

Лабораторная работа №4

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Вводная часть

- Получение навыков правильной работы с репозиториями git.

Основная часть

```
neardeev@neardeev:~$ sudo apt-get update
[sudo] пароль для neardeev:
Сущ:1 http://ru.archive.ubuntu.com/ubuntu jammy InRelease
Сущ:2 http://ru.archive.ubuntu.com/ubuntu jammy-updates InRelease
Сущ:3 http://ru.archive.ubuntu.com/ubuntu jammy-backports InRelease
Сущ:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Чтение списков пакетов... Готово
neardeev@neardeev:~$ sudo apt-get install git-flow
Чтение списков пакетов... Готово
Построение дерева зависимостей... Готово
Чтение информации о состоянии... Готово
Следующие пакеты устанавливались автоматически и больше не требуются:
 libcmark-gfm-extensions0.29.0.gfm.3 libcmark-gfm0.29.0.gfm.3 pandoc-
Для их удаления используйте «sudo apt autoremove».
```

Рис. 1: git-flow

Проверим на практике commitizen

```
neardeev@neardeev:~/git-extended$ git add .
neardeev@neardeev:~/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:      A new feature
What is the scope of this change (e.g. component or file name): (press enter to skip)
Write a short, imperative tense description of the change (max 94 chars):
9) new files
Provide a longer description of the change: (press enter to skip)

Are there any breaking changes? Yes
A BREAKING CHANGE commit requires a body. Please enter a longer description of the commit itself:
new files
Describe the breaking changes:
new files
Does this change affect any open issues? Yes
Add issue references (e.g. "fix #123", "re #123".):
fg
[master b922158] feat: new files
1 file changed, 15 insertions(+)
create mode 100644 package.json
neardeev@neardeev:~/git-extended$
```

Создадим релиз и запишем в файл изменений

```
neardeev@neardeev:~/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 'main'
- 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'
```

```
neardeev@neardeev:~/git-extended$ standard-changelog --first-release
```

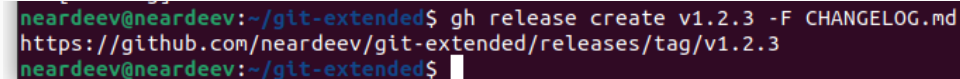
✓ created **CHANGELOG.md**

✓ output changes to **CHANGELOG.md**

```
neardeev@neardeev:~/git-extended$
```

```
git add CHANGELOG.md
```

```
git commit -am 'chore(site): add changelog'
```

A terminal window with a dark purple background. The prompt is 'neardeev@neardeev:~/git-extended\$'. The command entered is 'gh release create v1.2.3 -F CHANGELOG.md'. The output is 'https://github.com/neardeev/git-extended/releases/tag/v1.2.3'. The prompt is repeated at the end of the line.

```
neardeev@neardeev:~/git-extended$ gh release create v1.2.3 -F CHANGELOG.md
https://github.com/neardeev/git-extended/releases/tag/v1.2.3
neardeev@neardeev:~/git-extended$
```

Рис. 4: релиз

now

 neardeev

 v1.2.3

 183bcda 

Compare ▾

v1.2.3

Latest



1.2.3 (2024-3-3)

1.0.0 (2024-3-3)

Features

- change ([0bb5bc7](#))

▼ Assets

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 [Source code](#) (zip)

1 minute ago

 [Source code](#) (tar.gz)

1 minute ago



Результаты

- Научились выпускать релизы на GitHub