



SkillLab



# The Scenario Repository

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Artificial Intelligence 4 Adult Learning



# Scenario Repository: Why?

The Scenario Repository is one of the pillars of the methodology proposed by AI4AL to **encourage the adoption of tools based on artificial intelligence within the activities of adult educators.**

The reasons for this statement are soon explained. In a sector in its infancy, codified theoretical knowledge is necessarily limited. The collection of a rich series of problems and solutions deriving from practical experiences in the field responds to two complementary needs. On the one hand it is **useful for collecting data to analyse in order to arrive at more accurate and broader theoretical elaborations.**

But, at the same time, it is **essential to provide inspiration, examples and immediate practical solutions to those who find themselves having to solve a problem here and now**, without being able to wait for the results of the precious but slow process of analytical elaboration of knowledge.

Hence, the choice of the **"scenario"** tool, due to its adequacy to describe real and practical situations in a concise manner. **AI4AL has developed some templates adapted to the context and of different levels of complexity to facilitate the collection process and guarantee a reasonable level of uniformity.**



# Scenario Repository: Why?

Moreover, AI4AL Repository must meet **three practical requirements** :

1

Scenarios guarantee the fulfilment of the first requirement: to avoid losing the knowledge generated thanks to the skills of the hundreds of adult educators immediately involved in the project and the thousands who will hopefully follow them in the coming years. In fact, they offer a place to gather knowledge through a format that is easy to understand and quick to apply. The complexity of the tools is always a challenging entry barrier to overcome in the case of user-generated content.



# Scenario Repository: Why?

Moreover, AI4AL Repository must meet **three practical requirements** :

2

Ease of finding useful scenarios is the second indispensable requirement to meet in order to offer a useful service to adult educators who act as pioneers in the adoption of techniques and tools based on artificial intelligence. An excessive complexity of the search mechanism or the frustration resulting from finding predominantly irrelevant content are other powerful agents of discouragement that must be avoided.



# Scenario Repository: Why?

Moreover, AI4AL Repository must meet **three practical requirements** :

3

The third requirement is perhaps the most important: the active engagement of educators and their belief that they can effectively benefit from the repository. Here there are no fixed rules and automatic tools that guarantee success: a small act of faith in the goodness of human nature is required. The Scenario Repository will only work if enough educators believe that a sufficiently large number of their colleagues decide to sacrifice some of their precious time to compile at least one scenario with their experiences, generating a powerful multiplier effect.



# Wiki: the right technology for the job

The three requirements listed so far led to the choice of wiki as the technological platform to implement the Scenario Repository. Wikis were created to allow you to collaboratively create web content in a very simple way, they are equipped with powerful search functions and have in Wikipedia the best possible testimonial of the extraordinary advantage that crowdsourcing can bring to a motivated community.

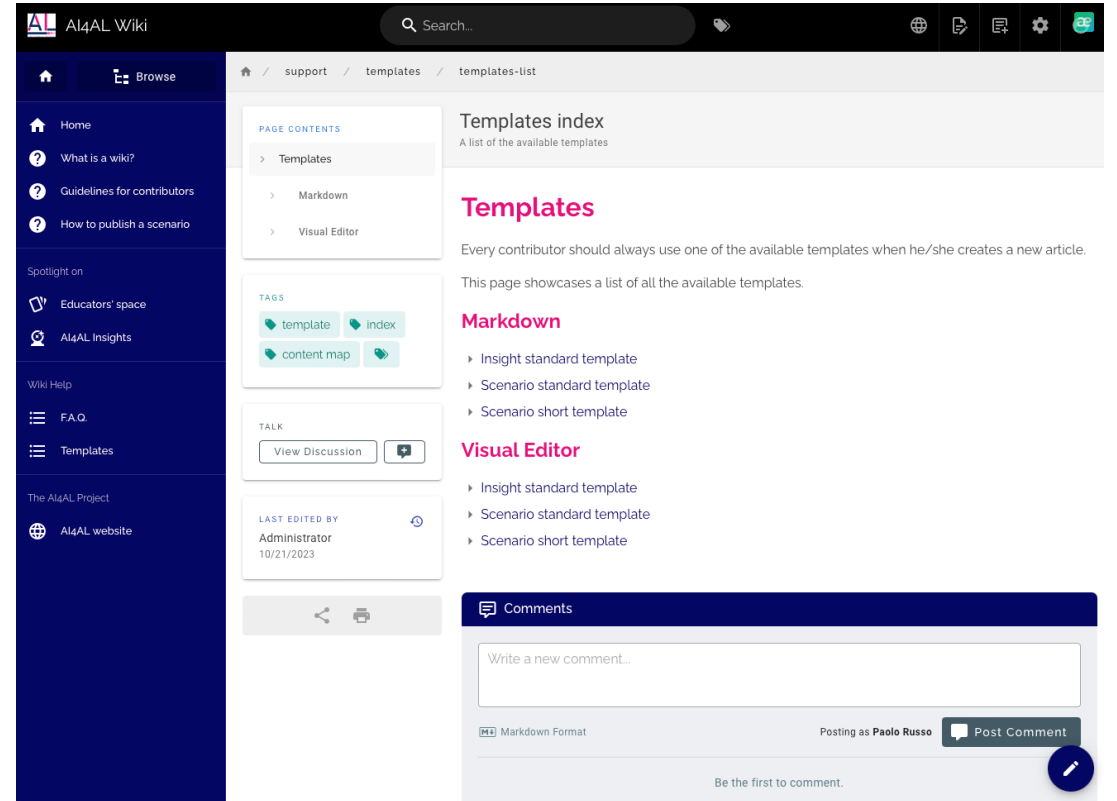


# Scenario Repository: How to participate

Contributing to the Scenario Repository is very simple. You have to:

1. Visit the website <https://ai4al.community>;
2. Create a free account;
3. Create a new page, using one of the available templates to share your scenario.
4. Explore to discover scenarios created by your colleagues and comment on them.
5. If you want, you can also publish articles of another nature to share information or resources useful to everyone.

In the next two chapters, you will discover how easy is performing these operations.



# Assignment

- Read the **"Wiki" entry on Wikipedia** in order to get accustomed with the first principles behind this participatory tool. Please, focus your attention especially on the “Characteristics” and “Communities” sections.



## Wiki

Article [Talk](#)

[Read](#) [View source](#) [View history](#) [Tools](#) ⌵

From Wikipedia, the free encyclopedia

*For other uses, see [Wiki \(disambiguation\)](#).*

A **wiki** (/wɪki/ <sup>ⓘ</sup> <sup>ⓘ</sup> *WĪ-kee*) is a form of online [hypertext](#) publication that is [collaboratively edited](#) and managed by its own audience directly through a [web browser](#). A typical wiki contains multiple pages for the subjects or scope of the project, and could be either open to the public or limited to use within an organization for maintaining its internal [knowledge base](#).

Wikis are enabled by [wiki software](#), otherwise known as wiki engines. A wiki engine, being a form of a [content management system](#), differs from other [web-based](#) systems such as [blog software](#) or [static site generators](#), in that the content is created without any defined owner or leader, and wikis have little inherent structure, allowing structure to emerge according to the needs of the users.<sup>[1]</sup> Wiki engines usually allow content to be written using a [simplified markup language](#) and sometimes edited with the help of a [rich-text editor](#).<sup>[2]</sup> There are dozens of different wiki engines in use, both standalone and part of other software, such as [bug tracking systems](#). Some wiki engines are [free and open-source](#), whereas others are [proprietary](#). Some permit control over different functions (levels of access); for example, editing rights may permit changing, adding, or removing material. Others may permit access without enforcing access control. Further rules may be imposed to organize content.

There are hundreds of thousands of [wikis in use](#), both public and private, including wikis functioning as [knowledge management](#) resources, [note-taking](#) tools, [community websites](#), and [intranets](#). [Ward Cunningham](#), the developer of the first wiki software, [WikiWikiWeb](#), originally described wiki as "the simplest online database that could possibly work".<sup>[3]</sup> "Wiki" (pronounced <sup>[wɪki]</sup><sup>[note 1]</sup>) is a [Hawaiian](#) word meaning "quick".<sup>[4][5][6]</sup>

The online encyclopedia project [Wikipedia](#) is the most popular wiki-based website, as well being one of [the most popular websites on the entire internet](#), having been ranked consistently as such since at least 2007.<sup>[7]</sup> Wikipedia is not a single wiki but rather a collection of hundreds of wikis, with each one pertaining to a specific language. The [English-language Wikipedia](#) has the largest collection of articles, standing at 6,818,986 as of May 2024.<sup>[8]</sup>

### Characteristics

In their 2001 book *The Wiki Way: Quick Collaboration on the Web*, [Ward Cunningham](#) and co-author [Bo Leuf](#) described the essence of the Wiki concept:<sup>[9][10]</sup>

- "A wiki invites all users—not just experts—to edit any [page](#) or to create new pages within the wiki web site, using only a standard 'plain-vanilla' Web browser without any extra [add-ons](#)."
- "Wiki promotes meaningful topic associations between different pages by making page link creation intuitively easy and showing whether an intended target page exists or not."





