

Индивидуальный проект

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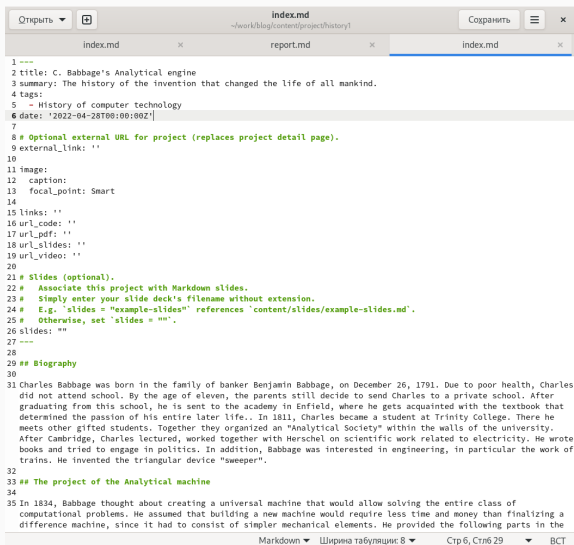
Пятый этап

Цель работы

- Сделать записи для персональных проектов.
- Сделать пост по прошедшей неделе.
- Добавить пост на тему “Языки научного программирования”.

Для создания проекта перешли в каталог
`/content/project/example/` и изменяли в нём файл `index.md`
(рис. 1 и рис. 2)

Создание проекта



```
1 ---
2 title: C. Babbage's Analytical engine
3 summary: The history of the invention that changed the life of all mankind.
4 tags:
5   - History of computer technology
6 date: '2022-04-28T00:00:00Z'
7
8 # Optional external URL for project (replaces project detail page).
9 external_link: ''
10
11 image:
12   caption:
13   focal_point: Smart
14
15 links: ''
16 url_code: ''
17 url_pdf: ''
18 url_slides: ''
19 url_video: ''
20
21 # Slides (optional).
22 #   Associate this project with Markdown slides.
23 #   Simply enter your slide deck's filename without extension.
24 #   E.g. 'slides = "example-slides"' references 'content/slides/example-slides.md'.
25 #   Otherwise, set 'slides = ""'.
26 slides: ""
27 ---
28
29 ## Biography
30
31 Charles Babbage was born in the family of banker Benjamin Babbage, on December 26, 1791. Due to poor health, Charles did not attend school. By the age of eleven, the parents still decide to send Charles to a private school. After graduating from this school, he is sent to the academy in Enfield, where he gets acquainted with the textbook that determined the passion of his entire later life.. In 1811, Charles became a student at Trinity College. There he meets other gifted students. Together they organized an "Analytical Society" within the walls of the university. After Cambridge, Charles lectured, worked together with Herschel on scientific work related to electricity. He wrote books and tried to engage in politics. In addition, Babbage was interested in engineering, in particular the work of trains. He invented the triangular device "sweeper".
32
33 ## The project of the Analytical machine
34
35 In 1834, Babbage thought about creating a universal machine that would allow solving the entire class of computational problems. He assumed that building a new machine would require less time and money than finalizing a difference machine, since it had to consist of simpler mechanical elements. He provided the following parts in the
```

