An Unique Front Structure

Weifan Wei

2023/05/07

1 Introduction

This package can help you format your notes easily and give them a unique front page for every chapter and section. It calculates your progress and then displays the progress bar under the title. It also displays a partial table of contents under every progress bar and only shows the subdirectories of the current part. To generate this, you can simply enter your current completed titles with a command that accepts Variable Arguments. Still, that also helped you review your notes. You can also customise the colour of the bar.

2 Commands

\usepackage\usepackage{options}{unifront}
\{options\}: You can choose from ‘red’, ‘blue’, ‘yellow’, ‘help’.

\currentchapter\currentchapter{\{chapter name\}}\{\{chapter name\}\}...
\{chapter name\}: The name of completed chapter.

\currentsections\currentsections{\{section name\}}\{\{section name\}\}...
\{section name\}: The name of completed section.

\currentsubsections\currentsubsections{\{subsection name\}}...
\{subsection name\}: The name of completed subsection.

\newtitle\newtitle{\{title name\}}{\{number of chapters\}}\{\currentchapter{\{n\}}\{\{n\}\}...}
\{title name\}: The name of your document.
\{number of chapters\}: The total number of the chapters you are planning to do.
\currentchapter{\{n\}}...: Put the name of each completed chapter in to \{(n)\} in order.

\newchapter\newchapter{\{chapter name\}}{\{number of sections\}}\{\currentsection{\{n\}}\{\{n\}\}...}
\{chapter name\}: The name of the chapter.
\{number of sections\}: The total number of the sections you are planning to do.
\currentsection{\{n\}}...: Put the name of each completed section in to \{(n)\} in order.
\newsection \newsection{\{section name\}\{number of subsections\}\{\currentsubsection{\{(n)\}}\{\{(n)\}\}...}
It generate the front page for the current section.
\{\{section name\}\}: The name of the section.
\{\{number of subsections\}\}: The total number of the subsections you are planing to do.
\{\currentsection{\{(n)\}}\}: Put the name of each completed subsection in to \{\{(n)\}\} in order.

\newsubsection \newsubsection{\{subsection name\}}
It give you a subsection
\{\{subsection name\}\}: The name of the subsection.

3 Example
The basic structure should look like the following:\footnote{Go to https://github.com/weifanw/unifront for more information}

% Preset
\documentclass[144paper, twoside]{report}
\usepackage[blue]{unifront}
\usepackage{hyperref}

% Document information
\author{Weifan W.}
\date{04/05/2023}
% Document start from here
\begin{document}
\newtitle{This is a title name}{5}{\currentchapter{chapter1name}{chapter2name}}
\newchapter{chapter1name}{12}{\currentsections{section1name}{section2name}{section3name}{section4name}}
% section1 start from here
\newsection{section1name}{5}{\currentsubsections{subsection1name}{subsection2name}}
This is a sentence.
\newsubsection{subsection1name}
This is a sentence.
\newsubsection{subsection2name}
This is a sentence.
% section2 start from here
\newsection{section2name}{5}{\currentsubsections{subsection3name}}
\newsubsection{subsection3name}
This is a sentence.
% section3 start from here
This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.

This is a sentence.