# Selecting your language

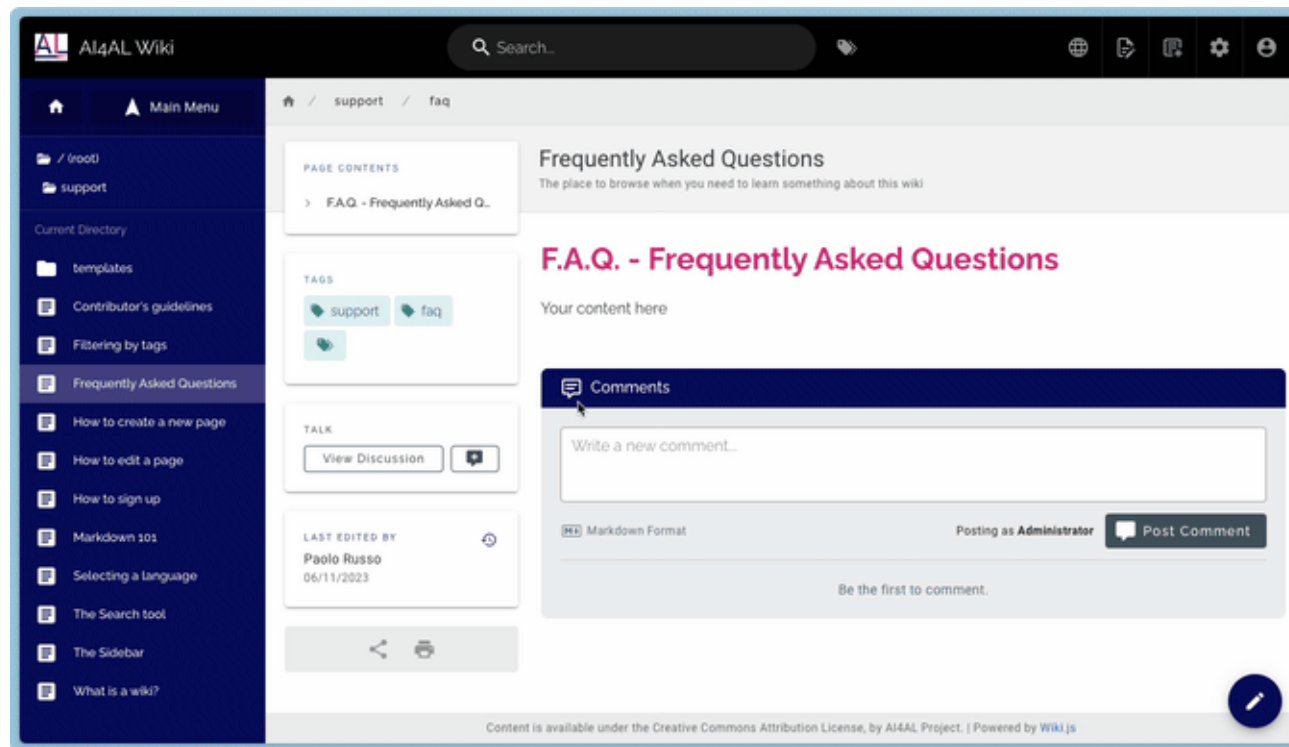
The left sidebar of the screen is the main tool for navigating through the wiki's content.

**It offers two modes: menu and free navigation.**

The **menu** guides the visitor to the pages considered most useful and significant by the repository's curators.

The **free navigation** exposes the folder structure in which the pages are stored and allows you to view them all to find the one of interest.

To switch between modes, simply click the **switch button** located immediately to the right of the Home icon at the top of the sidebar as shown in the video.



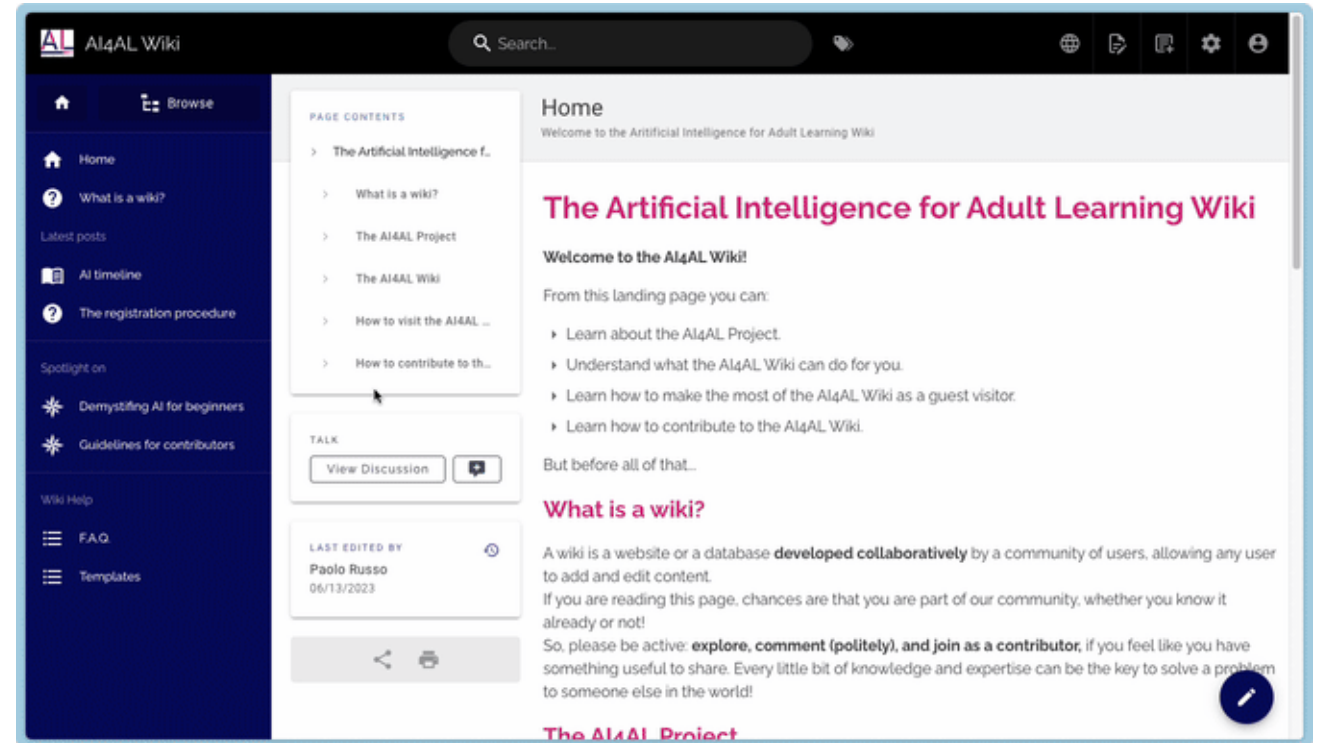
It is very easy to switch to a different language version of the page you are viewing.

Just:

- **Click on the globe icon on the right in the top menu.**
- **Select the desired language from the available ones.**

Click on the movie to view an example.

If the page in the selected language does not exist yet, an invitation to create it will appear.



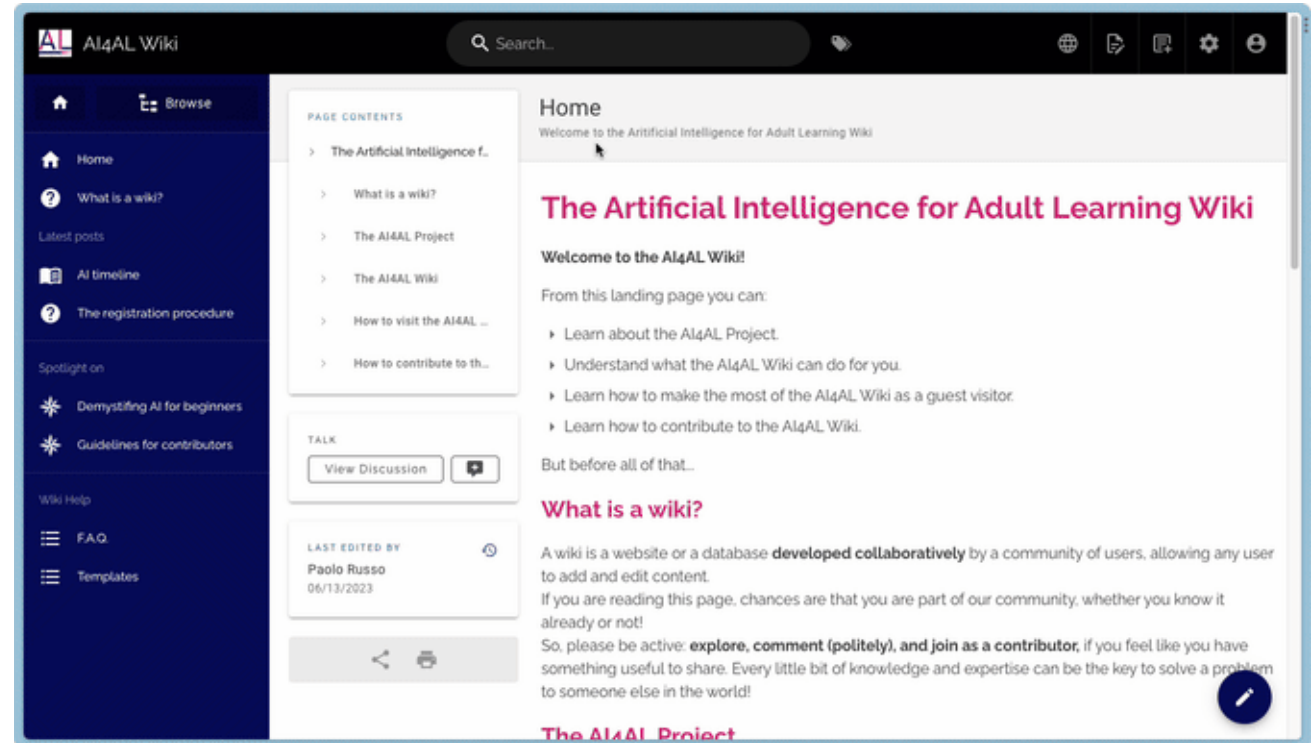
At the top center of the window, the text search tool is available.

To perform a search, simply:

1. **Click on the box containing the magnifying glass;**
2. **Enter at least two characters to see the list of possible results update in real time;**
3. **Select one of the results or click the Close button to conclude the search.**

Click on the movie to view an example.

Please note that the search tool suggests pages that contain the search key in every available language, not just the currently selected one.