Figure 1: Создание проекта

Создание проекта

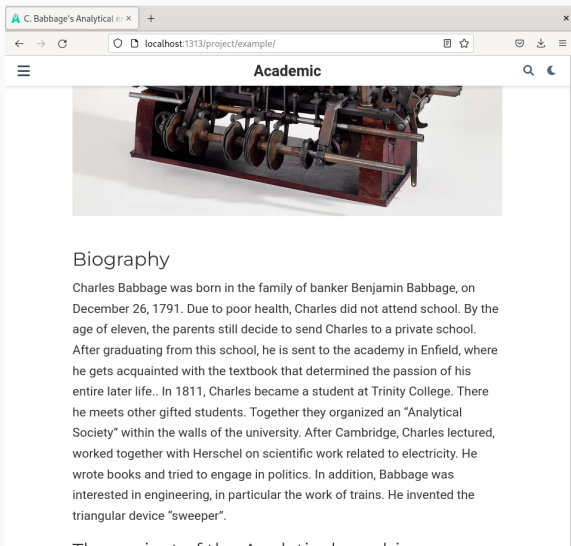
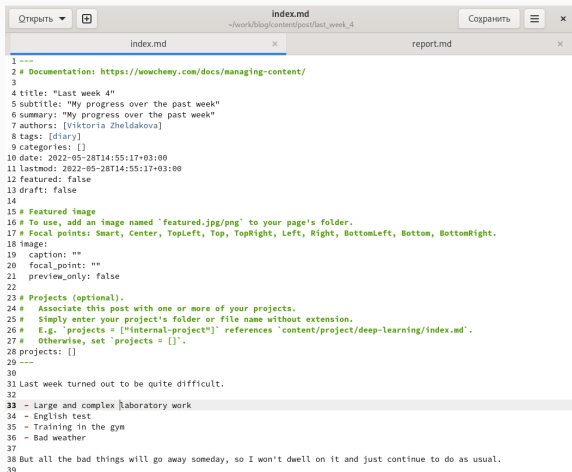


Figure 2: Результат создания проекта

Создание постов

Используя команду `hugo new post` создали файлы для нового поста по прошедшей неделе и для поста по выбранной теме. Оформили посты и сохранили (рис. 3, рис. 4, рис. 5 и рис. 6).



```
1 ---
2 # Documentation: https://www.vowchemy.com/docs/managing-content/
3
4 title: "Last week 4"
5 subtitle: "My progress over the past week"
6 summary: "My progress over the past week"
7 authors: [Viktor Zheldakova]
8 tags: [diary]
9 categories: []
10 date: 2022-05-28T14:55:17+03:00
11 lastmod: 2022-05-28T14:55:17+03:00
12 featured: false
13 draft: false
14
15 # Featured image
16 # To use, add an image named 'featured.jpg/png' to your page's folder.
17 # Focal points: Smart, Center, TopLeft, Top, TopRight, Left, Right, BottomLeft, Bottom, BottomRight.
18 image:
19   caption: ""
20   focal_point: ""
21   preview_only: false
22
23 # Projects (optional).
24 # Associate this post with one or more of your projects.
25 # Simply enter your project's folder or file name without extension.
26 # E.g. 'projects = ["internal-project"]' references 'content/project/deep-learning/index.md'.
27 # Otherwise, set 'projects = []'.
28 projects: []
29 ---
30
31 Last week turned out to be quite difficult.
32
33 - Large and complex laboratory work
34 - English test
35 - Training in the gym
36 - Bad weather
37
38 But all the bad things will go away someday, so I won't dwell on it and just continue to do as usual.
39
```

Создание постов

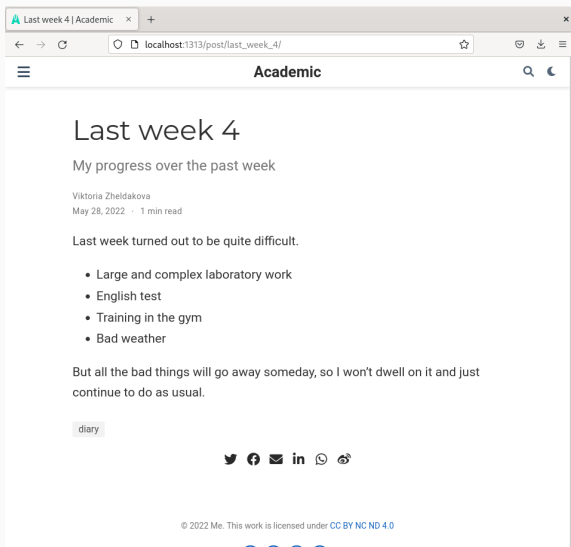
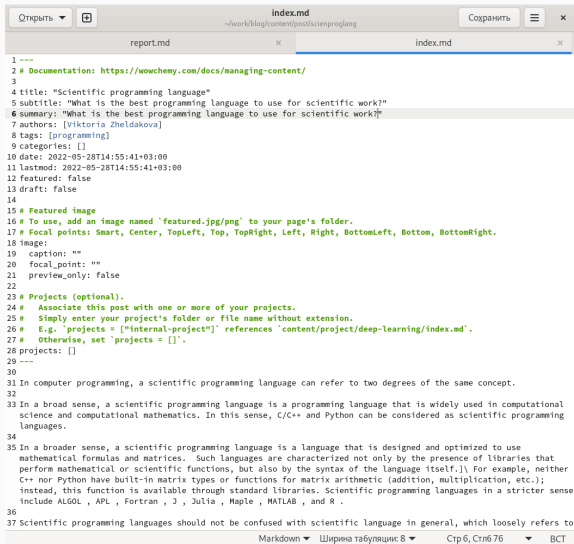


