

The **turnthepage** package

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1 Introduction

On some exams' sheets, some professors or lecturers like to indicate to the reader that the 'page' can be turned. That avoids oversights to the student, thereby avoiding them cold sweat at the end of the exam, realizing that there were other questions they needed to answer. One might implement a \LaTeX mechanism so that each odd page (except the last one, if the last page is odd) displays a message to turn the page. This mechanism can also be useful for different kinds of documents.

This package can thus be used for exams, or special documents printed 'twoside.'

2 Use

2.1 Loading the Package

To load the package, please use

```
\usepackage[options]{turnthepage}
```

2.2 Available Options

The following options are available:

- **short**: will display '/...' at the bottom of each odd page, in its right corner,
- **english**: will display 'Turn the page.' at the bottom of each odd page, in its right corner,
- **francais**: will display 'Tournez la page.' at the bottom of each odd page, in its right corner,
- **nederlands**: will display 'Sla de pagina om.' at the bottom of each odd page, in its right corner,
- **deutsch**: will display 'Bitte wenden.' at the bottom of each odd page, in its right corner,

As the package calls `\turnthepage` where it needs to be placed, you can define `\turnthepage` as you want. For example, if you want a more polite way to say it, you can use

```
\renewcommand{\turnthepage}{\itshape Turn the page please.}
```

after the preamble.

3 Implementation

Here is the code of `turnthepage.sty`:

```

1 %% This is file 'turnthepage.sty' v1.2 by Meriadri Luca.
  % Thanks to Marc van Dongen for his help.
3
  \NeedsTeXFormat{LaTeX2e}
5 \ProvidesPackage{turnthepage}[2011/01/31 Indicating to turn the page]
  \PackageInfo{turnthepage}{This is turnthepage.}
7 \RequirePackage{atbegshi}
  \RequirePackage{picture}
9 \RequirePackage{zref-abspage}
  \RequirePackage{zref-lastpage}
11
  \DeclareOption{short}{%
13 \providecommand{\turnthepage}{/\ldots}
  }
15
  \DeclareOption{english}{%
17 \providecommand{\turnthepage}{\textit{Turn the page.}}
  }
19
  \DeclareOption{francais}{%
21 \providecommand{\turnthepage}{\textit{Tournez la page.}}
  }
23
  \DeclareOption{nederlands}{%
25 \providecommand{\turnthepage}{\textit{Sla de pagina om.}}
  }
27
  \DeclareOption{deutsch}{%
29 \providecommand{\turnthepage}{\textit{Bitte wenden.}}
  }
31
  \AtBeginShipout{%
33 \AtBeginShipoutUpperLeft{%
    \ifodd\c@page
35 \ifnum\zref@extract{LastPage}{abspage}>\c@abspage
      \dimen1=1in
37 \advance\dimen1 by \textwidth
      \advance\dimen1 by \oddsidemargin
39 \dimen3=1in
      \advance\dimen3 by \topmargin
41 \advance\dimen3 by \headheight
      \advance\dimen3 by \headsep
43 \advance\dimen3 by \textheight
      \advance\dimen3 by \footskip
45 \put(\dimen1,-\dimen3){\llap{\turnthepage}}%
    \fi\fi%
47 }}
49 \ProcessOptions
  \relax

```

4 Bugs

There is currently only one ‘bug:’

- Using a `\setcounter` command will produce a missing number error.

5 Version History

1. **v1.0:** package is introduced to the L^AT_EX world (happy new 2011 year!),
2. **v1.1:** new options are added thanks to Mr. van Dongen’s suggestions: `english` now replaces `long`, and `francais`, `nederlands`, `deutsch` are implemented as translations of ‘Turn the page.’ in French, Dutch, and German,
3. **v1.2:** in **v1.1**, setting page numbering to ‘arabic’ lead to errors. As a result, Mr. Philipp Stephani proposed to use `zref-abspage` and `zref-lastpage` at the place of `lastpage`. After some slight modifications, one can now use any page numbering style. This manual uses the old version of the macro, when the package is the new version.

6 Thanks

Many thanks go to Marc van Dongen for his help at [2], and to Philipp Stephani at [1].

7 Contact

If you have any question concerning this package (limitations, bugs, ...), please contact me at Luca.Merciadri@student.ulg.ac.be.

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nederlands, [2](#)
short, [2](#)

8 References

References

- [1] P. STEPHANI AND L. MERCIADRI, *New on CTAN: turnthepage*, 2010.
- [2] M. VAN DONGEN AND L. MERCIADRI, *Turn the Page, comp.text.tex*, 2011.