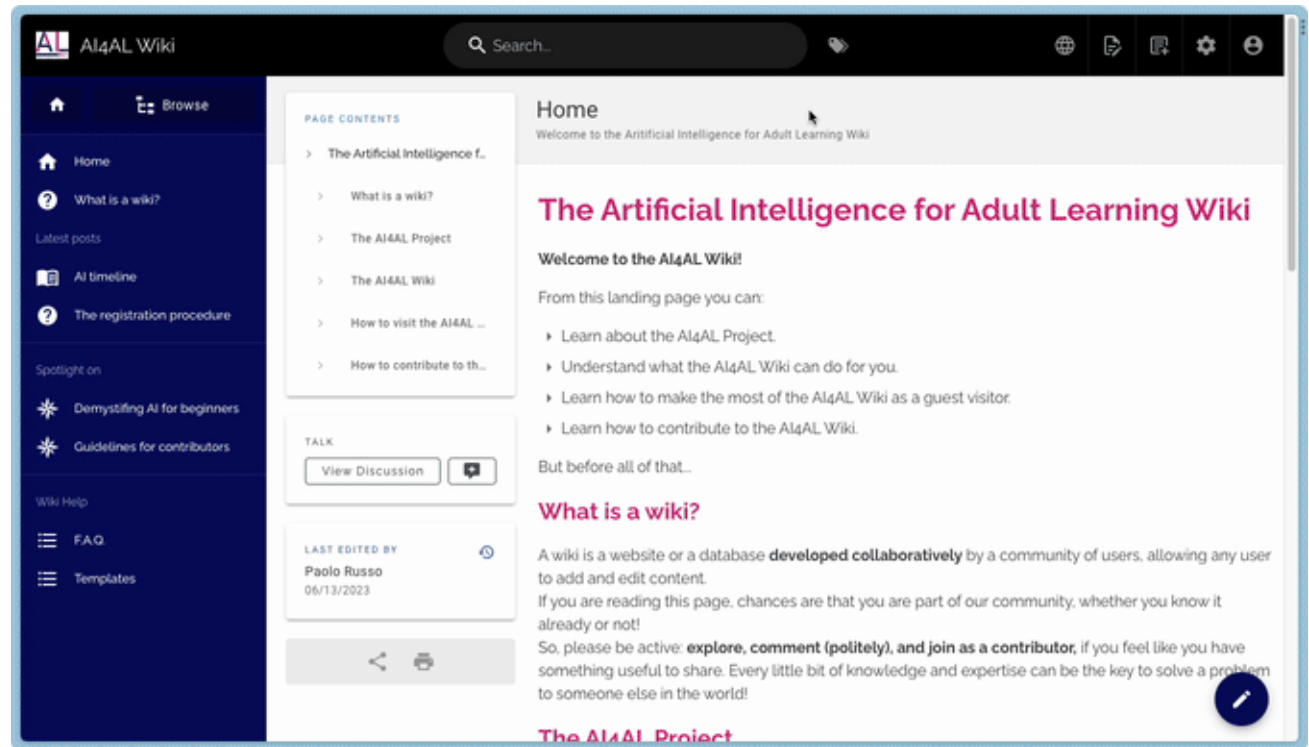


# Filtering by tags 1/3

Every wiki page can have tags associated with it, which are used to filter documents based on their presence or absence.

**The AI4AL repository provides a robust tagging-based page filtering system.** To activate it, simply click on the icon with the double tag on the right side of the search box.

**Once the filter page is activated, you can select pages by checking the box next to each desired tag** from the alphabetical list on the left. The pages that have been tagged with all the selected tags will appear in the central part of the window.

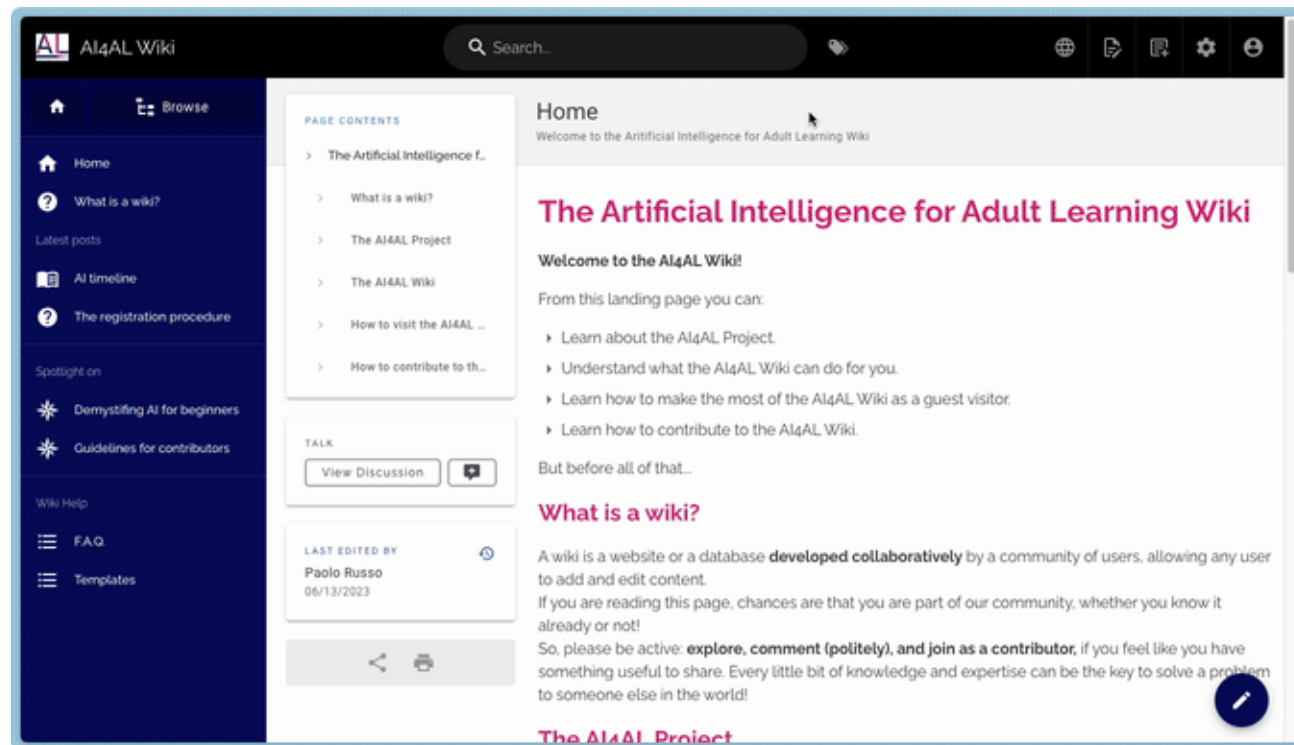


# Filtering by tags 2/3

You can further refine your search using the options available at the top of the results view. You can:

- **Filter the results based on language;**
- **Limit the results to those that contain specific text.**

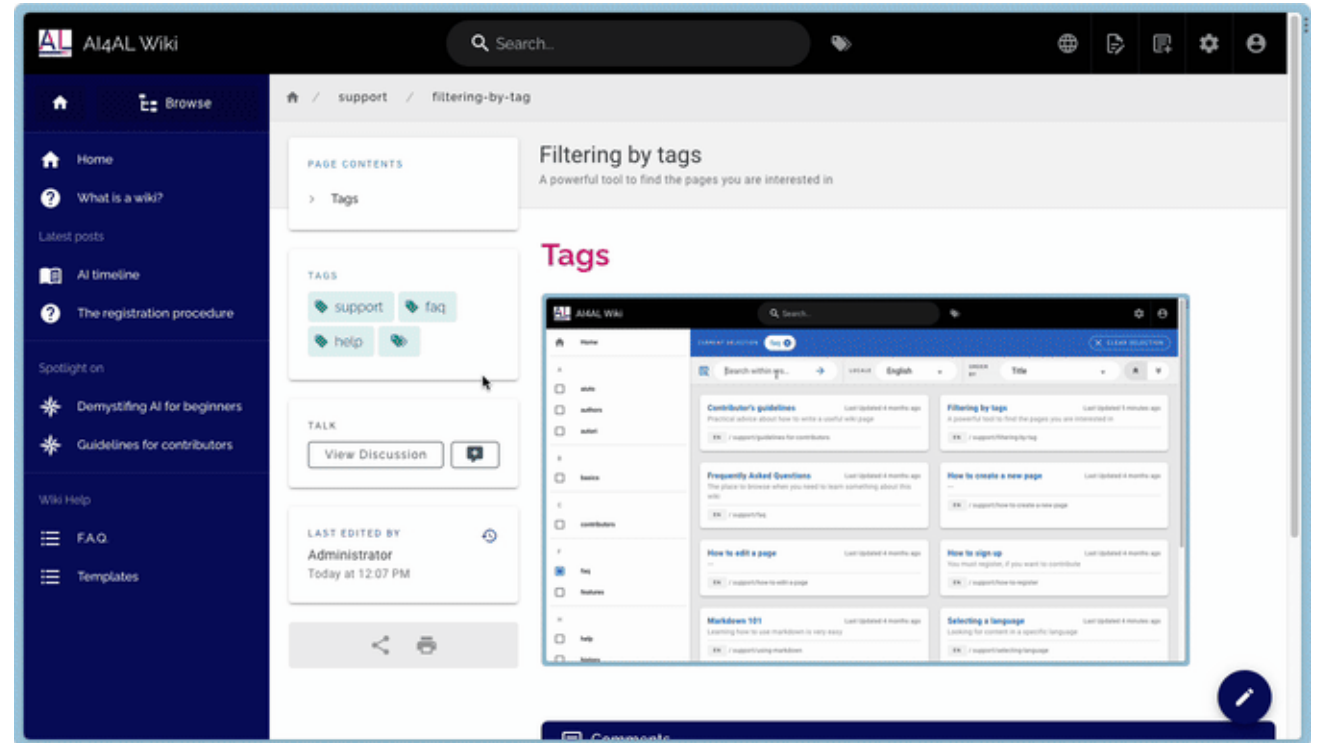
Additionally, you have the ability to sort the results based on different criteria.



# The Search Tool

Each page displays all the tags assigned to it.