Figure 4: Результат добавления поста по прошедшей неделе

Создание постов



The screenshot shows a web-based Markdown editor with a top bar containing a file explorer, the filename 'index.md', and buttons for 'Сохранить' (Save) and a close icon. Below the bar, a tab for 'index.md' is active. The main area contains a Markdown template with fields for title, subtitle, summary, authors, tags, categories, date, last modified, featured image, focal points, and projects. The template is followed by a paragraph of text in Russian discussing scientific programming languages.

```
1 ---
2 # Documentation: https://wowchemy.com/docs/managing-content/
3
4 title: "Scientific programming language"
5 subtitle: "What is the best programming language to use for scientific work?"
6 summary: "What is the best programming language to use for scientific work?"
7 authors: [Viktoriya Zheldakova]
8 tags: [programming]
9 categories: []
10 date: 2022-05-28T14:55:41+03:00
11 lastmod: 2022-05-28T14:55:41+03:00
12 featured: false
13 draft: false
14
15 # Featured image
16 # To use, add an image named `featured.jpg/png` to your page's folder.
17 # Focal points: Smart, Center, TopLeft, Top, TopRight, Left, Right, BottomLeft, Bottom, BottomRight.
18 image:
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22
23 # Projects (optional).
24 # Associate this post with one or more of your projects.
25 # Simply enter your project's folder or file name without extension.
26 # E.g. `projects = ["internal-project"]` references `content/project/deep-learning/index.md`.
27 # Otherwise, set `projects = []`.
28 projects: []
29 ---
30
31 In computer programming, a scientific programming language can refer to two degrees of the same concept.
32
33 In a broad sense, a scientific programming language is a programming language that is widely used in computational science and computational mathematics. In this sense, C/C++ and Python can be considered as scientific programming languages.
34
35 In a broader sense, a scientific programming language is a language that is designed and optimized to use mathematical formulas and matrices. Such languages are characterized not only by the presence of libraries that perform mathematical or scientific functions, but also by the syntax of the language itself. For example, neither C++ nor Python have built-in matrix types or functions for matrix arithmetic (addition, multiplication, etc.); instead, this function is available through standard libraries. Scientific programming languages in a stricter sense include ALGOL, APL, Fortran, J, Julia, Maple, MATLAB, and R.
36
37 Scientific programming languages should not be confused with scientific language in general, which loosely refers to
```

Markdown ▾ Ширина таблицы: 8 ▾ Стр 6, Стлб 76 ВСТ

Figure 5: Создание поста по теме на выбор

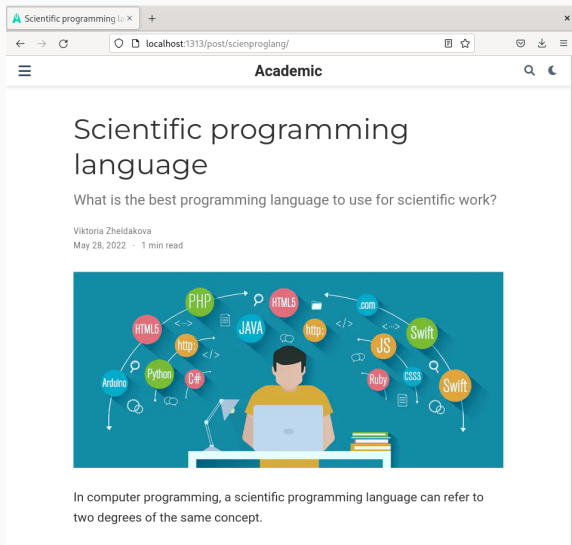


Figure 6: Результат добавления поста по теме на выбор

- Сделали записи для персональных проектов.
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