

The **savefnmark** Package*

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Abstract

Sometimes the same footnote applies to more than one location in a table. With this package the mark of a footnote can be saved into a name, and re-used subsequently without creating another footnote at the bottom.

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2 Introduction

Sometimes the same footnote applies to more than one location in a table. With this package the mark of a footnote can be saved into a name, and re-used subsequently without creating another footnote at the bottom.

This even works between tables (in minipages) and footnotes in surrounding text. The appearance of the footnote mark is kept, that is when a footnote of a previous table is mentioned in the text following the table, the mark looks the same as it does in the table.

The footnote marks are saved globally into a given control sequence. This control sequence must not have already been used and is defined for the whole of the document.

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Currently forward references are not possible. In other words footnotes which appear later in the text can't be referenced.

\saveFN The following two commands are defined by this package:

\saveFN{*name*}

saves the number of the footnote which was last introduced into *name*.

name can be any valid control sequence not already used.

\useFN To place the same footnote mark again later in the text, use

\useFN{*name*}

3 Example

The following example is produced with this input:

```
Surrounding text before the minipage with table.
text text text\footnote{footnote 1 in text} text
text\footnote{footnote 2 in text; also in table}\saveFN\sft\ text text text

\begin{minipage}{\textwidth}
\begin{tabular}{lll}
abc
&abc abc abc\footnote{footnote 1}\saveFN\sfn
&abc\\
abc abc abc
&abc abcdef efgh\footnote{footnote 2} abc
&same mark as first\useFN\sfn\ footnote\\
www\footnote{footnote 3}
&mark as text\useFN\sft\ footnote
&abc\\
\end{tabular}
\end{minipage}

Surrounding text after the minipage with table.
text text text\footnote{footnote 3 in text} text text text
```

Surrounding text before the minipage with table. text text text¹ text text² text
text text

abc	abc abc abc ^a	abc
abc abc abc	abc abcdef efgh ^b abc	same mark as first ^a footnote
www ^c	mark as text ² footnote	abc

^afootnote 1

^bfootnote 2

^cfootnote 3

Surrounding text after the minipage with table. text text text³ text text text

¹footnote 1 in text

²footnote 2 in text; also in table

³footnote 3 in text

4 To Do and Bugs

Any bugs?

Is it worth implementing a forward reference capability?