**Clicking on one of the tags is a shortcut to activate the filter as shown in the video.**

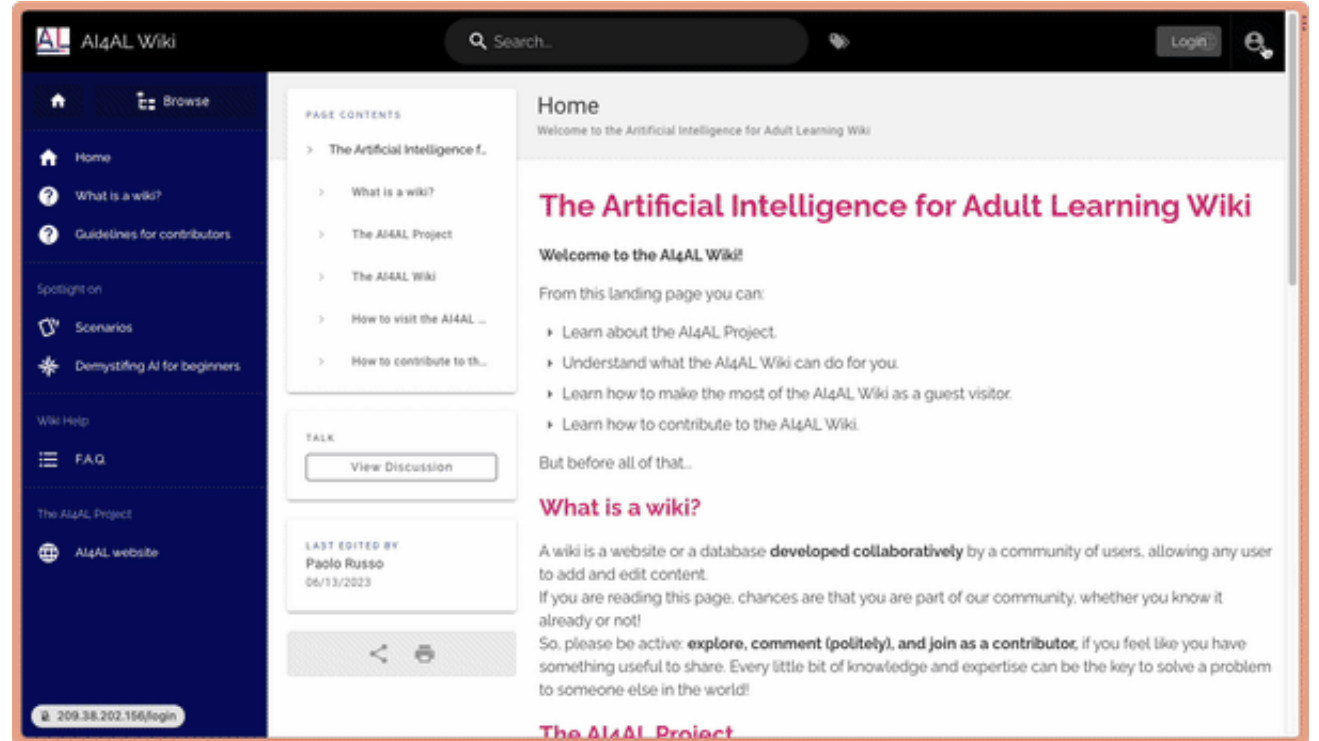


# Creating an account 1/2

The AI4AL Repository can be accessed by anyone for consultation, but only registered users have the ability to comment on pages or create their own.

The process of creating an account follows the standard steps of web services:

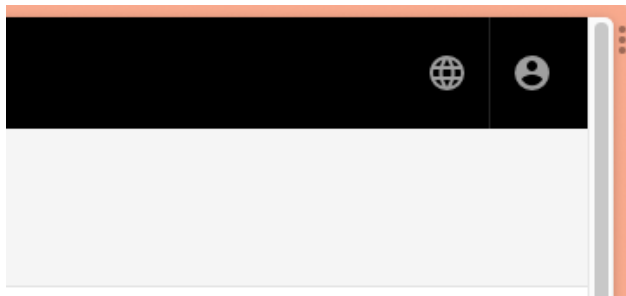
1. **The User accesses the login page.**
2. **If they don't have an account yet, they click on the "Create an Account" button.**
3. **They enter their username, password (twice), and name.**
4. **They click the Register button.**



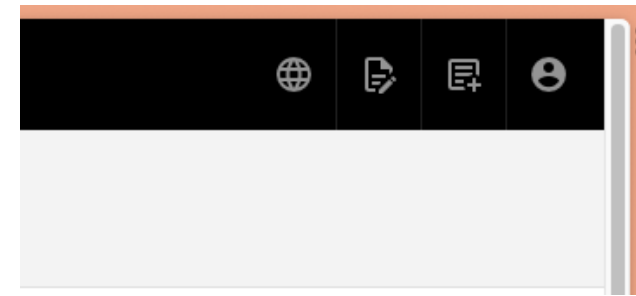
# Creating an account 2/2

**Once the account is created, two additional steps are required for full functionality.**

The first step is on the user's side: **upon registration, the system sends a verification email.** Users need to click on the link provided in the message. After that, they can log in to the wiki, but with limited privileges for reading and changing the language, as shown in the image below.



The second step is carried out by system administrators. **After verifying the legitimacy of the request, they will assign the Author profile to the user,** granting them writing abilities as well, as shown in the image below.





# Guidelines for content creators 1/2

Memorize the rules of Netiquette before you start contributing!

The essence of a wiki is the collaboration among members of the reference community and the publication of contributions by everyone. In order for the site to develop harmoniously, a continuous curatorial activity is necessary on the part of administrators and curators, which can be greatly simplified if the authors of the contributions adhere to a few simple rules.

- **Rule 1: Remember the Human**
- **Rule 2: Be ethical**
- **Rule 3: Know where you are**
- **Rule 4: Respect other people's time and data limits**
- **Rule 5: Make yourself look good online**
- **Rule 6: Share expert knowledge**
- **Rule 7: Keep disagreement healthy**
- **Rule 8: Respect other people's privacy**
- **Rule 9: Don't abuse your power**
- **Rule 10: Be forgiving of other people's mistakes**



# Guidelines for content creators 2/2

- ✓ **Always use one of the templates** provided for authors. It is legitimate to customize and adapt them to the nature of your contribution, but starting from one of them ensures a certain consistency in content and style. If you cannot find a usable template, please contact an administrator or editor before publishing.
- ✓ **Read and comment** on the work of other authors. It is the best way to draw inspiration and engage the community.
- ✓ Always **cite the sources** you have used to write your article.
- ✓ Make sure not to **use copyrighted materials**. Special attention should be paid to images in this regard.
- ✓ Try to **use simple and understandable language**.
- ✓ Absolutely **avoid publishing offensive, blatantly advertising, or completely unrelated content to the theme of the wiki, both in pages and comments**. In all these cases, the pages will be immediately removed by the system administrators at their sole discretion. In particularly serious or repeated cases, administrators may decide to suspend the author's account.
- ✓ If you have not done it yet, **memorise the rules of Netiquette before you start contributing!** It is really that important!



# Add a new page 1/7

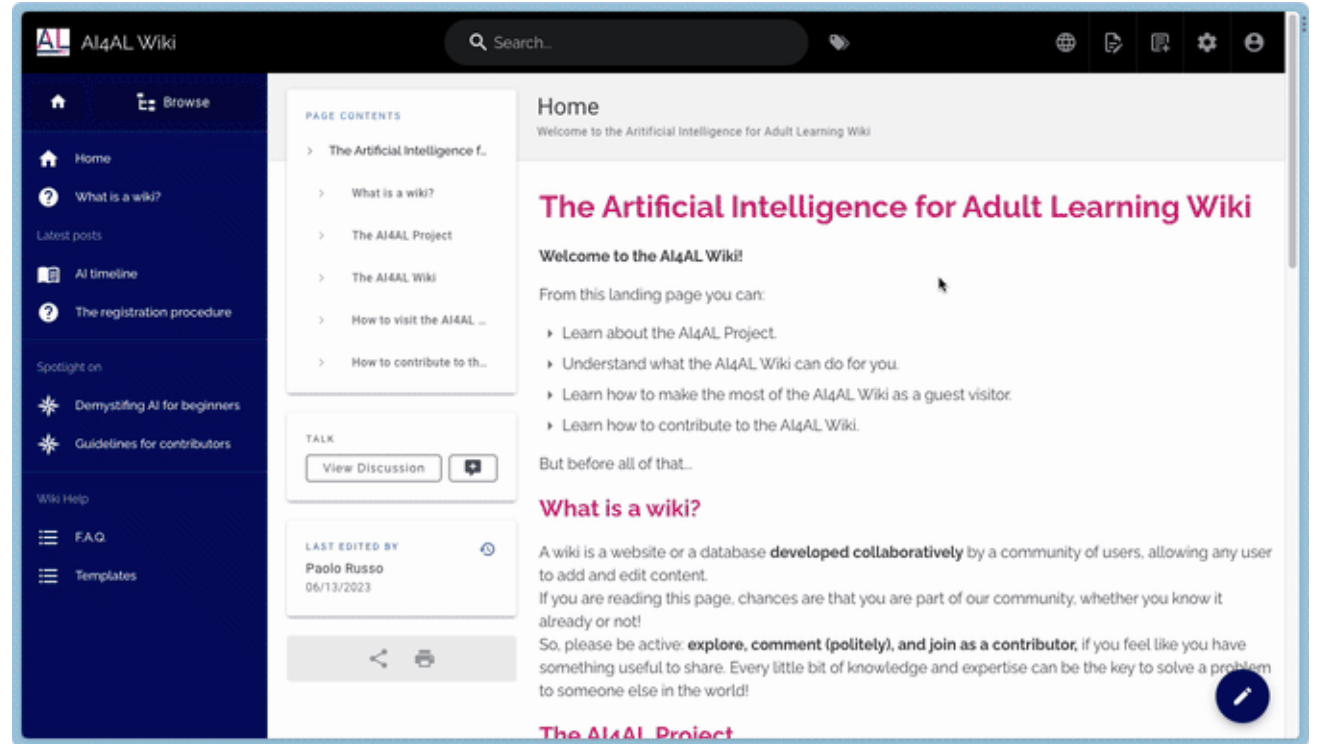
All registered users have the ability to create new pages in the AI4AL Repository. The creation process is straightforward, yet it offers numerous options.

The first step to create a new page is to **click on the icon of the page with the plus sign located on the right side of the menu at the top of the window**. The icon is only visible to registered users.

A dialog box appears, allowing you to select or create the folder in which the new page will be placed.

