

Controlling T_EX

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1 Basic Concept

1.1 escape character

原文

Note: Some computer terminals have a key marked ‘ESC’, but that is not your escape character! It is a key that sends a special message to the operating system, so don’t confuse it with what this manual calls “escape.”

人话翻译：你键盘上的 ESC 键，不是这里的 `escape character`

注：高德纳在这里应该是把我们一般的个人 PC 称作了终端

Remark

**TEX allows any character to be used for escapes, But Usually **

1.2 Control Sequence

定义

Immediately after typing ‘\’ (i.e., immediately after an escape character) you type a **coded command** telling TEX what you have in mind. Such commands are called **control sequences**.

Controle Sequence 的分类

Control sequences come in two flavors.(控制序列有两种形式)

► *Control Words*

consists of an escape character followed by one or more letters, followed by a space or by something besides a letter. 一个简单的控制序列的例子： `\input`

Remark

TEX has to know where the control sequence ends, so you must put a space after a control word **if the next character is a letter**

TEX 必须知道控制序列在哪里结束，所以当控制序列后面是一个字母时，务必使用空格分开。

In case you're wondering what a "letter" is, the answer is that TEX normally regards the 52 symbols A...Z and a...z as letters. The digits 0...9 are not considered to be letters, so they don't appear in control sequences of the first kind.

翻译：在 \TeX 中 `letter` 仅包含 52 个大小写英文字母，不包含数字

► *control symbol*

定义

it consists of the escape character followed by a **single nonletter**. 一个简单的控制序列的例子：`\'x`(注：使用样例：`A\'a`—> `Aá`)

Remark

In this case you don't need a space to separate the control sequence from a letter that follows

在这种情况下,你不用再添加空格了,因为这类控制序列一般只有一个 `symbol(letter, nonletter)`

► EXERCISE 3.1

What are the control sequences in `'\I' m \exercise3.1\\!'` ?

Solve

报错：Undefined control sequence.

►