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Кафедра Системного проектування

Лабораторна робота № 1
з предмету «Проектування інформаційних систем»

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Варіант № 7

Мета роботи: за допомогою системи контролю версій завантажити коди програми у репозиторій. Відтворити типовий цикл розробки програмного забезпечення з використанням системи контролю версій

Хід роботи:

1. Клонуємо репозиторій

```
MacBook-Pro-2:proj_univ yaroslav$ git clone https://github.com/ElenaGrischenko/isd_da72.git
Cloning into 'isd_da72'...
remote: Enumerating objects: 29, done.
remote: Counting objects: 100% (29/29), done.
remote: Compressing objects: 100% (28/28), done.
remote: Total 734 (delta 8), reused 5 (delta 1), pack-reused 705
Receiving objects: 100% (734/734), 29.81 MiB | 2.87 MiB/s, done.
Resolving deltas: 100% (252/252), done.
```

2. Створимо власну гілку

```
MacBook-Pro-2:proj_univ yaroslav$ cd isd_da72/
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
MacBook-Pro-2:isd_da72 yaroslav$ git checkout -b zarichnyi_yaroslav
Switched to a new branch 'zarichnyi_yaroslav'
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch zarichnyi_yaroslav
nothing to commit, working tree clean
MacBook-Pro-2:isd_da72 yaroslav$
```

3. Додамо файл з назвою проекту в власній папці.

```
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch zarichnyi_yaroslav
nothing to commit, working tree clean
MacBook-Pro-2:isd_da72 yaroslav$ touch README.md
MacBook-Pro-2:isd_da72 yaroslav$ vim README.md
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch zarichnyi_yaroslav
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
MacBook-Pro-2:isd_da72 yaroslav$ git add README.md
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch zarichnyi_yaroslav
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

MacBook-Pro-2:isd_da72 yaroslav$ git commit -m 'added file with project name'
[zarichnyi_yaroslav 7a8c3bc] added file with project name
 1 file changed, 2 insertions(+), 2 deletions(-)
MacBook-Pro-2:isd_da72 yaroslav$ git status
On branch zarichnyi_yaroslav
nothing to commit, working tree clean
```

4. Завантажимо його в репозиторі

```
MacBook-Pro-2:isd_da72 yaroslav$ git push --set-upstream origin zarichnyi_yaroslav
Username for 'https://github.com': zarechnyy
Password for 'https://zarechnyy@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 316 bytes | 316.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'zarichnyi_yaroslav' on GitHub by visiting:
remote:   https://github.com/ElenaGrischenko/isd_da72/pull/new/zarichnyi_yaroslav
remote:
To https://github.com/ElenaGrischenko/isd_da72.git
 * [new branch]      zarichnyi_yaroslav -> zarichnyi_yaroslav
Branch 'zarichnyi_yaroslav' set up to track remote branch 'zarichnyi_yaroslav' from 'origin'.
MacBook-Pro-2:isd_da72 yaroslav$
```

ElenaGrischenko / isd_da72

<> Code

Issues

Pull requests 3

Actions

Projects

Wiki

Security

Insights

zarichnyi_yaroslav had recent pushes 1 minute ago

Compare & pull request

zarichnyi_yaro...

18 branches

0 tags

Go to file

Add file

Code

This branch is 1 commit ahead of master.

Pull request

Compare

Yaroslav added file with project name7a8c3bc 3 minutes ago 65 commits

Avdienko_Vladyslav	Students folders added	12 days ago
Bilorus_Ira	feat: add project name file	4 days ago
Chernomaz_Vadym	lab 1 conclusion extended	4 days ago
Diakonov_Denys	lab protocols	4 days ago
Hryshchenko_Olena	Feat: Changed README.md	4 days ago
Kandel_Kirill	feat: add protocol to lab 1	6 days ago
Khamenko_Yaroslav	lab1 protocol added	4 days ago

5. Зробимо ПР в master

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: master

compare: zarichnyi_yaroslav

✓ Able to merge. These branches can be automatically merged.

added file with project name

Write

Preview

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Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

6.

Add more commits by pushing to the **zarichnyi_yaroslav** branch on **ElenaGrischenko/isd_da72**.

This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Оскільки поки що репозиторій не налаштований, то в мастер може пушити кожен.
Змержимо ПР в master

Merged zarechnyy merged 1 commit into `master` from `zarichnyi_yaroslav` now

Conversation 0 Commits 1 Checks 0 Files changed 1 +2 -2

zarechnyy commented 1 minute ago Collaborator

No description provided.

added file with project name 7a8c3bc

zarechnyy self-assigned this 37 seconds ago

zarechnyy added the `documentation` label 25 seconds ago

zarechnyy merged commit `3795be6` into `master` now Revert

Pull request successfully merged and closed Delete branch

You're all set—the `zarichnyi_yaroslav` branch can be safely deleted.

Reviewers
No reviews

Assignees
 zarechnyy

Labels
`documentation`

Projects
None yet

Milestone
No milestone

Linked issues
Successfully merging this pull request may close these issues.

Гілка успішно перенесена в master

Висновок: В даній роботі ознайомився з системою контролю версій git та з базовими командами. В процесі роботи намагався імітувати gitlflow реального проекту. Ознайомився з основними командами для ефективної роботи з git. Особливих труднощій під час виконання роботи не було.