Learn LaTeX 🚀

oeyoews

2022-08-11T13:16:20

目录

插图

1 Abstract

摘要

LaTeX documentation written as LaTeX! How novel and totally not my idea!

2 CN

2.1 滕王阁序

滕王高阁临江渚，佩玉鸣鸾罢歌舞。
画栋朝飞南浦云，珠帘暮卷西山雨。
闲云潭影日悠悠，物换星移几度秋。
阁中帝子今何在？槛外长江空自流。

3 Instroduce ✨

Hello, Latex

4   Color

- $\boxed{\text{Thsis a box tex}}$

- this si admeo

- large text

- this is a grenn tex

- ~~delete line~~

- wave

5   Href

link test

5.1   Href Link

Click this link to test

fishforyou website [1]

---

[1]book

6 Emoji 🚀

These are colour emojis using the `emoji` package and LuaLaTeX:

leaves 🍃 rose 🌹 link 🔗 😄 🐵 ✨ 📖 ✏️

You can use emoji-modifiers: 🧑🏾 👨‍👩‍👧‍👦 🇲🇾 🇬🇧

7 Thebibliography

7.1 Reference

7.2 oeyoews

bibfile or with next miss, because this number is same [1] this is a oey-oews reference

8 🎨 Style

f2 = 23, this is a dmeo for met

- **bold**

- *italic*

- <u>underline</u>

- <u>emph</u>

9   New page

This is a newpage example, the below is empty
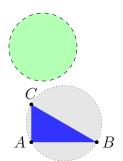
10 List

10.1 orderlist

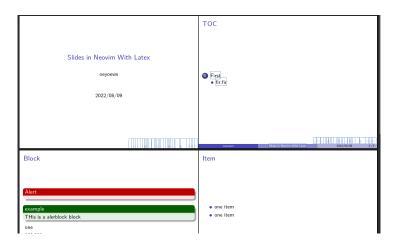1. orderlist

10.2 unlist
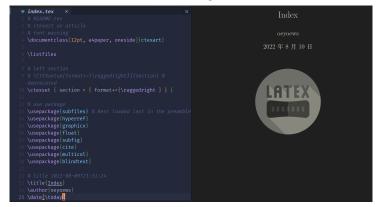
- one

- two

11   Images 📖

图 1: Fig01

图 2: Fig02

12   Poetry

13 Table

表 1: Title of table

a11	a12
a21	a22

14   First Section

All human things are subject to decay. And when fate summons, Monarchs must obey.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

This is second column

15 Formula

$$\sqrt{x} + \sqrt{x^2} + \sqrt{y} = \sqrt[3]{k_i} - \frac{x}{m}$$

$$\lim_{x \to \infty} x_{22}^2 - \int_1^5 x \mathrm{d}x + \sum_{n=1}^{20} n^2 = \prod_{j=1}^{3} y_j + \lim_{x \to -2} \frac{x-2}{x}$$

15.1 inline formula

$f = m^2$

15.2 display block formula

$$E = mc^2.$$

15.3 Equation

$$f = ma \tag{1}$$

$$s = vt \tag{2}$$

$$A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix} \tag{3}$$

15.4 Matrix

$$\begin{bmatrix} 1 & 2 & \cdots \\ 67 & 95 & \cdots \\ \vdots & \vdots & \ddots \end{bmatrix}$$

15.5 math group

$$\begin{cases} f = ma \\ s = vt \end{cases} \tag{4}$$

16 CodeBlock

```
printf("Lua code block")
```

17 comment

18　include

Have import include includeonly, and subfile

18.1　Term

env, preamble, etc

18.2　document

gf to check source code , or check github one hundred tex files

19 TODO ✅

- img how to recursive search

- how use indenpend file, even have relative path, to compile

- this includeonly difference with include(linke cinclude and define? or input)

- solve relative path, such bib img

- this ref pag is not right

20　hyperref

this is a hyper link

this 20 is a dmeo this 21 si sec

21   demo

this second 25 demo

22 hyper compile

because the first time generate aux assist file, so this pdf will have question symbol, in xelatex only one times.

but if use latexmk directly, this question will solved,(for two comile only now), actually this command execute two time to generate pdf file, so it's normal. latexmk virtue

23 Lipsum

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.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

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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.

THANK YOU

参考文献

[1] Rudolf Wille. <u>Restructuring Lattice Theory: An Approach Based on Hierarchies of Concepts</u>, pages 445–470. Springer Netherlands, Dordrecht, 1982.