

The romanbarpagenumber package*

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Abstract

Use the package `romanbar` for roman page numbers.
Information site on CTAN: <https://www.ctan.org/pkg/romanbarpagenumber>
Question on Stackexchange: <http://tex.stackexchange.com/q/120066/32320>
Fork me on GitHub: <https://github.com/ypid/latex-packages/tree/master/romanbarpagenumber>

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1 Introduction

The package `romanbar` allows to typeset roman numbers with bars. The `romanbarpagenumber` package allows you to use those “correct” roman numbers as page number.

*This document corresponds to `romanbarpagenumber` v1.0, dated 2015/02/06.

2 Usage

Just load the package placing

```
\usepackage{romanbarpagenumber}
```

in the preamble of your L^AT_EX 2_ε source file.

When you now set your page numbering to Roman, it will use the `romanbar` package to typeset the roman number. You can set the page numbering to Roman with the following macro.

```
\pagenumbering{Roman}
```

3 Contributing

This package is being developed on GitHub: <https://github.com/ypid/latex-packages/tree/master/romanbarpagenumber>. When you want to modify the `.sty` file, make sure that you make your changes in the `.dtx` file instead, as the `.sty` file is automatically generated.

4 Implementation

This package depends on these packages.

```
1
2 \RequirePackage{kvoptions}
3 \RequirePackage{xifthen}
4 \RequirePackage{romanbar}
5 \AtBeginDocument{%
6   \ifpackageloaded{hyperref}{%
7     \pdfstringdefDisableCommands{\let\Roman@bar\@firstofone}
8   }{}
9 }
```

4.1 Redefining pagenumbering

```
10 \let\romanbarpagenumber@pagenumbering\pagenumbering\relax%
11 \renewcommand{\pagenumbering}[1]{%
12   \romanbarpagenumber@pagenumbering{#1}
13   \ifthenelse{\equal{#1}{Roman}}{%
14     \renewcommand*{\thepage}{\Roman@bar{\Roman{page}}}
15   }{}
16 }
```

That's it.

```
17 \endinput
```

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

| | Symbols | L | R |
|--------------------------------|----------------|---|--|
| <code>\@firstofone</code> | 7 | <code>\let</code> 7, 10 | <code>\Roman</code> 14 |
| <code>\@ifpackageloaded</code> | .. 6 | | <code>\Roman@bar</code> 7, 14 |
| | | P | <code>\romanbarpagenumber@pagenumbering</code> 10, 12 |
| | | <code>\pagenumbering</code> | .. 10, 11 |
| | A | <code>\pdfstringdefDisableCommands</code> | T |
| <code>\AtBeginDocument</code> | ... 5 | 7 | <code>\thepage</code> 14 |