

Отчёт по 2 этапу индивидуального проекта

Создание сайта

Городянский Фёдор Николаевич

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1 Цель работы

Изменение главной страницы и создание 2 постов.

2 Задание

1. Изменить главную страницу
2. Создать пост про первую неделю
3. Создать пост про гит.

3 Выполнение лабораторной работы

1. В content/post открыли файл index.md и изменили имя и фамилию.

```
---  
# Display name  
title: Fedor Gorodiansky  
  
# Full name (for SEO)  
first_name: Fedor  
last_name: Gorodiansky
```


```
# Role/position/tagline  
role: RUDN student  
  
# Organizations/Affiliations to show in About widget  
organizations:  
- name: People's Friendship University of Russia.  
  url: https://www.rudn.ru/  
  
# Short bio (displayed in user profile at end of posts)  
bio: My research interests include distributed robotics, mobile computing and sport.  
  
# Interests to show in About widget  
interests:  
- Programming  
- Reading books  
- Sport  
  
# Education to show in About widget  
education:  
courses:  
- course: Computer science.  
  institution: People's Friendship University of Russia.  
  year: 2022
```

2. Поменяли данные об авторе.

```
# Enter email to display Gravatar (if Gravatar enabled in Config)  
email: 'gorodianskyfedor@gmail.com'  
  
# Highlight the author in author lists? (true/false)  
highlight_name: true  
---
```

3. Написали личную информацию.







```
Fedor Gorodiansky is a student of the People's Friendship University of Russia. Participates in programming Olympiads. Wants to become a developer.  
(style="text-align: justify;")
```



Fedor Gorodiansky

RUDN student

People's Friendship University of Russia.

Fedor Gorodiansky is a student of the People's Friendship University of Russia. Participates in programming Olympiads. Wants to become a developer.

4. Открыли файл index.md в папке week1 и прописали информацию.

```

---
title: How was my first week.
subtitle: Welcome 🙌 It's my first post!!!
# Summary for listings and search engines
summary: Welcome 🙌 We know that first impressions are important, so we've populated your new site with some initial content to help you get familiar with everything in no time.
# Link this post with a project
projects: []
# Date published
date: '2023-03-09T00:00:00Z'
# Date updated
lastmod: '2023-03-09T00:00:00Z'
# Is this an unpublished draft?
draft: false
# Show this page in the Featured widget?
featured: false
# Featured Image
# Place an image named 'featured.jpg/png' in this page's folder and customize its options here.
image:
  caption: 'Image credit: [unsplash+]' (https://unsplash.com/photos/Cpk0Jocdyv)
  focal_point: ''
  placement: 2
  preview_only: false
authors:
  - admin
tags:
  - 1 week
categories:
  - post 1
---
## Overview
1. Last week I did 2 laboratory work on the course operating systems.
2. I went to the cinema with a friend to see the Russian film "Chekage", which I don't advise anyone to watch.
3. I read George Claydon's book "The richest man in Xanyla", the book describes the history of the emergence of the principles of money management that we use in the present.
4. I went to the gym 4 times.

```

How was my first week.

Welcome 🙌 We know that first impressions are important, so we've populated your new site with some initial content to help you get familiar with everything in no time.

Fedor Gorodiansky

Mar 9, 2023 · 1 min read · post 1

```

---
title: Git
subtitle: System control git
# Summary for listings and search engines
summary: Welcome 🙌 We know that first impressions are important, so we've populated your new site with some initial content to help you get familiar with everything in no time.
# Link this post with a project
projects: []
# Date published
date: '2023-03-09T00:00:00Z'
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# Is this an unpublished draft?
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# Place an image named 'featured.jpg/png' in this page's folder and customize its options here.
image:
  caption: 'Image credit: [unsplash+]' (https://unsplash.com/photos/Cpk0Jocdyv)
  focal_point: ''
  placement: 2
  preview_only: false
authors:
  - admin
tags:
  - git
categories:
  - post 2
---

```

5. Открыли файл index.md в папке post2 и внесли изменения.

If you are a graphic or web designer and you want to save each version of an image or layout (most likely you will), the version control system (hereinafter referred to as **VCS**) – just what you state they were in before the changes, return the project to its original state, see the changes, see who last changed something and caused the problem, who set the task and when, and much more you have broken something or lost files, you can safely fix everything. In addition to everything, you will get it all without any extra effort.

2. ••Local version control systems••

Many people use copying files to a separate directory as a version control method (perhaps even a directory with a time stamp, if they are smart enough). This approach is very common because to errors. You can easily forget which directory you are in and accidentally change the wrong file or copy the wrong files that you wanted. In order to solve this problem, programmers have long ago developed local **VCS** with a simple database that stores records of all changes in files, thereby monitoring revisions.

[[local]](local.png)
•Figure 1. Local version control

3. ••Centralized version control systems••

The next major problem that people face is the need to interact with other developers. In order to deal with it, centralized version control systems (**CVCS**) were developed. Systems such as **CVS** server containing all versions of files, and a number of clients that receive files from this centralized repository. The use of **CVCS** has been the standard for many years.

[[cvcs]](cvcs.png)
This approach has many advantages, especially over local **VCS**. For example, all project developers know to a certain extent what each of them is doing. Administrators have full control over and administer the **CVCS** then to operate local databases on each client. Despite this, this approach also has serious disadvantages. The most obvious disadvantage is a single point of failure represented by a centralized server. If this server goes down for an hour to use version control to save the changes they are working on, and no one will be able to share these changes with other developers. If the hard disk on which the central database is stored you will lose everything – the entire history of the project, not counting single repository snapshots that have been saved on local developer machines. Local **VCS** suffer from the same problem in one place, you risk losing everything.

[[Distributed version control]](centralized.png)
•Figure 2. Centralized version control

4. ••Distributed version control systems••

This is where distributed version control systems (**DVCS**) come into play. In **DVCS** (such as **Git**, **Mercurial**, **Bazaar** or **Darcs**), clients do not just download a snapshot of all files (the state of completely copy the repository. In this case, if one of the servers through which the developers exchanged data dies, any client repository can be copied to another server to continue working backup of all data.

[[dvcs]](distributed.png)
Moreover, many **DVCS** can simultaneously interact with several remote repositories, thanks to this you can work with different groups of people using different approaches at the same time with several approaches to development at once, for example, hierarchical models, which is completely impossible in centralized systems.

[[Centralized version control]](distributed.png)
•Figure 3. Distributed version control

Cit

Welcome 🌟 We know that first impressions are important, so we site with some initial content to help you get familiar with everything

Fedor Gorodiansky
Mar 9, 2023 · 4 min read · 📄 post 2

4 Выводы

Внес личную информацию на главную страницу и создал 2 поста.