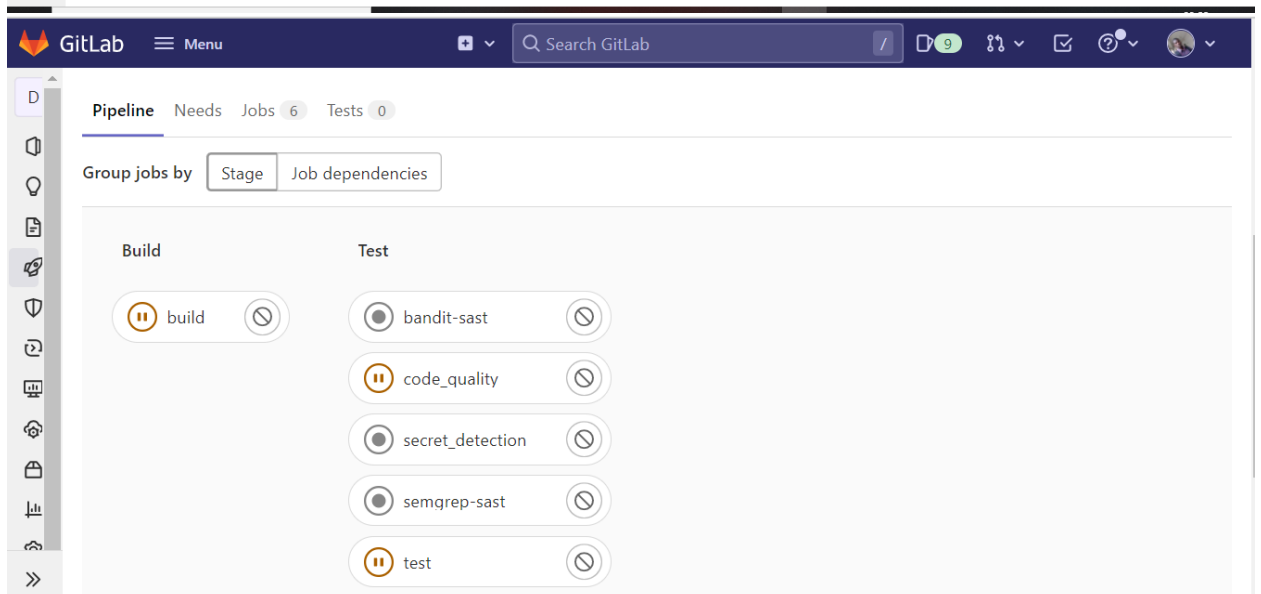


This screenshot shows the GitLab web interface with a diff view for the file `venv/.gitlab-ci.yml`. The diff shows two stages: `Type-test` and `Line-test`. The `Type-test` stage includes a script to install `mypy` and run `scr`. The `Line-test` stage includes a script to install `flake8` and run `flake8`. Both stages are configured with `allow_failure: true`. The interface also shows a sidebar with navigation icons and a top bar with the GitLab logo and search bar.

```
15 + Type-test:
16 +   stage: test
17 +   image: python:3.8
18 +   script:
19 +     - pip install mypy
20 +     - mypy scr
21 +   allow_failure: true
22 +
23 + Line-test:
24 +   stage: test
25 +   image: python:3.8
26 +   script:
27 +     - pip install flake8
28 +     - flake8
29 +   allow_failure: true
```



This screenshot shows the GitLab web interface for a specific pipeline, `#521879616`, which is in a `pending` state. The pipeline was triggered 1 minute ago by user `Baro lb`. The interface includes buttons for `Cancel running` and `Delete`. Below the pipeline status, there is a section titled `Adding in flake8 test to our ci/cd pipeline`. This section shows the pipeline configuration, including the `main` branch, the `latest` environment, and the `stuck` status. It also shows the commit `30812094` and a message indicating that no related merge requests were found. At the bottom, there are tabs for `Pipeline`, `Needs`, `Jobs` (6), and `Tests` (0).



