

# The outlining package\*

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## 1 Introduction

Every scientific document requires outlining before it is written. The following paragraph shows outline plus final text.

### Best-practices outlines

A best-practices are three level outlines.

1 *Each pararagraph shall have a single topic*

2 *Each topic consists of multiple major points*

2.1 Major may have optional minor points

### Document Outline

<b>Best-practices outlines . . . . .</b>	<b>1</b>
1 <i>Each pararagraph shall have a single topic . . . . .</i>	1
2 <i>Each topic consists of multiple major points . . . . .</i>	1
2.1 Major may have optional mi- nor points . . . . .	1

## 2 Implementation

Some internal macros:

```
1 \newcommand{\@disableOutlining}{}
2 \newcommand{\@disableTopics}{}
3 \newcommand{\@disableMajors}{}
4 \newcommand{\@disableMinors}{}
5 \newcommand{\@outlineAtBegin}{}
6 \newcommand{\@outlineAtEnd}{}

```

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\*This document corresponds to outlining v0.1, dated 2017/10/23.

<code>disable</code>	Disable all package output <pre>7 \DeclareOption{disable}{\renewcommand{\@disableOutlining}{disable}}</pre>
<code>outlineatbegin</code>	Outline at document begin <pre>8 \DeclareOption{outlineatbegin}{\renewcommand{\@outlineAtBegin}{\listOutline}}</pre>
<code>outlineatend</code>	Outline at document end <pre>9 \DeclareOption{outlineatend}{\renewcommand{\@outlineAtEnd}{\listOutline}}</pre> <pre>10 \ProcessOptions\relax 11 \usepackage[obeyFinal, \@disableOutlining]{todonotes} 12 \newcounter{majornum} 13 \newcounter{minornum} 14 \AtBeginDocument{\@outlineAtBegin} 15 \AtEndDocument{\@outlineAtEnd}</pre>
<code>\outlineTopics</code>	Activate topics and deactivate major and minor points <pre>16 \newcommand{\outlineTopics}{ 17 \renewcommand{\@disableTopics}{} 18 \renewcommand{\@disableMajors}{disable} 19 \renewcommand{\@disableMinors}{disable} 20 }</pre>
<code>\outlineTopicsMajors</code>	Activate topic and major points and deactivate minor points <pre>21 \newcommand{\outlineTopicsMajors}{ 22 \renewcommand{\@disableTopics}{} 23 \renewcommand{\@disableMajors}{} 24 \renewcommand{\@disableMinors}{disable} 25 }</pre>
<code>\outlineTopicsMajorsMinors</code>	Activate topics, major and minor points <pre>26 \newcommand{\outlineTopicsMajorsMinors}{ 27 \renewcommand{\@disableTopics}{} 28 \renewcommand{\@disableMajors}{} 29 \renewcommand{\@disableMinors}{} 30 }</pre>
<code>\topic</code>	Topic <pre>31 \newcommand{\topic}[1] 32 {\setcounter{majornum}{0}\setcounter{minornum}{0}\todo[color=red!40, size=\footnotesize, inline 33 {\textbf{\#1}}}</pre>
<code>\major</code>	Major point <pre>34 \newcommand{\major}[1] 35 {\stepcounter{majornum}\setcounter{minornum}{0}\todo[color=green!10, size=\footnotesize, inline 36 {\textit{\themajornum \enspace \#1}}}</pre>

```

\minor Minor point
37 \newcommand{\minor}[1]
38 {\stepcounter{minornum}\todo[color=gray!10, size=\footnotesize, inline, \@disableMinors]
39 {\themajornum.\theminornum \enspace #1}}

\listOutline Outline list
40 \newcommand{\listOutline}{
41 \clearpage
42 \listoftodos[Document Outline]
43 \clearpage
44 }

```