

Obviously the title of the book

Yann Esposito

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# 1 Introduction

It is a simple demonstration of how macros are working. They were declared inside the markdown like this:

```
%%% multiline %%% a
multiline
macro %%%
%%% ruby %%% ruby: "a"*3 %%%
%%% complex %%% ruby: (1..5).map do |x|
x*x
end.join(" : ") %%%
LLL latex LLL \LaTeX LLL
LLL tldr LLL {\em Too long don't read: } LLL
```

Now if I write:

```
%tldr A simple demonstration of how macros are working.
```

It renders as:

*Too long don't read:* A simple demonstration of how macros are working.

The %multiline macro render as:

a

multiline

macro

The output should be in  $\text{\LaTeX}$  and was compiled from a markdown-like format.

- Simple list ;
- Example ;
- Another one item.

Hello there

this is some code block

$\text{\LaTeX}$  Some  $\text{\LaTeX}$  definition

A simple math mode  $x_i$  and a protected one  $\$x_i\$$ . A long formula now:

$$\sum_{i=0}^n \sqrt{x_i + y_i}$$

Even with some ruby code inside:

Here is the result of the `%ruby` macro:

aaa

and a more complex one:

1 : 4 : 9 : 16 : 25

## **2 This is the first section or paragraph...**

### **2.1 and a sub-section or section may-be**

Here the text begins.