· English: This page isn't translated to English.

# Material for MKDocs

In this section we will briefly explain how to update the user guide within this repo. For additional info, check the Material for MKDocs official guide.

# Update the user guide

To update the user guide, follow these steps:

• Run the docker-compose.docs.yaml configuration:

```
(root) → docker-compose -f docker-compose.docs.yaml up
```

- Open the browser at http://localhost:9000.
- Change the documents within the docs/docs folder (this will trigger an auto-reload that will automatically perform changes in the UI)

# Build the user guide

To build the user guide, follow these steps:

• Run the docker-compose.docs.yaml configuration:

```
(root) → docker-compose -f docker-compose.docs.yaml up
```

SSH into the docs container:

```
(root) → docker exec -it docs sh
```

• Build the user guide by running the command:

```
/code # mkdocs build
```

this command will build the user guide into the docs/site folder. This folder can then be used for deployment purposes (this can be deployed, for instance, using an S3 bucket).

# Markdown syntax

This user guide is written using the markdown syntax. In this section we report an optimal set of markdown samples that are useful for the creation of the user guide. For more info, visit this link.



#### Tip

To understand how to reproduce the examples given below, it is highly recommended to see  $\frac{docs}{docs}$ ,  $\frac{md}{docs}$ .

## Formatting

- Bold
- Italic
- Code
- Highlight
- Underline
- Strikeout
- Deleted
- Added
- PrevNew
- /\* Commented \*/
- Small
- · Block:

Formatting can also be applied to blocks, by putting the opening and closing tags on separate lines and adding new lines between the tags and the content.

## Admonitions



## Phasellus posuere in sem ut cursus

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9/16/21, 4:37 PM

# Collapsible admonition

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#### Abstract

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#### Success

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#### Question

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### Warning

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# Danger

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# **Bug**

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### Example

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#### **77** Quote

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# 1 Inline Info

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```
# code -> line 1
# code -> line 2
# code -> line 3
# code -> line 4
# code -> line 5
```

### Code blocks

```
document$.subscribe(function() {
  var tables = document.querySelectorAll("article table")
  tables.forEach(function(table) {
    new Tablesort(table)
  })
})
```

### Content tabs

C

```
#include <stdio.h>
int main(void) {
  printf("Hello world!\n");
  return 0;
}
```

C++

```
#include <iostream>
int main(void) {
  std::cout << "Hello world!" << std::endl;
  return 0;
}</pre>
```

## **Embedded content tabs**

### **Unordered List**

#### Example:

- \* Sed sagittis eleifend rutrum
- \* Donec vitae suscipit est
- \* Nulla tempor lobortis orci

#### Result:

- Sed sagittis eleifend rutrum
- Donec vitae suscipit est
- Nulla tempor lobortis orci

#### **Ordered List**

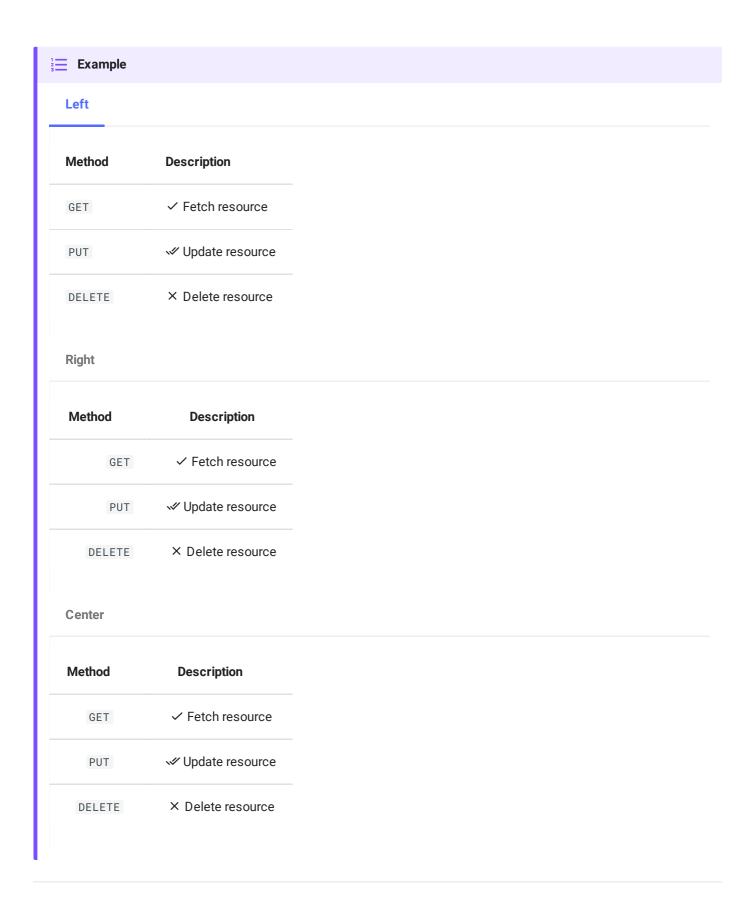
#### Example:

- 1. Sed sagittis eleifend rutrum
- 2. Donec vitae suscipit est
- 3. Nulla tempor lobortis orci

#### Result:

- 1. Sed sagittis eleifend rutrum
- 2. Donec vitae suscipit est
- 3. Nulla tempor lobortis orci

## **Tables**



# Emoji & Icons

•



- 8 .icons/material/account-circle.svg
- 😉 .icons/fontawesome/regular/laugh-wink.svg
- \_ icons/octicons/repo-push-24.svg

#### Links

- · Link to markdown guide
- Link to Update the user guide section
- Link to Introduction
- Link to Introduction Start the project

### **Footnotes**

Lorem ipsum<sup>1</sup> dolor sit amet, consectetur adipiscing elit<sup>2</sup>.

#### **Abbreviations**

The HTML specification is maintained by the W3C.

## Lists

• Indented code block:

```
1   def bubble_sort(items):
2     for i in range(len(items)):
3         for j in range(len(items) - 1 - i):
4         if items[j] > items[j + 1]:
5         items[j], items[j + 1] = items[j + 1], items[j]
```

· Indented quote block:

#### **77** Quote

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Additional paragraph within this list item.

• Nested (ordered/unordered) list:

- a. first
- b. second
  - · unordered item
  - another unordered item

Lorem ipsum dolor sit amet

Sed sagittis eleifend rutrum. Donec vitae suscipit est. Nullam tempus tellus non sem sollicitudin, quis rutrum leo facilisis.

Cras arcu libero

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  - ✓ In hac habitasse platea dictumst
  - In scelerisque nibh non dolor mollis congue sed et metus
  - Praesent sed risus massa
- Aenean pretium efficitur erat, donec pharetra, ligula non scelerisque

## **Images**

 $600 \times 400$ 



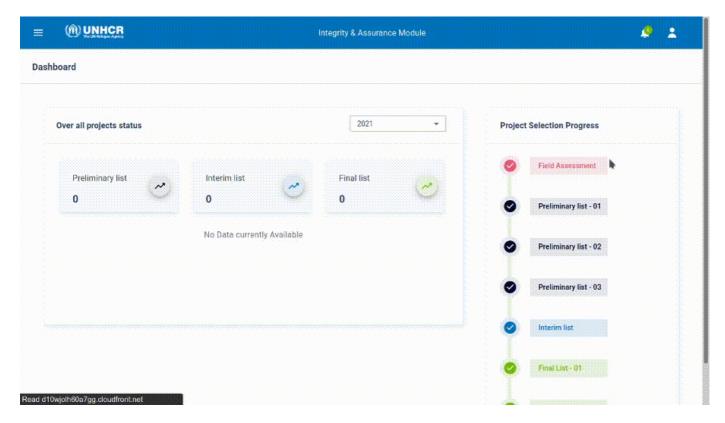


Fig.1 - GIF example with caption.

# Draw.io diagrams



## MathJax

MathJax is a beautiful and accessible way to display mathematical content in the browser.

Mathematical expression using block syntax:

$$\ker f = \{g \in G : f(g) = e_H\}.$$

Mathematical expression using inline syntax:

The homomorphism f is injective if and only if its kernel is only the singleton set  $e_G$ , because otherwise  $\exists a,b\in G$  with  $a\neq b$  such that f(a)=f(b).

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