**Note: the page name cannot contain spaces or special characters.**

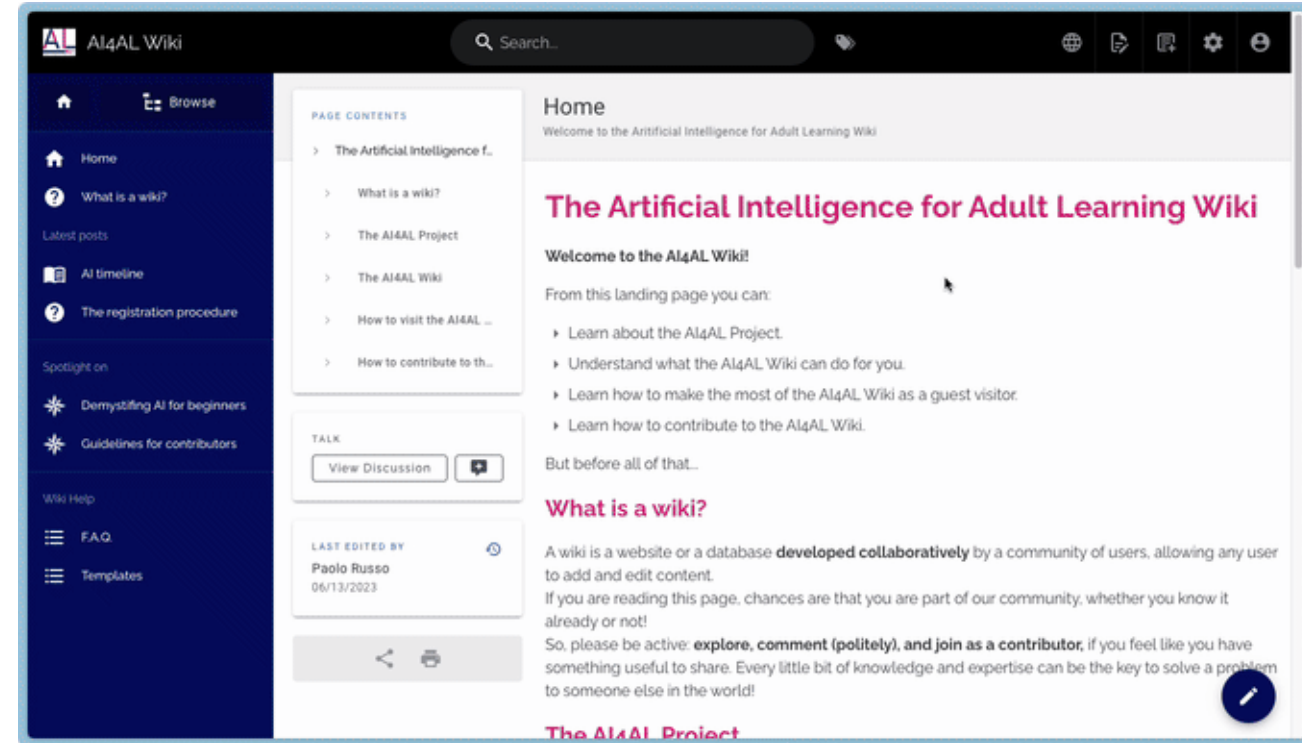
After assigning the desired name to the page, pressing the "SELECT" button allows you to proceed to the next dialog box, where you can select the preferred editor type to work with.



# Add a new page 2/7

## The available options are as follows:

1. **Markdown:** The page can be composed using the Markdown markup language. It is a very simple language to learn and allows for easy and fast editing. It is one of the recommended options.
2. **Visual Editor:** The page can be composed using the familiar graphical interface common to many word processors and websites. It is one of the recommended options because it does not require any learning effort, but it is slower to use compared to the Markdown editor.
3. **AsciiDoc:** It is an editor based on the AsciiDoc markup language. It is a more sophisticated language than Markdown and allows for high-quality typography, but it is complex to learn.
4. **Code:** The page can be created directly in HTML by a programmer who is familiar with this language.
5. **From template:** The page can be created from a ready-made template. The AI4AL Repository provides some templates for Markdown and Visual Editor that are already structured to create scenarios and other useful documents for the project.



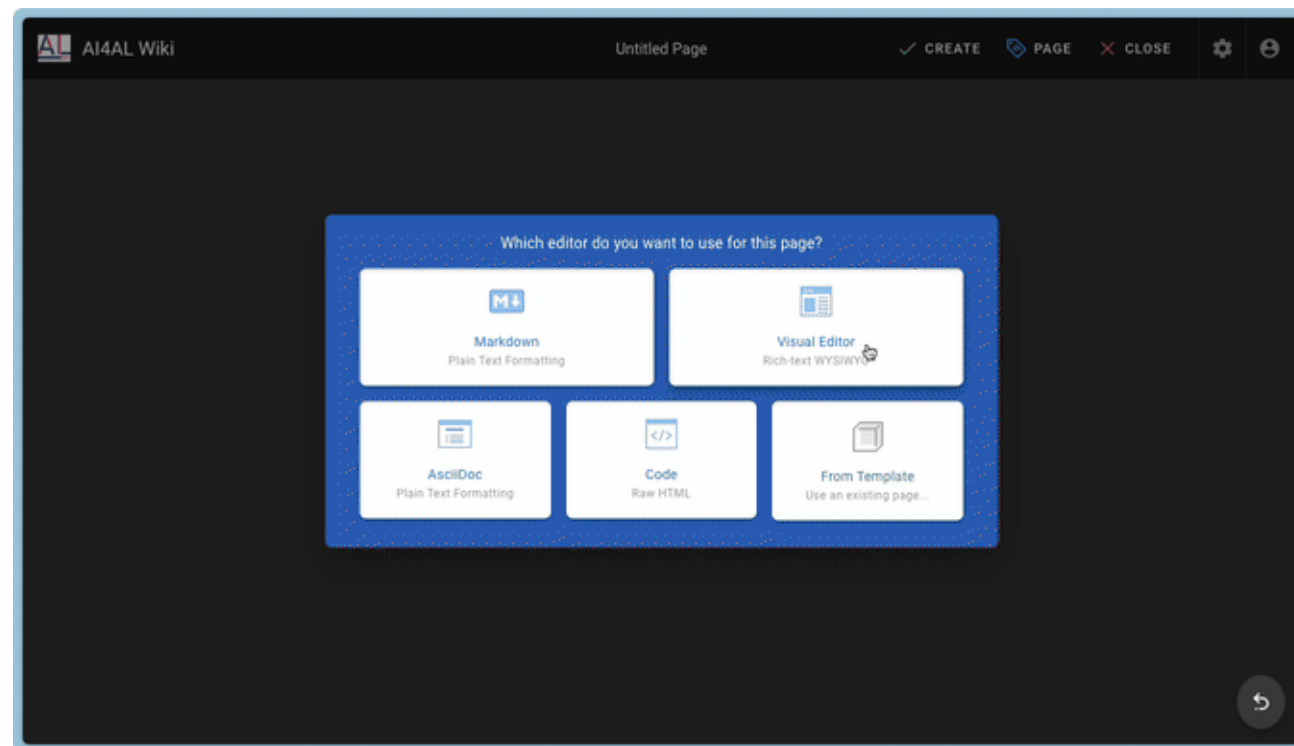
# Add a new page 3/7

After selecting any of the first four editors, the dialog box for entering the page metadata will open.

**The dialog box allows you to enter the following information:**

- **Title:** the title that will appear in the search results for the page.
- **Short description:** a brief descriptive text that accompanies the search results.
- **Locale/Path:** allows you to modify the language and location of the page. It is recommended not to modify these values.
- **Categorization:** in this box, you can create tags to associate with the page. Tags should be meaningful and composed of a maximum of two words. To save each tag, simply press the Enter key.

Once you are satisfied with the entered information, you can finally access the actual editor by pressing the OK button located in the top right corner of the dialog box.

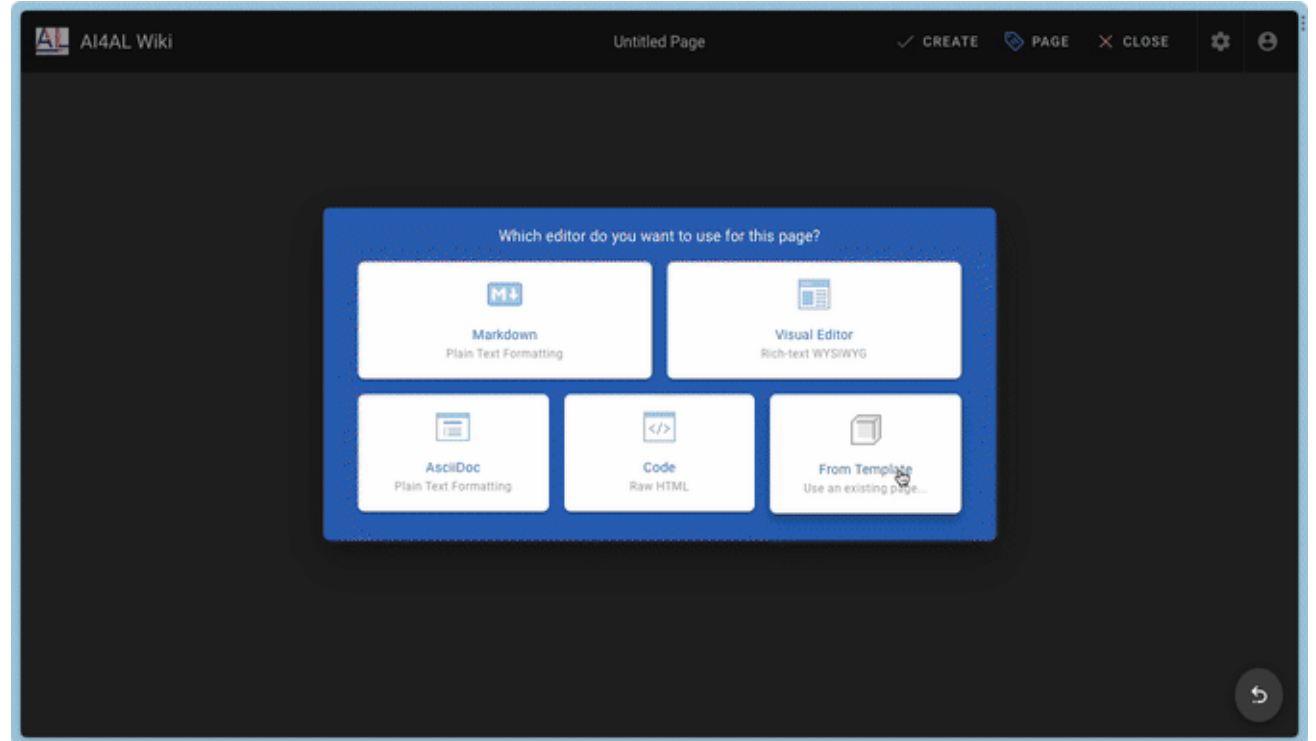


# Add a new page 4/7

Creating a page from a template involves an additional step.

After selecting the From template option and before accessing the page metadata screen, you need to select the desired template from the dialog box shown in the animation below.

All templates relevant to the AI4AL project can be found within the "**support/templates**" folder.

