

Отчет по 5 этапу индивидуального проекта

Дисциплина: Операционные системы

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Содержание

Цель работы	5
Задание	6
Теоретическое введение	7
Выполнение лабораторной работы	8
Выводы	11
Список литературы	12

Список иллюстраций

0.1	Пресональный проект	8
0.2	Past week	9
0.3	Языки научного программирования	10

Список таблиц

Цель работы

- Добавить с сайта все остальные элементы

Задание

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

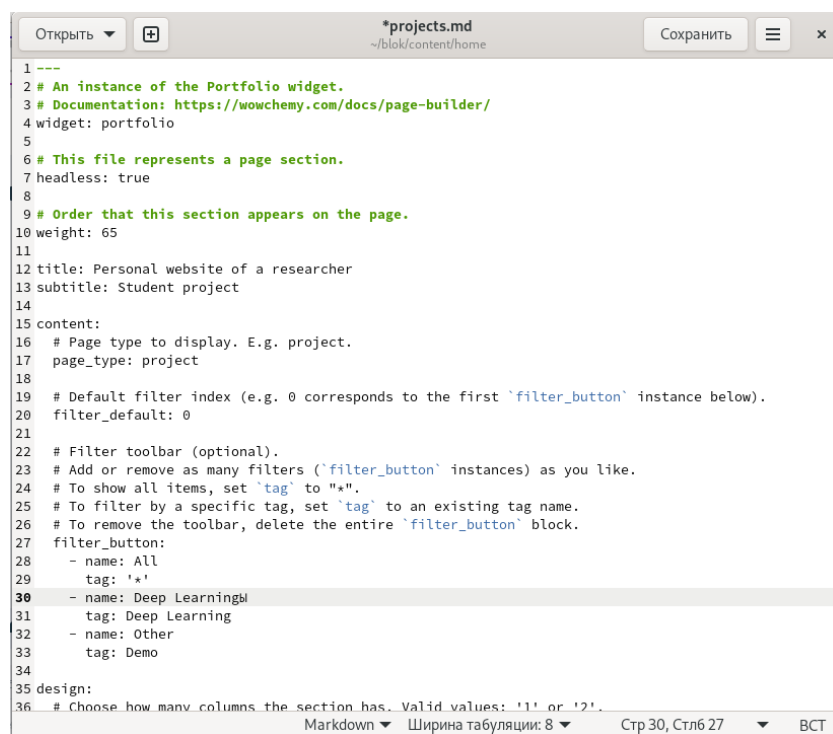
Теоретическое введение

Статический генератор сайта Hugo

-Статический генератор сайта — программа, которая из различных исходных файлов (картинок, шаблонов в разных форматах, текстовых файлов и т.п) генерирует статический HTML-сайт. Один из ярких представителей — Hugo. Разработчики позиционируют Hugo, как «самая быстрая в мире платформа для создания сайтов».

Выполнение лабораторной работы

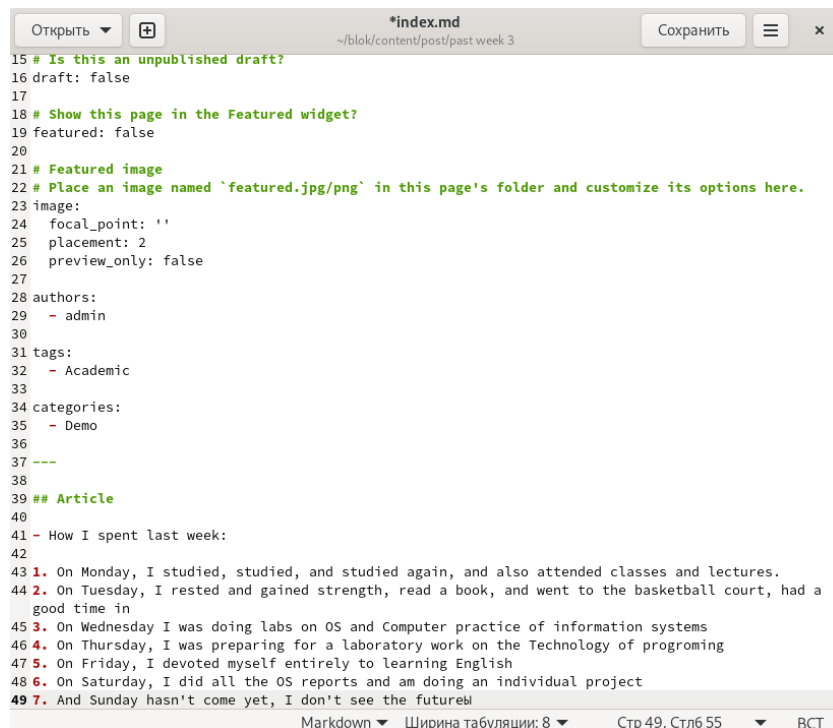
1. Сделал записи для персональных проектов (рис. [-@fig:001])



```
1 ---
2 # An instance of the Portfolio widget.
3 # Documentation: https://wowchemy.com/docs/page-builder/
4 widget: portfolio
5
6 # This file represents a page section.
7 headless: true
8
9 # Order that this section appears on the page.
10 weight: 65
11
12 title: Personal website of a researcher
13 subtitle: Student project
14
15 content:
16 # Page type to display. E.g. project.
17 page_type: project
18
19 # Default filter index (e.g. 0 corresponds to the first `filter_button` instance below).
20 filter_default: 0
21
22 # Filter toolbar (optional).
23 # Add or remove as many filters (`filter_button` instances) as you like.
24 # To show all items, set `tag` to "*".
25 # To filter by a specific tag, set `tag` to an existing tag name.
26 # To remove the toolbar, delete the entire `filter_button` block.
27 filter_button:
28 - name: All
29   tag: '*'
30 - name: Deep Learning
31   tag: Deep Learning
32 - name: Other
33   tag: Demo
34
35 design:
36 # Choose how many columns the section has. Valid values: '1' or '2'.
```

