

Отчёт по лабораторной работе №5

Простейший вариант

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Содержание

1	Цель работы	5
2	Выполнение лабораторной работы	6
3	Выводы	11

Список иллюстраций

Список таблиц

1 Цель работы

1. Получить навыки правильной настройки рабочей среды.

2 Выполнение лабораторной работы

1. Устанавливаю pass и gopass.

```
[mdyanushkevich@mdyanushkevich ~]$ sudo dnf install nodejs
Последняя проверка окончания срока действия метаданных: 0:01:15 назад, Сб 09 мар 2024 19:05:51.
Зависимости разрешены.
=====
Пакет                Архитектура  Версия                Репозиторий  Разме
=====
Установка:
nodejs                x86_64       1:20.10.0-3.fc39      updates      48 k
Установка зависимостей:
nodejs-libs           x86_64       1:20.10.0-3.fc39      updates      15 M
Установка слабых зависимостей:
nodejs-docs           noarch       1:20.10.0-3.fc39      updates      8.1 K
nodejs-full-libs      x86_64       1:20.10.0-3.fc39      updates      8.5 M
nodejs-npm            x86_64       1:10.2.3-1.20.10.0.3.fc39 updates      2.2 M
```

2. Инициализирую хранилище.

```
[mdyanushkevich@mdyanushkevich ~]$ sudo dnf copr enable elegos/gitflow
Включение репозитория Copr. Обратите внимание, что этот репозиторий
не является частью основного дистрибутива, и качество может отличаться.

Проект Fedora не имеет какого-либо влияния на содержимое этого
репозитория за рамками правил, описанных в Вопросах и Ответах Copr в
https://docs.pagure.org/copr.copr/user\_documentation.html#what-i-can-build-in
и качество и безопасность пакетов не поддерживаются на каком-либо уровне.

Не отправляйте сообщения об ошибках этих пакетов в Fedora
Bugzilla. В случае возникновения проблем обращайтесь к владельцу этого репозитория.

Do you really want to enable copr.fedorainfracloud.org/elegos/gitflow? [y/N]: y
Репозиторий успешно подключен.
[mdyanushkevich@mdyanushkevich ~]$ dnf install gitflow
Ошибка: Эту команду нужно запускать с привилегиями суперпользователя (на больш
- под именем пользователя root).
[mdyanushkevich@mdyanushkevich ~]$ sudo dnf install gitflow
```

3. Синхронизирую с git.

```
mdyanushkevich@mdyanushkevich ~]$ sudo apt-get install pnpm
```

4. Устанавливаю плагин.

```
mdyanushkevich@mdyanushkevich ~]$ pnpm setup
bash: pnpm: команда не найдена
mdyanushkevich@mdyanushkevich ~]$ source ~/.bashrc
mdyanushkevich@mdyanushkevich ~]$ pnpm setup
No changes to the environment were made. Everything is already up to date.
mdyanushkevich@mdyanushkevich ~]$ source ~/.bashrc
mdyanushkevich@mdyanushkevich ~]$ pnpm add -g commitizen
Packages: +152
+-----+
Downloading registry.npmjs.org/typescript/5.4.2: 5.82 MB/5.82 MB, done
Progress: resolved 152, reused 0, downloaded 152, added 152, done

/home/mdyanushkevich/.local/share/pnpm/global/5:
+ commitizen 4.3.0

Done in 4.3s
mdyanushkevich@mdyanushkevich ~]$ pnpm add -g standard-changelog
Progress: resolved 192, reused 151, downloaded 37, added 0
```

5. Добавляю новый пароль.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk ().*

Repository template

Start your repository with a template repository's contents.

Owner * / **Repository name ***

git-extended is available.

Great repository names are short and memorable. Need inspiration? How about [cuddly-parakeet](#)?

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.