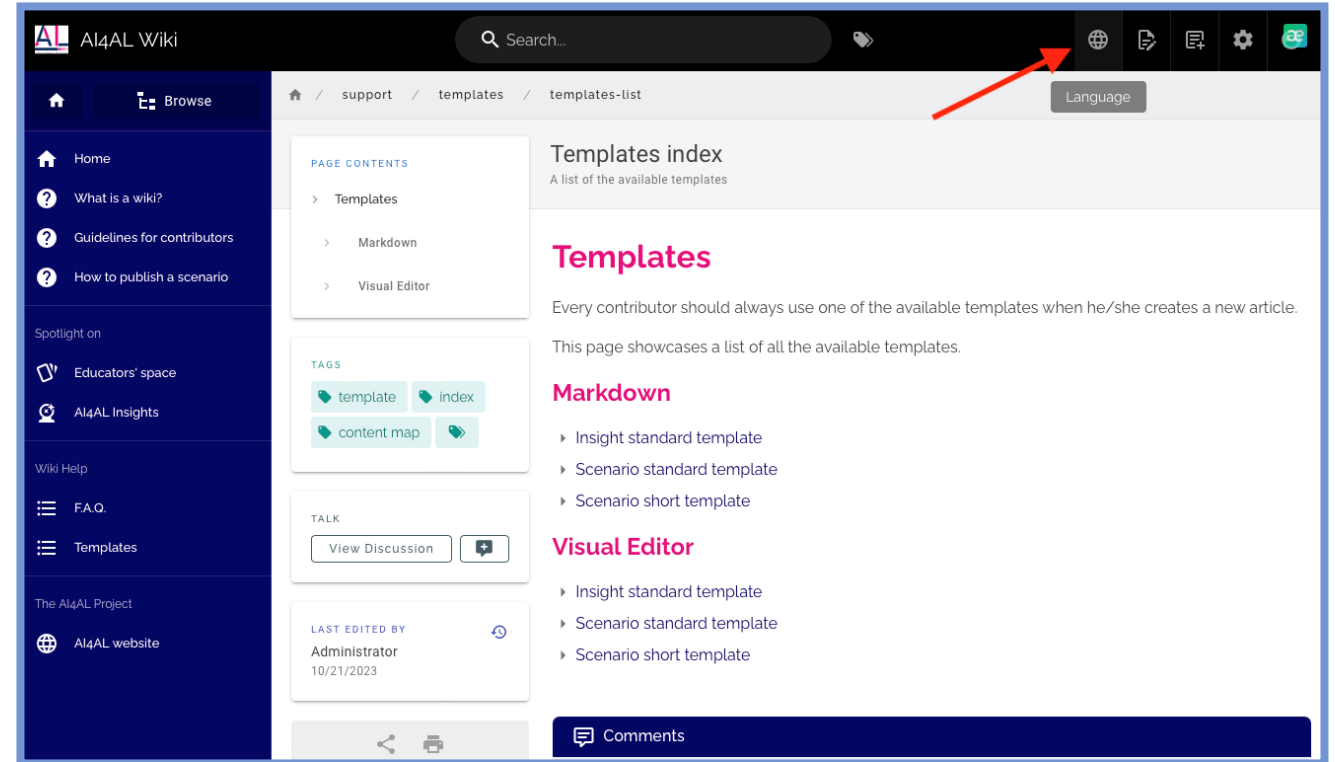


# Add a new page 5/7

**A special case of creating a new page occurs when the user clicks on a link to a page that does not yet exist.**

It is a typical mechanism of wikis that exploits their hyper-textual nature to speed up the creation of in-depth pages or versions in other languages of an existing page in a collaborative manner. Let's examine this last case.

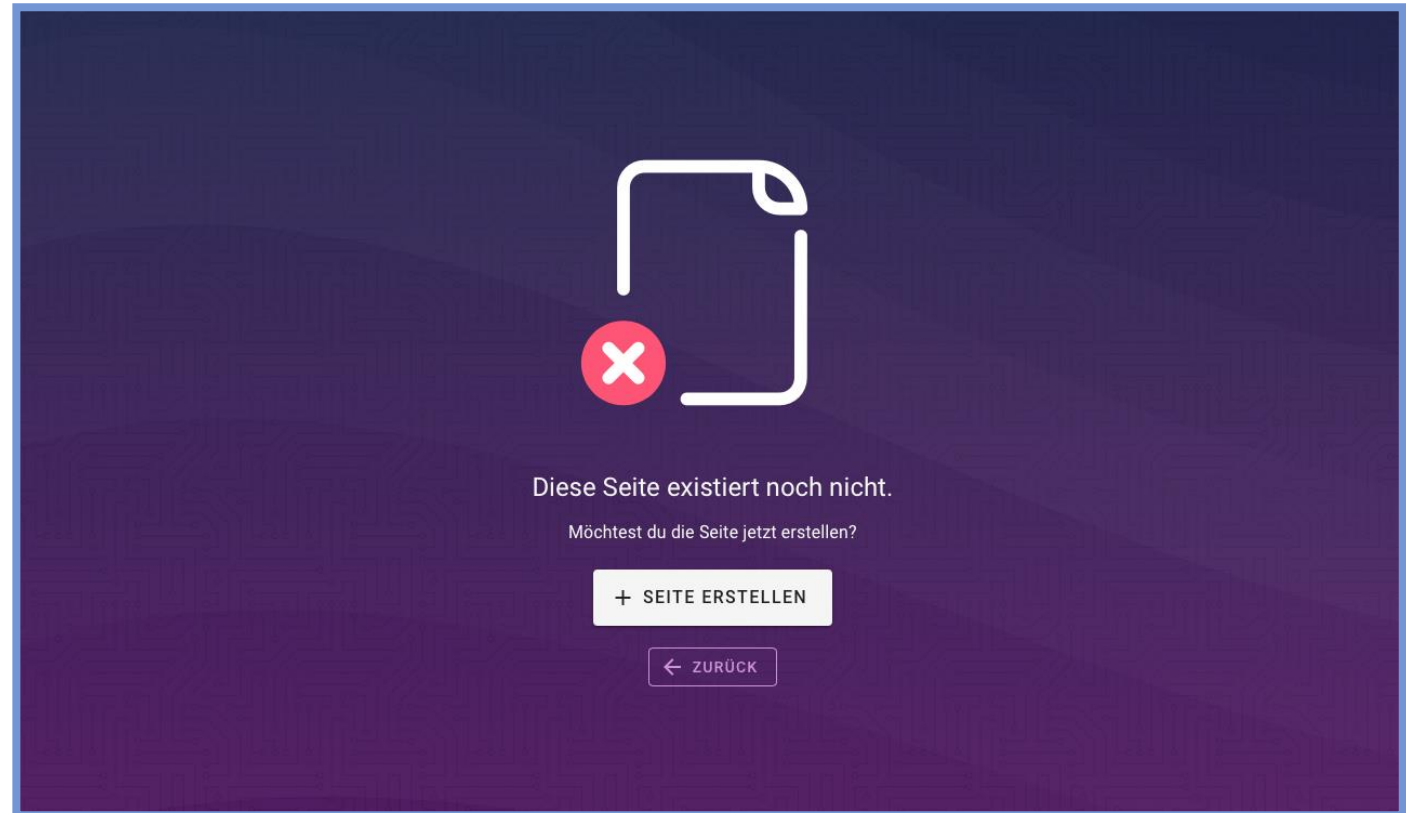
**Let's suppose we want to move from the English to the German version of the template index page.**



# Add a new page 6/7

**If the page already exists**, it will be shown regularly and the site interface will automatically be switched to the German language.

**If the page does not yet exist**, the wiki will report it in German and invite the user to create it (+ *SEITE ERSTELLEN*) in line with the collaborative spirit and co-creation philosophy of wikis. If you do not wish to do so, you are offered the option to go back (*ZURÜCK*).

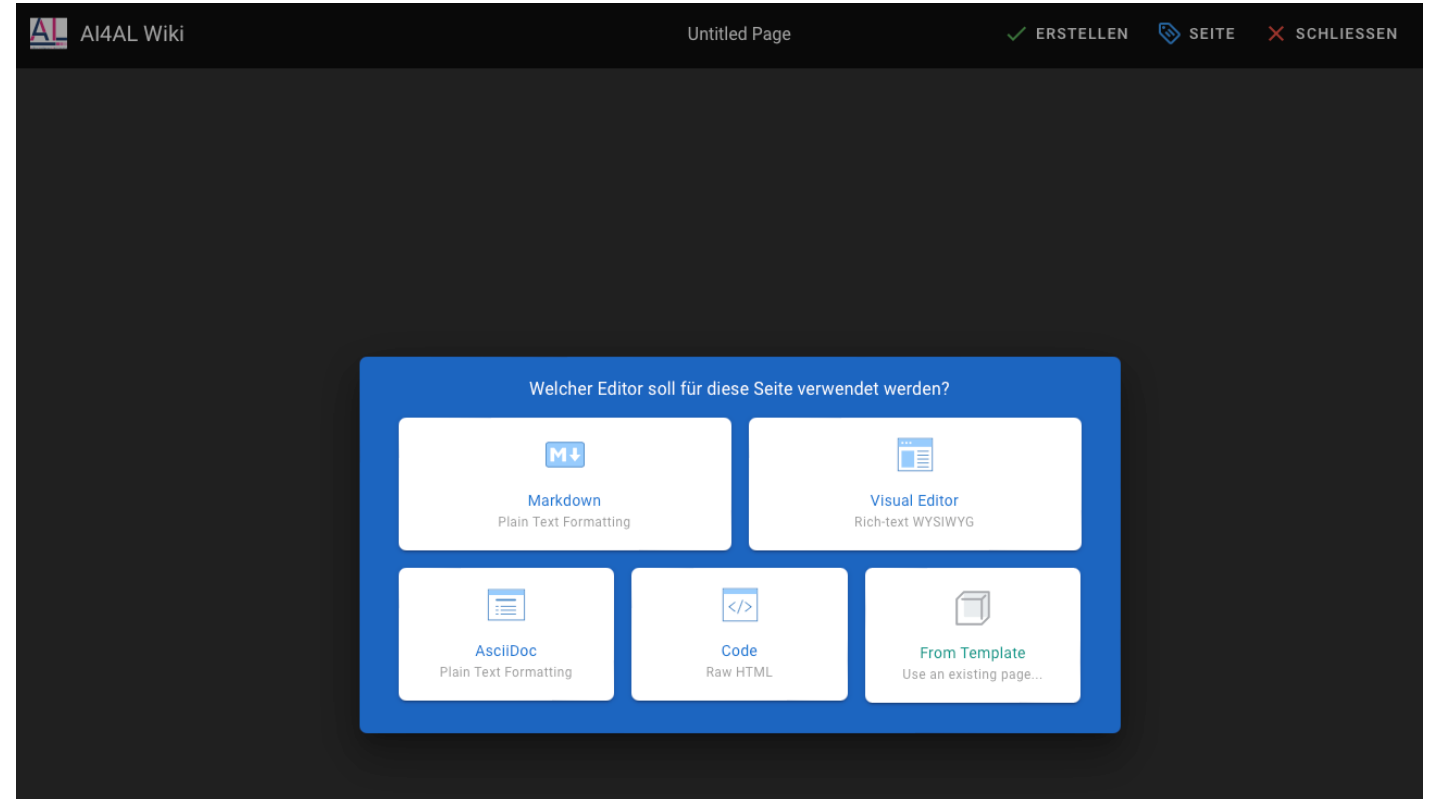




# Add a new page 7/7

If the user decides to proceed with creating the new page, s/he is shown the now familiar interface. Please note that it is already translated into German wherever possible.

