



# compile-latex

with metropolis theme

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maxulysse

# compile-latex

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Just a simple latex compiler with Nextflow and a Docker container

Usage:

```
nextflow run maxulysse/compile-latex \
--tex <file.tex> \
[--bibliography <bib file>] \
[--pictures <pictures directory>]
```

This pdf was compiled using

```
nextflow run maxulysse/compile-latex \
--tex sample.tex
```

## Insert code - Code / Results

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```
\begin{minted}[fontsize=\tiny]{latex}  
Code to display  
\end{minted}
```

or

```
\mint{latex}|Code to display|
```

## Use references - Code / Results

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The document is an example of BibTeX using in bibliography management.  
Three items are cited: `\textit{The \LaTeX\ Companion}` book `\cite{latexcompanion}`,  
the Einstein journal paper `\cite{einstein}`,  
and the Donald Knuth's website `\cite{knuthwebsite}`.  
The `\LaTeX\ related items` are `\cite{latexcompanion,knuthwebsite}`.

The document is an example of BibTeX using in bibliography management. Three items are cited: *The L<sup>A</sup>T<sub>E</sub>X Companion* book [2], the Einstein journal paper [1], and the Donald Knuth's website [3]. The L<sup>A</sup>T<sub>E</sub>X related items are [2, 3].

## Print the bibliography - Code / Results

```
\printbibliography
```

-  Albert Einstein. "Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]". In: *Annalen der Physik* 322.10 (1905), pp. 891–921. DOI: <http://dx.doi.org/10.1002/andp.19053221004>.
-  Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The L<sup>A</sup>T<sub>E</sub>X Companion*. Reading, Massachusetts: Addison-Wesley, 1993.
-  Donald Knuth. *Knuth: Computers and Typesetting*. URL: <http://www-cs-faculty.stanford.edu/%5C~%7B%Duno/abcde.html>.

# Use Font-Awesome and Academicons - Code / Results

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```
GitHub: \faGithub
```

```
DOI: \aiDoi
```

GitHub: 

DOI: 

## Insert Picture - Code

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```
\begin{center}
  \includegraphics[width=.8\linewidth]{pictures/SciLifeLab-Snowpocalypse.jpg}
\end{center}
```

# Insert Picture - Result



## Change Background - Code

```
\usebackgroundtemplate{  
    \includegraphics[width=\paperwidth]{pictures/SciLifeLab-BlueSky.jpg}  
}
```

# Change Background - Result

