

Лабораторная работа №4

Продвинутое использование git

Зубов И.А.

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Российский университет дружбы народов, Москва, Россия

Информация

- Зубов Иван Александрович
- Студент
- Российский университет дружбы народов
- 1132243112@pfur.ru

Выполнение лабораторной работы

Установка Node.js

[illegible]

[illegible]

Общепринятые коммиты

```

root@kali:~/Downloads# ./pgm-add -g csmittian

Update available: 0.10.0 > 0.10.2
Changelog: https://github.com/pgmpy/pgmpy/releases/tag/v0.10.2
Run "python self-update" to update.

Follow pgmpy for updates: https://p.com/pgmpy

root@kali:~/Downloads# ./pgm-add -g global-2.3, leftlight-8.6
Package: 151
Progress: required 151, reseed 0, downloaded 151, added 151, done

/home/ranaboy/.local/share/pgmpy/global/151
csmittian 0.10.2

Now to 12.44
root@kali:~/Downloads# ./pgm-add -g standard-charging
root@kali:~/Downloads# ./pgm-add -g global-2.3, leftlight-8.6
Package: 151
Progress: required 151, reseed 151, downloaded 151, added 151, done

/home/ranaboy/.local/share/pgmpy/global/151
standard-charging 0.10.2

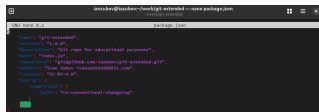
Now to 8.24
root@kali:~/Downloads#

```


Создаем репозиторий, делаем первый коммит и отправляем на Github

```
tasobek@tasobek:~/work/git-extended$ git commit -m "first commit"
[master (root-commit) 2f2b6d] first commit
2 files changed, 1 insertion(+)
create mode 100644 README.md
tasobek@tasobek:~/work/git-extended$ git branch -M main
tasobek@tasobek:~/work/git-extended$ git remote add origin git@github.com:tasobek/git-extended.git
tasobek@tasobek:~/work/git-extended$ git push -u origin main
remote: Enumerating objects: 3, done.
remote: compressing from 100% to 100%
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
to github.com:tasobek/git-extended.git
+ [new branch] main -> main
push: main set up to track 'origin/main'.
tasobek@tasobek:~/work/git-extended$
```

Редактируем package.json



```
benker@benker-laptop:~/work/gtt-extended$ nano package.json
package.json
1.0.0 0.0.0
{
  "name": "gtt-extended",
  "version": "0.0.0",
  "description": "GTT repo for educational purposes",
  "main": "index.js",
  "scripts": {
    "start": "node index.js"
  },
  "dependencies": {
    "gtt": "0.0.0"
  },
  "devDependencies": {
    "gtt": "0.0.0"
  },
  "keywords": [
    "gtt",
    "gtt-extended"
  ],
  "author": "Benker, David",
  "license": "MIT"
}
```

Добавляем новые файлы, выполняем коммит и отправляем на github

[illegible]

Инициализируем git-flow, загрузите весь репозиторий в хранилище и установите внешнюю ветку как вышестоящую для этой ветки

```
ianzobov@ianzobov:~/work/git-extended$ git flow init
Which branch should be used for bringing forth production releases?
  - main
branch name for production releases: [main]
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? []
hooks and filters directory? [/home/ianzobov/work/git-extended/.git/hooks]
ianzobov@ianzobov:~/work/git-extended$ git branch
* develop
main
ianzobov@ianzobov:~/work/git-extended$ git push --all
✓
ianzobov@ianzobov:~/work/git-extended$ git push --all
total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:   https://github.com/ianzobov/git-extended/pull/new/develop
remote:
to github.com:ianzobov/git-extended.git
* [new branch]    develop -> develop
ianzobov@ianzobov:~/work/git-extended$ git branch --set-upstream-to=origin/develop develop
branch 'develop' set up to track 'origin/develop'.
```

Конфигурация git-flow

Создадим релиз с версией 1.0.0, следующей командой создадим журнал изменений, добавим журнал изменений в индекс, зальём релизную ветку в основную ветку и отправим данные на github

```
alexander@alexdev:~/work/git-extended$ git flow release start 1.0.0
Инициализация на ветке ветки 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 files in preparing your release
- When done, run:

    git flow release finish '1.0.0'

alexander@alexdev:~/work/git-extended$ standard-changelog --first-release
✔ created CHANGELOG.md
alexander@alexdev:~/work/git-extended$ git add CHANGELOG.md
alexander@alexdev:~/work/git-extended$ git commit -m 'chore(cite): add changelog'
release/1.0.0 (richard) chore(cite): add changelog
3 file changed, 9 insertions(+), 1 deletion(-)
create mode 100644 CHANGELOG.md
alexander@alexdev:~/work/git-extended$ git flow release finish 1.0.0
Инициализация на ветке main
✔ merge commit ready: origin/main..
merge made by the 'ort' strategy.
CHANGELOG.md | 9 ++++++++
3 file changed, 9 insertions(+), 1 deletion(-)
create mode 100644 CHANGELOG.md
done на main!

Ваш сервис оповещает origin/main на 2 момента.
(создаётся git push, но не отправляется, так как нет коммита)
fatal: not a git repository (or not checked out to a commit)
fatal: tagging failed: please run fusesia again to retry.
alexander@alexdev:~/work/git-extended$ git push --all
Инициализация отправки: 5, готово.
Инициализация отправки: 100% (5/5), готово.
for main: отправка информации об 8 объектах
main отправка: 100% (4/4), готово.
сервис отправка: 100% (4/4), 2.37 sec 1.37 Mbit/s, готово.
total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
to github.com:alexdev/git-extended git
git push --all -- main -> main
```

