

LaTeX Time

Come on, grab your friends !

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Our goal was to become programmers, so we started drinking coffee and staring at our screen but instead we became crazy and blind. How do they do that ? In this article, we present you our research about how amazing are programmers and how they will save the world.

1 The answer to life the universe and everything

The answer is not lists but whatever, let's take a look at them.

1.1 Bulleted list

- First item
- Second item

1.2 Enumerated list

1. An enumerated item
2. Another one

BTW, the answer is 42 !

2 Let's talk Greek and French

2.1 Greek symbols

$$\sigma = \rho\Omega + \Phi$$

2.2 French language

La 1^{re} fois que j'ai écrit un document en \LaTeX , la température était de 22°C. En France, on écrit les noms de famille en majuscule comme ceci, GUYON David et nous n'utilisons pas "ceci" mais « cela ».

3 Let's do mathematics

$$E \neq mc^3 \quad (1)$$

$$E = mc^2 \quad (2)$$

$$c \approx 3.00 \times 10^8 \text{ m/s} \quad (3)$$

$$A \overset{\text{over}}{\underset{\text{under}}{\leftarrow}} B$$

$$\begin{bmatrix} a & -b \\ -c & d \end{bmatrix} \begin{bmatrix} a & -b \\ -c & d \end{bmatrix}$$

4 Specific applications

The theme song of the TV show Adventure Time sounds like this : "Adventure time, could stay in your head a whole day and c'mon grab your friends. We'll go to very could freeze your mind because of its addictive distant lands. With Jake the Dog, and Finn the Human, the fun will never end. It's ad-

4.1 Source code

```
1 public abstract interface Command {
2     public abstract void execute();
3 }
```

Listing 1: Interface *Command*

4.2 Semantic

$$\text{Séquence} \frac{\langle c, \sigma \rangle \rightarrow^* \sigma'}{\langle c; c', \sigma \rangle \longrightarrow \langle c', \sigma' \rangle}$$