Рис. 0.1: Персональный проект

2. Сделал пост по прошедшей неделе (рис. [-@fig:002])



```
15 # Is this an unpublished draft?
16 draft: false
17
18 # Show this page in the Featured widget?
19 featured: false
20
21 # Featured image
22 # Place an image named `featured.jpg/png` in this page's folder and customize its options here.
23 image:
24   focal_point: ''
25   placement: 2
26   preview_only: false
27
28 authors:
29   - admin
30
31 tags:
32   - Academic
33
34 categories:
35   - Demo
36
37 ---
38
39 ## Article
40
41 - How I spent last week:
42
43 1. On Monday, I studied, studied, and studied again, and also attended classes and lectures.
44 2. On Tuesday, I rested and gained strength, read a book, and went to the basketball court, had a
   good time in
45 3. On Wednesday I was doing labs on OS and Computer practice of information systems
46 4. On Thursday, I was preparing for a laboratory work on the Technology of programming
47 5. On Friday, I devoted myself entirely to learning English
48 6. On Saturday, I did all the OS reports and am doing an individual project
49 7. And Sunday hasn't come yet, I don't see the future
```

Рис. 0.2: Past week

3. Добавил пост на тему по выбору: “Языки научного программирования” (рис. [-@fig:003])

```
31 tags:
32 - Academic
33
34 categories:
35 - Demo
36
37 ---
38
39 ## Article
40
41
42 - Scientific programming is a highly oriented programming style for scientific calculations. It is
distinguished from other types of programming by the extreme correctness and stability of the final
product, the strict separation of the scientific and interface parts, the individuality of
algorithms, as well as the predominance of efficiency over versatility.
43
44 - C++ Despite the fact that this programming language was created in the early eighties of the last
century, it can be attributed to modern, since it has not lost popularity among programmers, but on
the contrary is used by high-level professionals. To this day, C-plus-plus is considered the most
common programming language (gradually losing ground, yielding to the languages of the Java
family), the ability to master which is the responsibility of any programmer. C++ is based on a
compiled statistically typed C programming language
45
46 - The Java programming language is strongly typed and is designed for object-oriented programming.
Java, like C++, is based on the basic C language. The main feature of the language is the use of a
virtual machine that processes program code independently of the operating system and computer
hardware. The advantages of this processing method include increased security, and the
disadvantages include a decrease in performance, which is being fought with the help of
improvements in ways of working with byte code.
47
48 - Python is an increasingly popular and actively developing general-purpose programming language.
It has a relatively small number of simple commands, which undoubtedly makes its syntax one of the
simplest among modern languages. Ease of learning and a large number of programming styles
(including structural, functional, object-oriented, imperative and aspect-oriented) are the
undoubted advantages of the so-called Python. Code written in Python by one programmer is easily
read by others, which makes it easier to work with the code.
```

Markdown Ширина табуляции: 8 Стр 48, Стлб 4 ВСТ

Рис. 0.3: Языки научного программирования

Выводы

- Добавил с сайта все остальные элементы

Список литературы