The **nccfoots** package[*]

Alexander I. Rozhenko
rozhenko@oapmg.sscc.ru

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The package implements commands for generating footnotes marked by hands.

1 User Interface

\Footnotemark
\Footnotetext
\Footnote

These commands are acompany to the ordinary LaTeX's footnote mark command. They allow user to mark footnotes by hands. Their syntax is the following:

\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 LaTeX 2ε. 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.

\Footnote   Finally, we add the handle style footnote commands which are companions to the
\Footnotemark   respective standard ones.
\Footnotetext

```
10 \newcommand*{\Footnote}[1]{\Footnotemark{#1}\@footnotetext}
11 \newcommand*{\Footnotemark}[1]{\NCC@makefnmark{#1}\@footnotemark}
12 \newcommand*{\Footnotetext}[1]{\NCC@makefnmark{#1}\@footnotetext}
13 ⟨/package⟩
```