



M5 Wizards of Java

Content creation manual

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Introduction

Our project “Wizards of Java” is connected with a headless CMS that makes it easy to maintain the content of the website. In the following manual we would like to give an example on how to change the content of the application without even touching the code. The purpose is that future maintainers understand the system and figure out how to manage the content.

To make sure that not everyone is able to change the website’s content, the content is hidden behind a login. You will need some credentials to access the backend. In case you are interested in editing, the developers must be contacted so that they can give you all the credentials.

Steps

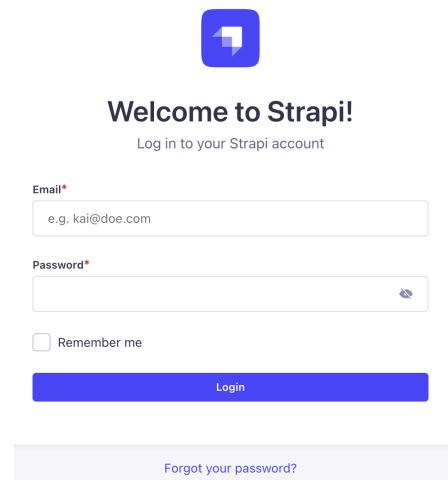
1. Visit the headless strapi CMS
<https://strapi.wizards-of-java.de/admin/>

The strapi backend application is used to maintain almost all content on the frontend website. As soon as new content is added here, it can be saved and published. As soon as the frontend application is called, the new content is fetched from the backend.

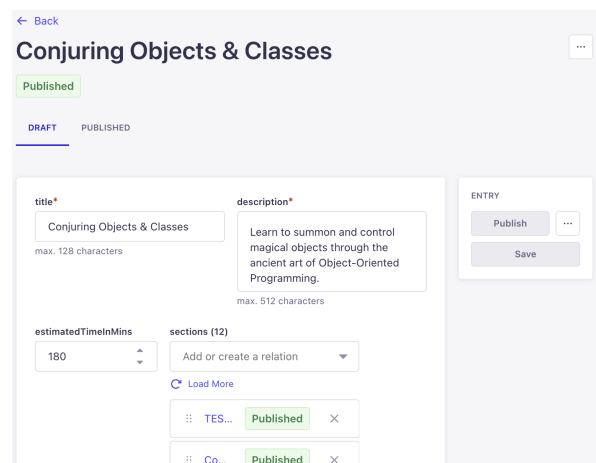
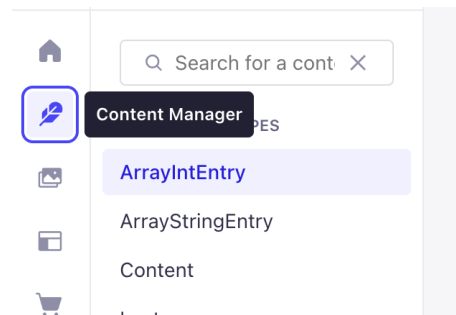
2. Login with admin credentials
3. Open the content manager in the menu on the left

In the content manager, all the content can be maintained. Let's assume we want to change the content of a specific lecture that is located in Unit 1.

4. Click on "Unit"
5. Click on the first unit entry to open its content. Currently it goes by the name "Conjuring Objects & Classes".
6. You can now already change the content of the actual unit overview page where all the units are listed. If you change e.g. the description, another description will be listed for this specific unit in the units overview page.



The image shows the Strapi login interface. At the top is the Strapi logo (a blue square with a white 'S'). Below it, the text 'Welcome to Strapi!' is displayed, followed by 'Log in to your Strapi account'. There are two input fields: 'Email*' with a placeholder 'e.g. kai@doe.com' and 'Password*'. Below the password field is a checkbox labeled 'Remember me'. A blue 'Login' button is at the bottom. A link 'Forgot your password?' is at the very bottom.



The image shows the Strapi Content Manager edit view for a content type named 'Conjuring Objects & Classes'. The status is 'Published'. There are two tabs: 'DRAFT' and 'PUBLISHED'. The form has two main sections: 'title*' and 'description*'. The title is 'Conjuring Objects & Classes' (max. 128 characters). The description is 'Learn to summon and control magical objects through the ancient art of Object-Oriented Programming.' (max. 512 characters). There are also fields for 'estimatedTimeInMins' (180) and 'sections (12)' (Add or create a relation). At the bottom, there are two rows of related content: 'TES...' (Published) and 'Co...' (Published). On the right, there are 'Publish' and 'Save' buttons.

Hint: You can only see the content if you're logged in the frontend application. In the frontend no special credentials are necessary. If you have no account yet, you can just create a new one. The unit overview is accessible via the url

<https://htw-javacademy.netlify.app/en/units>

7. Select a specific section. In this manual we are suggesting to select e.g. the first section “**Introduction**”. In case the section is not listed, click on “**Load more**” until the particular section is listed. In case you don't find the section “Introduction”, it could be the case that its name was maintained differently meanwhile. Then, you could also continue with another section for this tutorial.
8. Being in the section overview, you can now see the content that is listed in the frontend for this specific section under the URL <https://htw-javacademy.netlify.app/en/units/<id of section>>. Moreover, you see all the lectures that are available within this section. For the “Introduction”, we only see one lecture. Click on “**Unit 1 Section 1 Lecture 0**” or another lecture in case you are processing differently.

The screenshot shows a web form titled "Edit a relation" for "Unit 1 Section 0". The form includes several input fields and buttons. At the top right are "Save" and "Publish" buttons. The "titleInternal*" field contains "Unit 1 Section 0". Below it is a note: "Should have the form: Unit X Section X Lecture X". The "title*" field contains "Introduction" with a "max. 128 characters" limit. The "description" field contains "This short introduction will explain what you will learn in this unit and why." with a "max. 512 characters" limit. The "estimatedTimeInMins" field is a dropdown menu set to "5". The "lectures (1)" section shows a dropdown menu with "Add or create a relation" and a list of one item: "Unit 1 Section 1 Lecture 0" with a "Published" status and a close button.

9. In the following window, you can now maintain all the lecture content. This includes the key “**content**”, which covers a list with all the lecture components that should be used for this lecture. Click on the content element; in this case it is also named “**Introduction**”.

10. In the content list you can now add, remove or update all the available content entities. A pretty easy one is the text component. Click on the component “Text”.

Introduction

Published

Save

Publish



11. You can now change the introduction text that is listed in the particular lecture page in the frontend. E.g. you can add some text like “Hello World!”.



12. Save your changes via the “Save” button.

13. Save your changes via the “Publish” button (visible in the previous screenshot).