

The nccfoots package*

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The package implements commands for generating footnotes marked by hands.

1 User Interface

`\Footnotemark` These commands are accompany to the ordinary \LaTeX 's footnote mark command.
`\Footnotetext` They allow user to mark footnotes by hands. Their syntax is the following:
`\Footnote`

```
\Footnotemark{<marker>}  
\Footnotetext{<marker>}{<inserted text>}  
\Footnote{<marker>}{<inserted text>}
```

When `<marker>` is empty the previous marker will be used. Hence, `\Footnote` command is equal to

```
\Footnotemark{<marker>}\Footnotetext{}{<inserted text>}
```

2 The Implementation

`\NCC@makefnmark` We begin with the internal command `\NCC@makemark` which tests the footnote marker to be empty and globally redefines \LaTeX internal command `\@thefnmark` to be equal to this marker. We use exactly the same expansion method as in $\text{\LaTeX} 2_{\epsilon}$. We also initialize `\@thefnmark` command to avoid error when the first marking command has an empty marker.

```
1 <*package>  
2 \def\NCC@makefnmark#1{\def\@tempa{#1}%  
3   \ifx\@tempa\@empty \else  
4     \begingroup  
5       \unrestored@protected@xdef\@thefnmark{#1}%  
6     \endgroup  
7   \fi  
8 }  
9 \let\@thefnmark\@empty
```

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Note. If you use an automatic enumeration and produce marker by `\the⟨counter⟩` the internal command producing the shape of number have to be *robust*. All standard shaping commands like `\arabic`, `\roman`, etc., are robust. Take it into account if you want design your own shape.

<code>\Footnote</code> <code>\Footnotemark</code> <code>\Footnotetext</code>	Finally, we add the handle style footnote commands which are companions to the respective standard ones. <pre> 10 \newcommand*{\Footnote}[1]{\Footnotemark{#1}\@footnotetext} 11 \newcommand*{\Footnotemark}[1]{\NCC@makefnmark{#1}\@footnotemark} 12 \newcommand*{\Footnotetext}[1]{\NCC@makefnmark{#1}\@footnotetext} 13 \endpackage </pre>
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