**From here, the procedure already seen in the previous pages is repeated.**

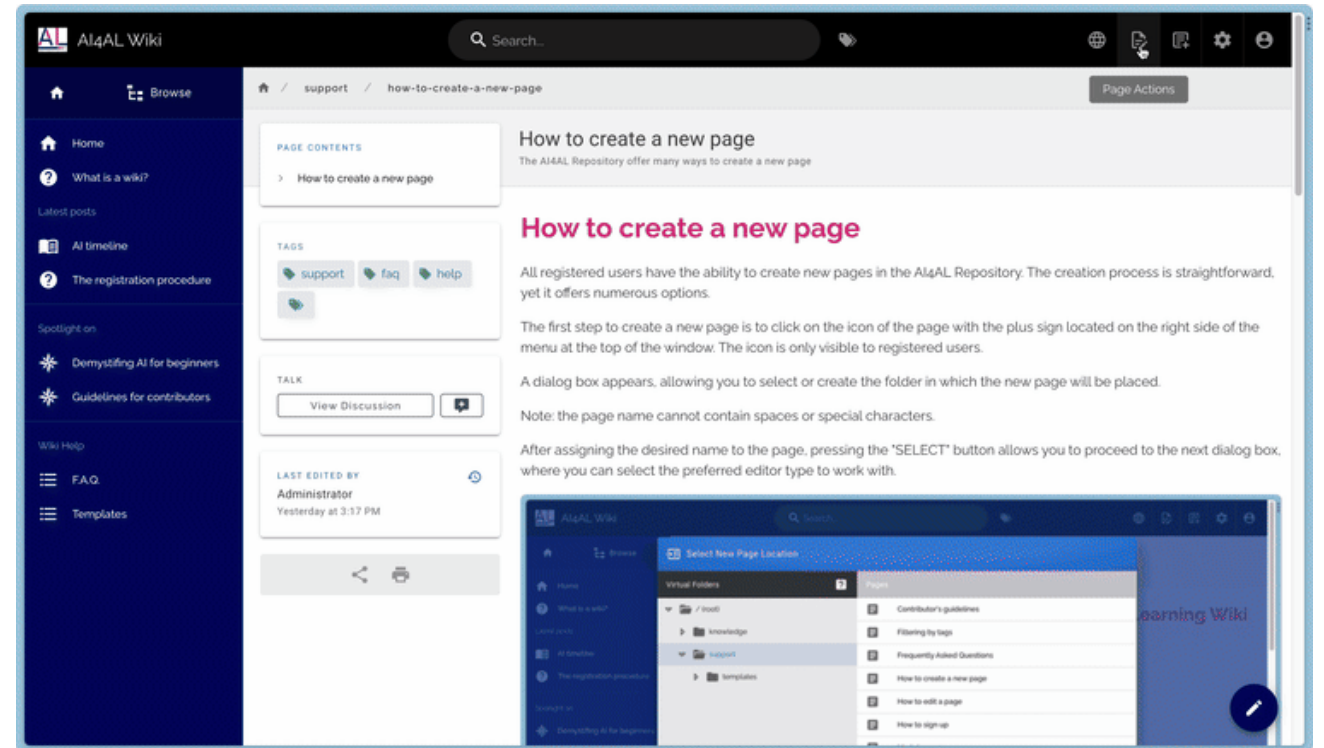


# Editing an existing page

**Every registered user can edit the pages they have created.** To edit pages created by other users, it is necessary to have the privileges of Editor or Administrator, which are reserved for staff members.

To edit an existing page, simply follow these steps:

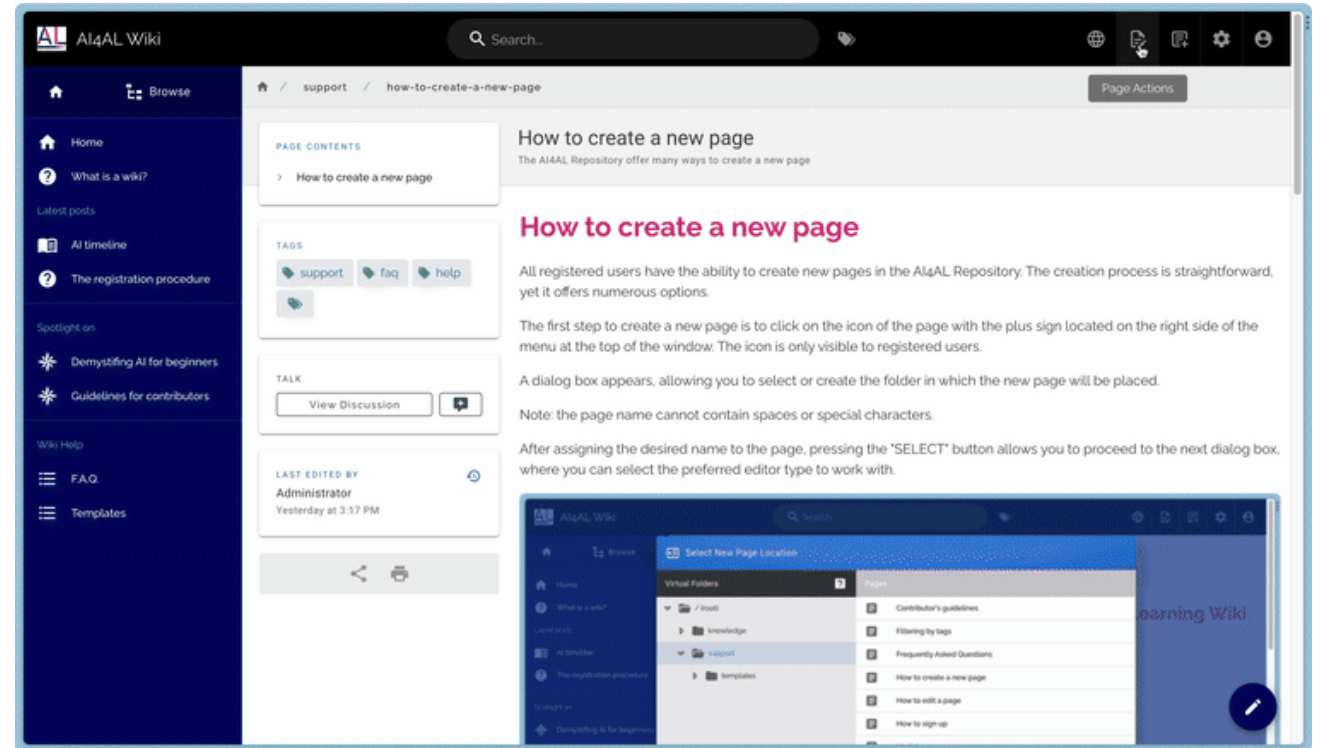
1. **Open the page you want to edit.**
2. **Click on the actions icon on the page, located on the right side of the menu at the top of the window.**
3. **Select the first option (Edit) from the dropdown menu.**
4. **Proceed with the desired modifications. The system automatically provides the editor with which the page was created.**
5. **Save the changes and close the editing window.**



# Deleting a page

To **remove** a page, simply:

1. **Open the page you wish to remove.**
2. **Activate the Actions menu on a page by clicking on the corresponding icon on the right side of the menu at the top of the window.**
3. **Select Delete.**
4. **Confirm the choice in the dialog menu that appears.**



# The Markdown language and its advantages

Markdown is a language that enables text formatting by inserting simple markers, like a pair of asterisks before and after a word. A Markdown interpreter identifies these markers and applies the corresponding formatting. In our example, it renders the word in bold. Markdown interpreters are now widely available, including in online and offline text editors, messaging programs, and web page generation software.



# The Markdown language and its advantages

There are several reasons behind its popularity:

- ✓ Once you grasp a few basic markers, **Markdown becomes the quickest way to write formatted text.** It surpasses visual editors that require constant switching between keyboard and mouse to select formatting commands.
- ✓ **Markdown documents remain simple text files that can be effortlessly opened by various programs,** without being tied to a specific provider. As a result, writing in Markdown is absolutely free.
- ✓ **Numerous excellent converters can "print" Markdown files into PDF, HTML for web pages, .docx, .pptx, and other formats.** This allows for writing a document once and publishing it in different formats as needed.
- ✓ An associated benefit is that **understanding Markdown well is sufficient to create documents, web pages, or presentations,** without the need to learn specific programs for each format.

