

Customizing L^AT_EX

Son To *

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1 New commands, Environments and Packages

1.1 New commands

The format for the new commands is:

`\newcommand{name}[num]{definition}`

An example of this is The not so short introduction to L^AT_EX 2_ε, and hey, we have The not so short introduction to L^AT_EX 2_ε.

Another example is:

- This is the *not so* short Introduction to L^AT_EX 2_ε
- This is the *very* long Introduction to L^AT_EX 2_ε

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L^AT_EX will allow overwriting available commands only if we use `\renewcommand`, with the same syntax as `\newcommand`. Also, the `\providecommand` works the same as `\newcommand`, but L^AT_EX will silently ignore it if the command exists!

1.2 New environments

`newenvironment{name}[num]{before}{after}`

Let's try an example.

■ I am Edward Longsharks... ■

Similar to new commands, we have `\renewenvironment`

1.3 Extra space

I lied.

I have an healthy baby boy.

Same
here.

When creating a new environment, extra spaces can easily creep in. Fix this problem with `\ignorespaces` and `\ignorespacesafterend` I lied.

I have an healthy baby boy.

Same
here.

1.4 Own package

Use `\ProvidesPackage{package name}` on .sty files containing new modifications.

2 Fonts and Sizes

2.1 Changing Font commands

- Groups are important for limit the effect of font size (and of most L^AT_EX commands)
- Font size changes line spacing only if the paragraph ends within the group. See

My name is Darth Vader.
not Palpatine
and

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