Titre doc

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1. Equations, tables, and figures should be written only inside the equation-block style ('README.md')

2. Any syntactic violation that happens inside the obsidian note will be passed into LateX. So far, I have not included any diagnostic routine.

3. When you have many embedded notes and linked notes in the note you want to convert, the algorithm searches within the vault to find them and save their paths in the 'DO$_N OT_D ELETE_{note_paths.txt}$'$file.Thissearchingprocesswillt$

Contents

1. Equations, tables, and figures should be written only inside the equation-block style (`README.md`)

2. Any syntactic violation that happens inside the obsidian note will be passed into LateX. So far, I have not included any diagnostic routine.

3. When you have many embedded notes and linked notes in the note you want to convert, the algorithm searches within the vault to find them and save their paths in the `DO_NOT_DELETE__note_paths.txt` file. This searching process will take a few seconds (if you have many notes in your vault, and many linked mentions and embedded notes in your note), however, since the paths are now saved into this text file, any conversions you perform afterwards will be very fast.

1 Development Tasks

☐ Allow user to create more complex configurations

☐ Tables

    ☐ Fancy formatting

☐ Allow the user to change settings from Obsidian, instead of Python

2 Formatting

italic text

bold text

<mark>highlighted text</mark>

3 Itemization

3.1 Bullet list

- Item 1
  - item 1.1
  - item 1.2
    * item 1.2.1
- Item 2

  1. Enumeration 1
     (a) Enumeration 1.2
     (b) Enumeration 2.2
  2. Enumeration 2
     (a) Enumeration 2.1
        - Bullet 2.1.1
  3. Enumeration 3

3.2 Enumerated list

1. Item 1
2. Item 2
   (a) Item 2.1
   (b) Item 2.2

3.3 Task list

☐ Task 1

☐ Task 2

☐ Task 3

　　☐ Task 3.1

☐ Task 4

4 Adding citations

Command: just mention that link that pertains to the literature file. I use the "p"+"number" naming convention. For example, "p1" would be the first literature file in my vault.

Example: In **?**, we see that...

5 Equations

Both equations and subfigures are written in the form of embedded notes, since they are encoded as notes.

> **warning**
>
> If you write an equation outside of the designated template in an embedded note, then the conversion will be faulty!

5.1 Writing the equation

Steps:

1. Press ctrl+P, then Quickadd: equation_block_single

$$E = mc^2 \tag{1}$$

It supports the aligned equations, as seen in **??**.

$$\Delta W_{rg} = -\alpha \sum_s [R + \gamma V(s') - V(s)]$$
$$[\nabla_w \gamma V(s') - \nabla_w V(s)] \tag{2}$$

5.2 Referencing the equation

In **??**, we see that...

6 Figures

6.1 Adding figures

6.1.1 No subfigures
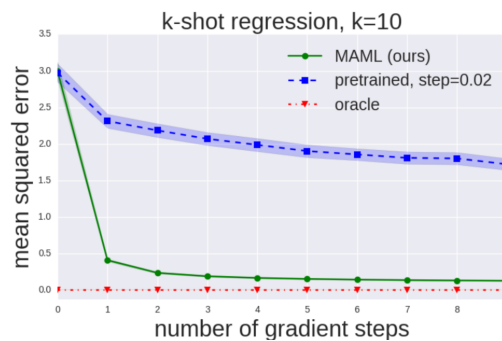
Figure 1: The caption.

6.1.2 With subfigures

See Figure 2.

- **+** Allow user to create more complex configurations

6.2 Referencing figures

In Figure 2, we can notice that...

7 Admonition blocks

If you write admonition blocks, they are translated into something similar in latex.

