- Home (/)   »
- Tutorials (/tutorials/)   »
- 06 Table of contents

Generate a table of contents in LaTeX

LaTeX offers features to automatically generate a table of contents, a list of figures and a list of tables. Learn here how to use them.

Tweet

[Open document online] (https://www.writelatex.com/docs?snip_uri=http://www.latex-tutorial.com/media/downloads/lessons/lesson6.tex&splash=none)

1. Table of contents
2. List of figures

Table of contents

Generating a *table of contents* can be done with a few simple commands. LaTeX will use the section headings to create the *table of contents* and there are commands to create a *list of figures* and a *list of tables* as well. I will give a small example code to create a *table of contents* first:

```
\documentclass{article}

\begin{document}

\tableofcontents
\newpage

\section{Section}

Dummy text

\subsection{Subsection}

Dummy text

\end{document}
```

After compiling the .tex file *two* times, you will get the following table of contents:

This website makes use of cookies to enhance browsing experience and provide additional functionality. Details

Contents

List of figures / tables

The generation of a list of figures and tables works the same way. I added a dummy figure and table and put the lists in the appendix of my document:

```
\begin{document}
...
\begin{figure}
  \caption{Dummy figure}
\end{figure}

\begin{table}
  \caption{Dummy table}
\end{table}
...
\begin{appendix}
  \listoffigures
  \listoftables
\end{appendix}

\end{document}
```

After compiling *two* times again, the lists will be generated like this:

List of Figures

1   Dummy figure   2

List of Tables

1   Dummy table   2

Summary

- Autogenerate a table of content using \tableofcontents
- Create lists of your figures and tables with \listoffigures and \listoftables
- Always compile *twice* to see the changes

Next Lesson: Lesson 7 (/tutorials/bibtex/)

Top ↑ Oct. 7, 2017

design and content © 2017 Claudio Vellage (https://www.claudiovellage.com)

Allow cookies

Top ↑ Oct. 7, 2017

design and content © 2017 Claudio Vellage (https://www.claudiovellage.com)

This website makes use of cookies to enhance browsing experience and provide additional functionality. Details