

# Introduction to LaTeX

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## Abstract

Though the length of this might not warrant an abstract, this document will serve as a brief introduction to LaTeX.

## 1 What's LaTeX?

Let **this** sentence illustrate to you that, *first* of **all**, LaTeX is *pretty* cool!

### 1.1 Backstory on LaTeX

**What's ~~La~~TeX again?** LaTeX is a software system for document preparation that gives users a convenient way to format and display plain text in a highly configurable, modular, and adjustable manner.



Figure 1: The Latex Project has a bird logo

Above is the gorgeous bird logo of the LaTeX project (figure 1).

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\*To my mentors, friends and family

LaTeX can be helpful for:

1. Organizing thoughts
2. Resumes
3. Mathematical documents, expressing equations like  $E = mc^2$

Second equation example:

$$\pi r^2 = \textit{circumference}$$