The **shorttoc** package

Jean-Pierre F. Drucbert

`drucbert@onecert.fr`

1999/08/20

Short Contents

Contents

Abstract

This package[1] allows you to create another table of contents, with a different depth. This could be useful in large documents where a detailed table of contents should be accompanied by a shorter one, giving only a general overview of the main topics in the document.

1   The **shorttoc** package

\shorttableofcontents   This package defines the `\shorttableofcontents` macro, which is used as follows:

$$\texttt{\textbackslash shorttableofcontents}\{\langle title \rangle\}\{\langle depth \rangle\}$$

---

[1] Copyright © 1997, 1998, 1999 by
Jean-Pierre F. Drucbert
ONERA/Centre de Toulouse SRI
Office National d'Études et de Recherches Aérospatiales
Centre de Toulouse
Service Réseaux et Informatique

Complexe Scientifique de Rangueil
2, Avenue Édouard Belin
BP 4025 F-31055 TOULOUSE CEDEX
FRANCE

Email: `drucbert@onecert.fr`

where ⟨*title*⟩ will be the title of this table of contents and ⟨*depth*⟩ its "depth", with the meaning of the `tocdepth` counter.

1.1 Options

The available package options are `loose` (default) and `tight`. `tight` reduces the amount of vertical space between the lines of the short table of contents.

`\shorttoc`   As this macro has a too long name, `\shorttoc` is a synomym, with the same syntax.

1.2 Important note

This package *does not create* the `.toc` file; this file must be created by a classical `\tableofcontents` command, or by something similar. The `\shorttableofcontents` (or `\shorttoc`) command must be given *before* the `\tableofcontents` (or equivalent) command. If you do not respect the right sequence, the short table of contents will be empty (just its title).

2　Implementation

1 ⟨∗package⟩

\@startshorttoc　First, we declare the **\@startshorttoc** macro, like **\@starttoc**, but without creating the `.toc` file:

```
2 \def\@startshorttoc#1{\bgroup
3   \makeatletter
4   \@input{\jobname.#1}%
5   \global\@nobreakfalse \egroup}
```

\if@tightshtoc　Then a flag for the tight/loose options:

```
6 \newif\if@tightshtoc \@tightshtocfalse
```

\shorttableofcontents　Then the user interface macro is copied from **\tableofcontents**, but with arguments and processing of the depth:

```
7 \def\shorttableofcontents#1#2{\bgroup\c@tocdepth=#2\@restonecolfalse
8   \if@tightshtoc
9     \parsep\z@
10  \fi
11  \if@twocolumn\@restonecoltrue\onecolumn\fi
12  \@ifundefined{chapter}%
13  {\section*{{#1}
14      \@mkboth{\uppercase{#1}}{\uppercase{#1}}}}%
15  {\chapter*{{#1}
16      \@mkboth{\uppercase{#1}}{\uppercase{#1}}}}%
17  \@startshorttoc{toc}\if@restonecol\twocolumn\fi\egroup}
```

\shorttoc　Let us define a shorter synonym:

```
18      \let\shorttoc\shorttableofcontents
```

And declare the options:

```
19      \DeclareOption{tight}{\@tightshtoctrue}
20      \DeclareOption{loose}{\@tightshtocfalse}
21      \ExecuteOptions{loose}
22      \ProcessOptions*
```