This screenshot shows the GitLab web interface for the same pipeline, `#521879616`, but with the `Jobs` tab selected. The interface shows a list of jobs grouped by stage. The `Build` stage has one job, `build`, which is in a `pending` state. The `Test` stage has five jobs: `bandit-sast`, `code_quality`, `secret_detection`, `semgrep-sast`, and `test`. The `code_quality` and `test` jobs are in a `pending` state, while the others are in a `failed` state. The interface also includes a sidebar with navigation icons and a top bar with the GitLab logo and search bar.

GitLab Menu Search GitLab

No related merge requests found.

Pipeline Needs Jobs 6 Tests 0

Group jobs by Stage Job dependencies Show dependencies

build build

code\_quality test

test test

bandit-sast test

secret\_detection test

semgrep-sast test

GitLab Menu Search GitLab

ibrahim > DevOps3 > Pipelines

All 1 Finished Branches Tags Clear runner caches CI lint Run pipeline

Filter pipelines Show Pipeline ID

Status	Pipeline	Triggerer	Stages
running 00:00:35 1 minute ago	Adding in flake8 test to our ci/cd pipeline #521879616 main 30812094 latest Auto DevOps stuck		

GitLab Menu Search GitLab

failed	#2362500372 main 30812094	build	build	00:00:12 6 minutes ago
failed	#2362494618 main 30812094	test	test	00:00:11 44 minutes ago
created	#2362382802 main 30812094 allowed to fail	test	secret_detection	
created	#2362382801 main 30812094 allowed to fail	test	semgrep-sast	
created	#2362382800 main 30812094 allowed to fail	test	bandit-sast	

GitLab Menu Search GitLab

ibrahim > DevOps3 > Pipelines

All 1 Finished Branches Tags

Clear runner caches CI lint Run pipeline

Filter pipelines

Status	Pipeline	Triggerer	Stages
running	Adding in flake8 test to our ci/cd pipeline #521879616 main 30812094 latest Auto DevOps		

00:00:35 50 minutes ago

GitLab Menu Search GitLab

ibrahim > DevOps3 > Pipelines

All 1 Finished Branches Tags

Clear runner caches CI lint Run pipeline

Filter pipelines

Status	Pipeline	Triggerer	Stages
running	Adding in flake8 test to our ci/cd pipeline #521879616 main 30812094 latest Auto DevOps		

00:00:35 51 minutes ago

```
Running with gitlab-runner 11.4.0~beta.748.gcde4a2d1 (cde4a2d1)
on docker-auto-scale 4e4528ca
Using Docker executor with image ruby:2.5 ...
Pulling docker image ruby:2.5 ...
Using docker image sha256:eb875998134880937f96aa976074ad991d4bd30b49cdd35f0f249014fcddeb781 for
ruby:2.5 ...
Running on runner-4e4528ca-project-8556228-concurrent-0 via runner-4e4528ca-srm-1537900883-
0717b3c8...
Cloning repository...
Cloning into '/builds/vdespa/my-simple-pipeline'...
Checking out 3fb6e9c6 as master...
Skipping Git submodules setup
$ echo "Building"
Building
$ mkdir build
$ touch build/info.txt
Job succeeded
```

```
Running with gitlab-runner 11.4.0~beta.748.gcde4a2d1 (cde4a2d1)
  on docker-auto-scale e11ae361
Using Docker executor with image ruby:2.5 ...
Pulling docker image ruby:2.5 ...
Using docker image sha256:eb875998134880937f96aa976074ad991d4bd30b49cdd35f0f249014fcdeb781 for
ruby:2.5 ...
Running on runner-e11ae361-project-8556228-concurrent-0 via runner-e11ae361-srm-1537901172-
d8ea1188...
Cloning repository...
Cloning into '/builds/vdespa/my-simple-pipeline'...
Checking out 6d80c71f as master...
Skipping Git submodules setup
Downloading artifacts for build (101487141)...
Downloading artifacts from coordinator... ok          id=101487141 responseStatus=200 OK
token=Jq9MTSez
$ echo "Testing"
Testing
$ test -f "build/info.txt"
Job succeeded
```

