

The `mpfnmark` Package*

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1 Introduction

The `mpfnmark` package provides the command `\mpfootnotemark`, which can be used in the same way as `\footnotemark`. The difference between these two macros is that within minipage environments the latter uses the standard footnote marker style (defined by `\thefootnote`), while the new command uses the minipage footnote marker style (defined by `\thempfootnote`).

2 A Sample Section Containing Only A Minipage

This is a sentence with a footnote inside a minipage.^a This is a sentence with a footnote outside that minipage.¹ This is a sentence with the same footnote as the first sentence.^a

^aThis is the footnote of the sentence with a footnote inside a minipage.

3 A Sample Section Containing No Minipage

This is a further sentence with a footnote outside the minipage.² This is a sentence with the same footnote as the first sentence outside the minipage (marked by `\footnotemark[2]`).² This is a further sentence with the same footnote as the first sentence outside the minipage (marked by `\mpfootnotemark[2]`).²

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¹This is the footnote of the sentence with a footnote outside the minipage.

²This is the footnote of the further sentence with a footnote outside the minipage.

4 Source of the First Two Sections

```
\section{A Sample Section Containing Only A Minipage}

\hfill
\begin{minipage}{0.75\textwidth}
  This is a sentence with a footnote inside a minipage.\footnote{This is
    the footnote of the sentence with a footnote inside a minipage.} This is
  a sentence with a footnote outside that minipage.\footnotemark\ This is a
  sentence with the same footnote as the first sentence.\mpfootnotemark[1]\
\end{minipage}
\hfill
\footnotetext{
  This is the footnote of the sentence with a footnote outside the minipage.}

\section{A Sample Section Containing No Minipage}

This is a further sentence with a footnote outside the minipage.\footnote{
  This is the footnote of the further sentence with a footnote outside the
  minipage.} This is a sentence with the same footnote as the first sentence
  outside the minipage (marked by |\footnotemark[2]|).\footnotemark[2]\
This is a further sentence with the same footnote as the first sentence
  outside the minipage (marked by |\mpfootnotemark[2]|).\mpfootnotemark[2]\
```

5 The driver file

Nothing fancy.

```
1 <*driver>
2 \documentclass{ltxdoc}
3 \EnableCrossrefs
```

Some commonly used abbreviations for option names, filenames, counters and packages.

```
4 \newcommand\lopt[1]{\textsf {#1}}
5 \newcommand\file[1]{\texttt {#1}}
6 \newcommand\lcount[1]{\textsl {#1}}
7 \newcommand\pstyle[1]{\textsl {#1}}
8 \date{\docdate}
```

The body of the style. Include all the details.

```
9 \usepackage{mpfnmark}
10 \begin{document}
11 % \OnlyDescription %uncomment to suppress the source listing
12 \DocInput{mpfnmark.dtx}
13 \PrintIndex
14 \PrintChanges
15 \end{document}
16 </driver>
```

6 The package

```
17 <*package>
18 \NeedsTeXFormat{LaTeX2e}[1995/12/01]
19 \ProvidesPackage{mpfnmark}[1996/11/27 v1.0 W. Kowarschick LaTeX package]
```

```

20 \typeout{Package: 'mpfnmark' v1.0\space<1996/11/27>}
21 \wlog{Documentation}
\mpfootnotemark This is the new macro. It is a modified version of \footnotemark found in latex.ltx distributed
                  by the LaTeX3 project.
22 \def\mpfootnotemark{%
23   \@ifnextchar[\@xmpfootnotemark
24     {\stepcounter{footnote}%
25     \protected@xdef\@thefnmark{\thempfn}%
26     \@footnotemark}}
27 \def\@xmpfootnotemark[#1]{%
28   \begingroup
29     \c@footnote #1\relax
30     \unrestored@protected@xdef\@thefnmark{\thempfn}%
31   \endgroup
32   \@footnotemark}
33 % </package>

    That's us.
34 \endinput

```