

# 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.

#### Document Outline

Best-practices outlines . . . . . 1

## 2 Implementation

Some internal macros:

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

disable Disable all package output
7 \DeclareOption{disable}{\renewcommand{\@disableOutlining}{disable}}

outlineatbegin Outline at document begin
8 \DeclareOption{outlineatbegin}{\renewcommand{\@outlineAtBegin}{\listOutline}}

outlineatend Outline at document end
9 \DeclareOption{outlineatend}{\renewcommand{\@outlineAtEnd}{\listOutline}}
```

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

```

10 \ProcessOptions\relax
11 \usepackage[obeyFinal, \@disableOutlining]{todonotes}
12 \newcounter{majornum}
13 \newcounter{minornum}
14 \AtBeginDocument{\@outlineAtBegin}
15 \AtEndDocument{\@outlineAtEnd}

\outlineTopics Activate topics and deactivate major and minor points
16 \newcommand{\outlineTopics}{
17 \renewcommand{\@disableTopics}{}
18 \renewcommand{\@disableMajors}{disable}
19 \renewcommand{\@disableMinors}{disable}
20 }

\outlineTopicsMajors Activate topic and major points and deactivate minor points
21 \newcommand{\outlineTopicsMajors}{
22 \renewcommand{\@disableTopics}{}
23 \renewcommand{\@disableMajors}{}
24 \renewcommand{\@disableMinors}{disable}
25 }

\outlineTopicsMajorsMinors Activate topics, major and minor points
26 \newcommand{\outlineTopicsMajorsMinors}{
27 \renewcommand{\@disableTopics}{}
28 \renewcommand{\@disableMajors}{}
29 \renewcommand{\@disableMinors}{}
30 }

\topic Topic
31 \newcommand{\topic}[1]
32 {\setcounter{majornum}{0}\setcounter{minornum}{0}\todo[color=red!40, size=\footnotesize, inline
33 {\textbf{#1}}}]

\major Major point
34 \newcommand{\major}[1]
35 {\stepcounter{majornum}\setcounter{minornum}{0}\todo[color=green!10, size=\footnotesize, inline
36 {\themajornum \; #1}]}

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

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

```