Initialize this repository with:

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

6. Отображаю пароль.

```
[mdyanushkevich@mdyanushkevich git-extended]$ npm init
Wrote to /home/mdyanushkevich/git-extended/package.json

{
  "name": "git-extended",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
[mdyanushkevich@mdyanushkevich git-extended]$
```

7. Заменяю существующий пароль.

```
{
  "name": "git-extended",
  "version": "1.0.0",
  "description": "Git repo for educational puproses",
  "main": "index.js",
  "keywords": [],
  "repository": "git@github.com:MikePlim/git-extended.git",
  "author": "Mikhail Yanushkevich mikhail_2005@mail.ru",
  "license": "CC-BY-4.0",
  "config": {
    "commitizen": {
      "path": "cz-conventional-changelog"
    }
  }
}
```

8. Устанавливаю дополнительно ПО.

```
mdyanushkevich@mdyanushkevich git-extended]$ git add .
mdyanushkevich@mdyanushkevich git-extended]$ git cz
cz-cli@4.3.0, cz-conventional-changelog@3.3.0

Select the type of change that you're committing: feat:
What is the scope of this change (e.g. component or file)?
Write a short, imperative tense description of the change:
(10) added file
Provide a longer description of the change: (press enter to skip)

Are there any breaking changes? No
Does this change affect any open issues? No
main 8287d11] feat(redme.md): added file
1 file changed, 15 insertions(+)
create mode 100644 package.json
mdyanushkevich@mdyanushkevich git-extended]$ git push
```

9. Устанавливаю шрифты.


```
[mdyanushkevich@mdyanushkevich git-extended]$ git flow init -f

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

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

How to name your supporting branch prefixes?
Feature branches? [feature/]
Bugfix branches? [bugfix/]
Release branches? [release/]
Hotfix branches? [hotfix/]
Support branches? [support/]
Version tag prefix? [] v
Hooks and filters directory? [/home/mdyanushkevich/git-extended/.git/hooks]
[mdyanushkevich@mdyanushkevich git-extended]$ git branch
* develop
  main
[mdyanushkevich@mdyanushkevich git-extended]$ git push --all
Всего 0 (изменений 0), повторно использовано 0 (изменений 0), повторно использовано пакетов 0
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:   https://github.com/MikePlim/git-extended/pull/new/develop
remote:
To github.com:MikePlim/git-extended.git
 * [new branch]      develop -> develop
[mdyanushkevich@mdyanushkevich git-extended]$ git branch --set-upstream-to=origin/develop develop
branch 'develop' set up to track 'origin/develop'.
```

10. Устанавливаю бинарный файл.

```
[mdyanushkevich@mdyanushkevich git-extended]$ git flow release start 1.0.0
Переключились 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'

[mdyanushkevich@mdyanushkevich git-extended]$ standard-changelog --first-release
✓ created CHANGELOG.md
✓ output changes to CHANGELOG.md
[mdyanushkevich@mdyanushkevich git-extended]$ git add CHANGELOG.md
[mdyanushkevich@mdyanushkevich git-extended]$ git commit -am 'chore(site): add changelog'
[release/1.0.0 cde0fa6] chore(site): add changelog
1 file changed, 9 insertions(+)
create mode 100644 CHANGELOG.md
[mdyanushkevich@mdyanushkevich git-extended]$
```

11. Создаю свой репозиторий.

```
[mdyanushkevich@mdyanushkevich git-extended]$ git flow featu
Переключились на новую ветку «feature/feature_branch»

Summary of actions:
- A new branch 'feature/feature_branch' was created, based o
- You are now on branch 'feature/feature_branch'

Now, start committing on your feature. When done, use:

    git flow feature finish feature_branch

[mdyanushkevich@mdyanushkevich git-extended]$ git flow featu
Переключились на ветку «develop»
Эта ветка соответствует «origin/develop».
Уже актуально.
Ветка feature/feature_branch удалена (была bde2643).
```

12. Подключаю репозиторий к своей системе.

```
[mdyanushkevich@mdyanushkevich git-extended]$ git
Переключились на новую ветку «release/1.2.3»

Summary of actions:
- A new branch 'release/1.2.3' was created, based
- You are now on branch 'release/1.2.3'

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

    git flow release finish '1.2.3'

[mdyanushkevich@mdyanushkevich git-extended]$ nar
[mdyanushkevich@mdyanushkevich git-extended]$ sta
✓ output changes to CHANGELOG.md
[mdyanushkevich@mdyanushkevich git-extended]$ git
[mdyanushkevich@mdyanushkevich git-extended]$ git
[release/1.2.3 b8cab60] chore(site): update chang
```

3 Выводы

В лабораторной работе №5 я освоил навыки по правильной настройке рабочей среды.