Example

> **warning**
>
> This is a warning

> **note**
>
> This is a note

(a)

(b)
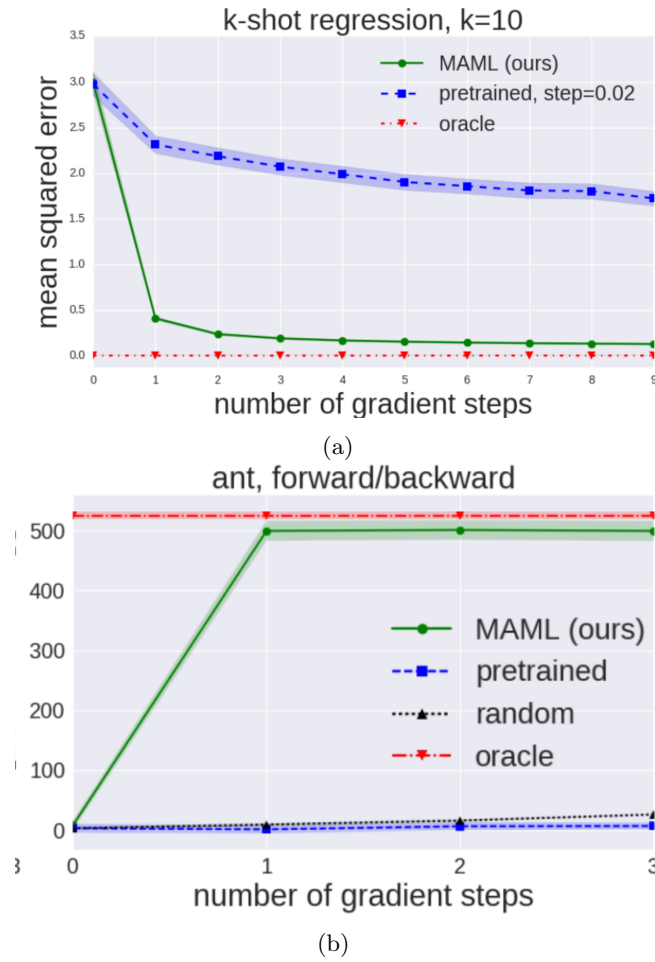
Figure 2

8 Code blocks

```
print("this is a code block")
```

```
print("this is another code block")
```

9 Cross-reference of section

Check this section (**??**) about adding citations.

10 ✠Cross-reference of block

example

11 Assume sections from embedded notes

The sections from embedded notes can assume the hierarchy of the file wherein they are embedded.

> **note**
>
> Notice in the latex file that the section hierarchy has been modified to adhere to the hierarchy of the file that embeds the note.

11.0.1 Section 1 of embedded

11.0.1.1 subsection 1 of embedded

12 Hyperlinks

Click here.

13 Tables

See Table 1, Table 2, and Table 3.

Table 1: Caption of table written in Obsidian

Col1	Col2	Col3	Col4
a11	a12	Some more text	even more text
a21	Equation: $E = mc^2$	Some more text- Some more text- Some more text- Some more text- Some more text- Some more text	even more text even more text even more text even more text even more text
Reference ??	1	1	1

Table 2: Table with customized widths and row color formatting

Col1	Col2	Col3	Col4
a11	a12	Some more text	even more text
a21	Equatio $E = mc^2$	Some more textSome more text- Some more textSome more text- Some more textSome more text	even more text even more text even more text even more text even more text
Reference1 ??	1		1

Table 3: A long table. Changed the package in the table file properties

Col1	Col2	Col3	Col4
a11	a12	Some more text	even more text

a21	Equation: $E = mc^2$	Some more text- even more text	
		Some more text- even more text	
		Some more text- even more text	
		Some more text- even more text	
		Some more text- even more text	
		Some more text	
Reference **??**	1	1	1
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14   Latex commands

When there is something niche, or some translation functionality that hasn't been developed yet, you can write a latex command within the code-block functionality of Obsidian, and the translator will not touch it. Use the syntax according to the following example:

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

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15 Inline code parameterization

Open this note to modify the fields and add more.

We used method$_1$.$Weusethismethod, becauseit'sawesome.$