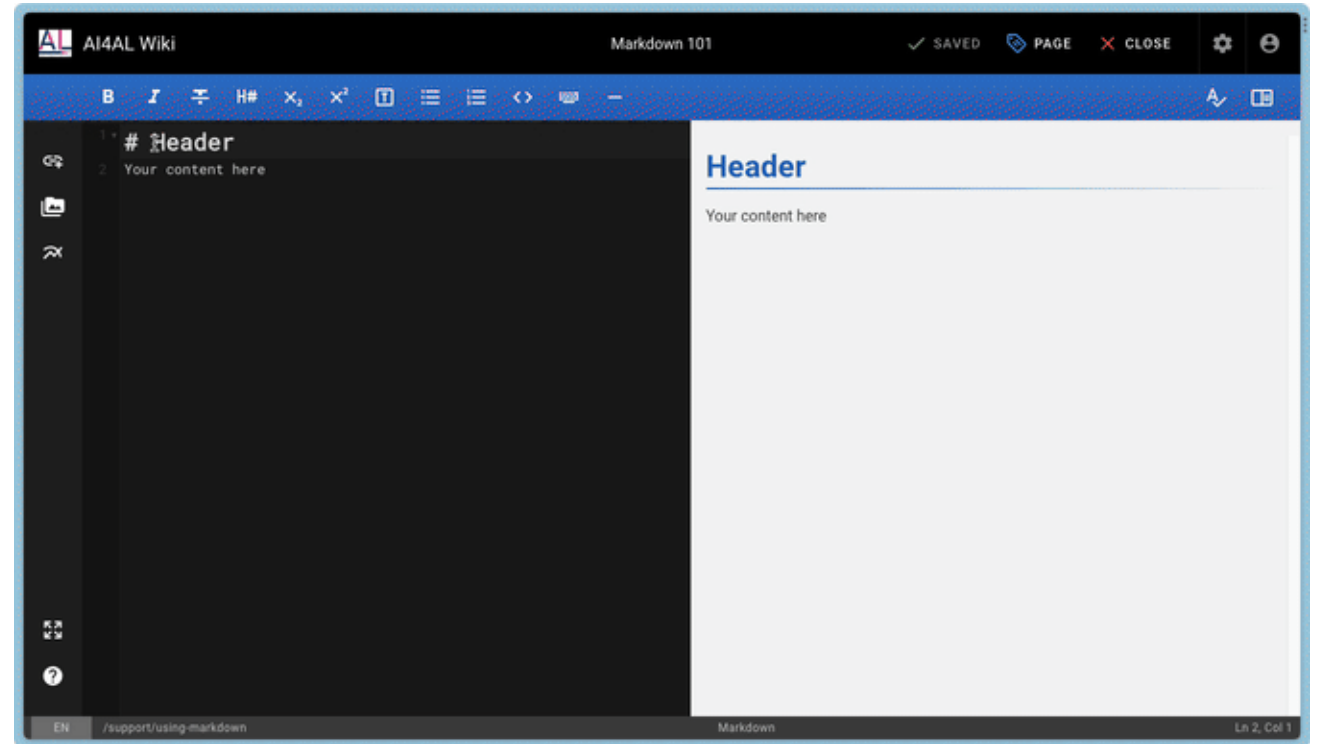


# AI4AL's Markdown Editor 1/2

The Markdown editor implemented in the AI4AL repository enables users to write wiki content directly online and preview the output in real-time.

Another advantage it offers is a set of **mouse-selectable buttons that allow users to insert the most commonly used Markdown commands** when they can't recall the syntax at that moment.

The fastest way to learn the few Markdown commands you need to publish a nice and elegant page is to use the shortcut buttons provided in the interface: **you will get an example of well-composed text with the right marker.**

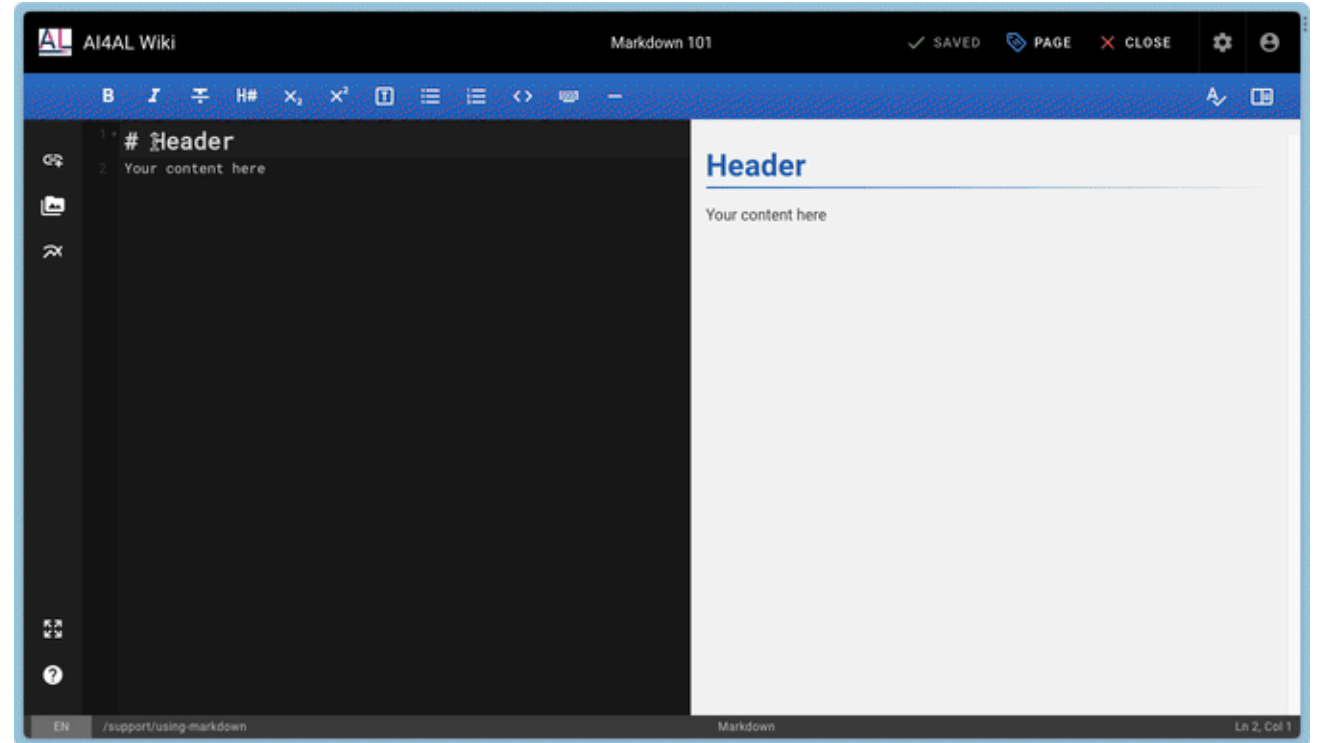


# AI4AL's Markdown Editor 2/2

The preview of the page shown in real time to the right of the text you write uses a basic style that does not coincide with that of the site. It's just to confirm that you've used the right syntax.

When you then save the page and return to viewing it, you will see it automatically published with the style adopted by the whole site.

This is one of the great advantages of using Markdown: **if at some point the style of the site changes, it will not be necessary to modify existing pages in any way and the changes will be applied automatically.**



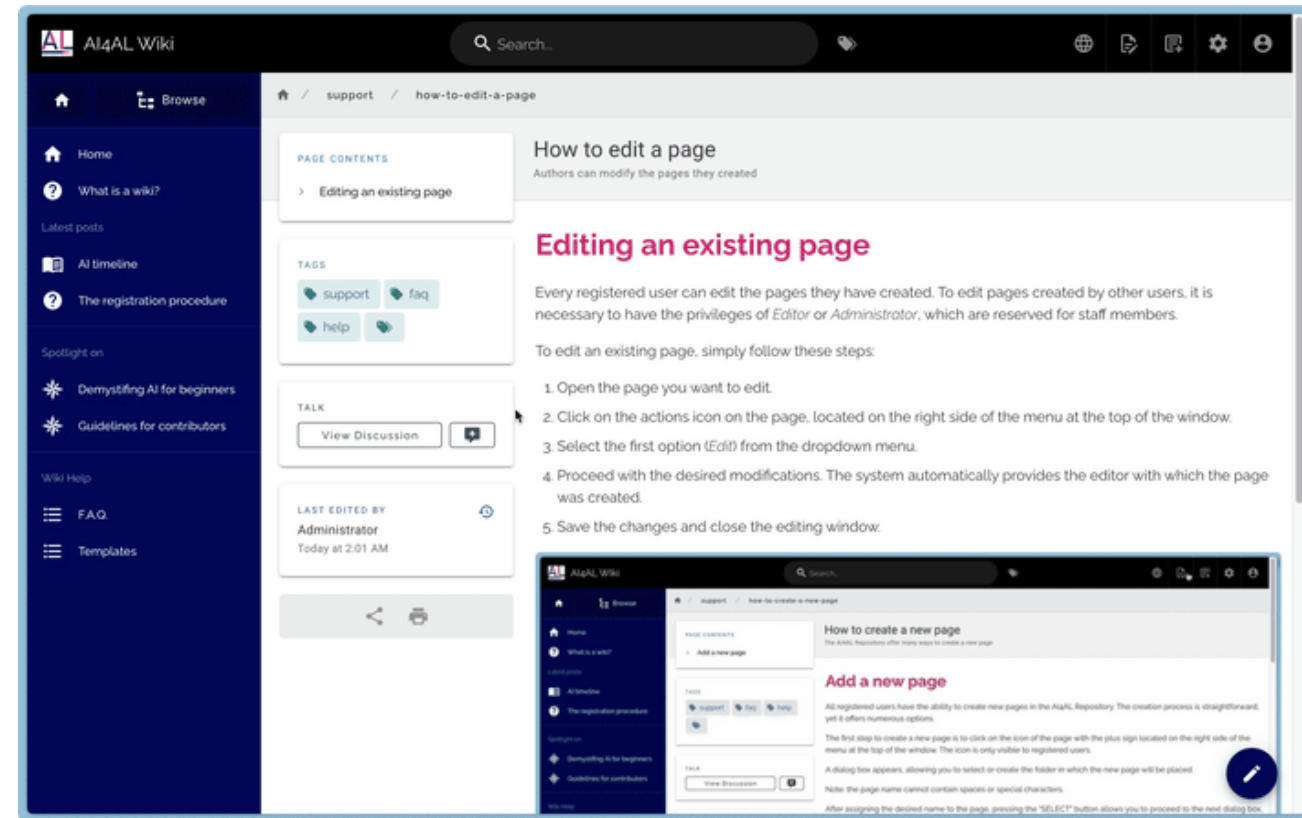
# Commenting a page

Every registered user can add their own comments using the dedicated box at the bottom of the page.

To leave a comment, simply **click inside the editing area in the comments section of the page and write the desired text.** To publish the comment, press the Post Comment button.

It is possible to add some styling elements to the text using Markdown markup.

**The interface allows the option to edit or delete one's own comment after it has been submitted.**





# References & Additional Resources

- [Wiki.js User Guide: Basics](#)
- [Wiki.js User Guida: Markdown](#)
- [Markdown: complete syntax](#)
- [Markdown: syntax cheat sheet](#)

