The tablefootnote package

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Abstract

This LaTeX package provides the command `\tablefootnote` to be used in a `table` or `sidewaystable` environment, where `\footnote` will not work and when using `\footnotemark` and `\footnotetext` and adjusting the counters (including `Hfootnote`) manually is either too much work or would not even work (`sidewaystable`).

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Save per page about 200 ml water, 2 g CO_2 and 2 g wood:
Therefore please print only if this is really necessary.

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1 Introduction

This LaTeX package provides the command `\tablefootnote{...}` to be used in a `table` or `sidewaystable` environment. In those environments `\footnote{...}` would not work and would need to be replaced by `\footnotemark` in the `(sideways)table` and `\footnotetext{...}` after the `(sideways)table` environment ended. Additionally the counters for `footnote` and (when the hyperref package is used) `Hfootnote` would need to be adjusted manually. Then still the hyperlinks in a `(sideways)table` would not work. When the footnotebackref package is used, `\footnotemark` and `\footnotetext{...}` would need to be redefined. Just using `\tablefootnote{...}` (with optional argument for custom foot note marks) in the (sideways)table does all this automatically. (Compatibility with the footnotebackref package was achieved without redefining `\footnotemark` or `\footnotetext`.) Redefining `\footnote` was *not* done as to not create conflicts with other packages.

2 Usage

Just load the package placing

```
\usepackage{tablefootnote}
```

in the preamble of your LaTeX 2_ε source file and use
`\tablefootnote{...}` instead of `\footnote{...}` and
`\tablefootnote[...]{...}` instead of `\footnote[...]{...}` in (sideways)tables.
When the footnotebackref package is used, it must be loaded before the tablefootnote package and the hyperrefpackage with option `hyperfootnotes=true` must be loaded, too. (Backreference-links without links do not make sense.)
When the rotating package (for `sidewaystable`s) is used, it must be loaded before the tablefootnote package and it must be a recent version (v2.16a, 2009/03/28, or newer).
If `\tablefootnote{...}` is used in a tabular environment, which is inside of a (sideways)table environment, everything is fine, but when the tabular environment is not inside of a (sideways)table, the **table**footnote will not work.

Pages with tables with footnotes, which are rotated with the lscape- or with the pdflscape-package (`\begin{landscape}`, table, `\end{landscape}`), are possible. But when the footmisc-package is used, (pdf)lscape should be loaded before footmisc.

When the footmisc-package is used with option `para`, this is regarded with the exception of a `sidewaystable`. There the footnotes are printed one below the other. (Well, this is better than no footnote in a `sidewaystable` at all, isn't it?)

When the (sideways)table floats, the footnotes are set and (when hyperref is used) hyperlinked, but they are not automatically adapted when the table floats over/under another footnote. Thus either do not use a footnote between original and float position of the (sideways)table, or place the (sideways)table in "here" position. `\clear(double)page`, `h(!)`, `H` from the float package (http://www.ctan.org/pkg/float), or `\FloatBarrier` from the picins package (http://www.ctan.org/pkg/picins) might help, too. (Or after finishing the document, move the (sideways)table in the source code near the position where it floats to or use the optional footnote marks.)

3 Alternatives

- The longtable package provides the `longtable` environment as replacement for the combined `table` and `tabular` environments. Footnotes are real footnotes (not just tablenotes), are continuously numbered and hyperlinked (when using the hyperref package), and the hyperlinks really work. As drawback the appearance of the caption changes slightly (e. g. distance to the table, width of the caption), which can probably be changed back manually. Furthermore, longtables are meaned to break over more than one page. If that is not wished, it must be prevented by `\nopagebreak`-commands and by ending the longtable lines with `\\*` instead of `\\`. longtables do not float. (Therefore using the tablefootnote package and `\FloatBarrier` from the picins package before and after the table environment is similar - but tablefootnote does not change the table-caption!) `sidewaystable` does not work with it.
  http://www.ctan.org/pkg/longtable

- The supertabular package provides the `mpsupertabular` environment as replacement for the combined `table` and `tabular` environments. Footnotes are just tablenotes (with working hyperlinks when using the hyperref package), i. e. numbered a, b, c and placed below the table and not at the end of the page. Therefore there is no float problem (because the tablenotes numbering is not included in the continuous numbering of the footnotes). Placing the `supertabular` inside of a `sidewaystable` breaks the hyperlinks to the tablenotes.
  http://www.ctan.org/pkg/supertabular

- The ctable package has its very own notation for defining tables. It can create tablenotes and sideways-tables. The tablenotes are not automatically hyperlinked. The `ctable`s float. Because the tablenotes numbering is not included in the continuous numbering of the footnotes there is no float problem.
  http://www.ctan.org/pkg/ctable

- The footnote package provides `\makesavenoteenv{table}`. After loading the package and using that command in the preamble, in tables `\footnote{...}` can be used. Using `\makesavenoteenv{tabular}` and `\makesavenoteenv{sidewaystable}` is possible, but it neither solves the float problem, nor do the created hyperlinks work (i. e. they aim at wrong locations). The mdwtab from the same bundle is incompatible with other table-related packages (e. g. supertabular, array) and not 100 % compatible with the `tabular` environment.
  http://www.ctan.org/pkg/footnote
  http://www.ctan.org/pkg/mdwtab

- The tabularx package does produce footnotes for sidewaystables, but uses a, b, c instead of 1, 2, 3. The hyperlinks to the footnotes do not work. Because the footnotes numbering is not included in the continuous numbering of the other footnotes there is no float problem.
  http://www.ctan.org/pkg/tabularx

- Placing a tabular inside a minipage inside a table produces tablenotes. Therefore there is no float problem (because the footnotes are not continuously numbered). The hyperlinks to the table notes indeed work.

- The threeparttable package creates tablenotes again. Therefore there is no float problem (because the tablenotes are not continuously numbered with the footnotes). There are no hyperlinks to the table notes (at least not automatically). Using `sidewaystable` (with table notes) works.
  http://www.ctan.org/pkg/threeparttable

- The threeparttablex package creates tablenotes again. Therefore there is no float problem (because the tablenotes are not continuously numbered with the footnotes). With option `referable` the tablenotes are hyperlinked. Use of a `sidewaystable` (with table notes) did not work for me. When using the `referable` option according to the example in the threeparttablex manual the longtable package is used, therefore that package could be used directly without threeparttablex (see above).
  http://www.ctan.org/pkg/threeparttablex

- One can manually use `\footnotemark` in the table and `\footnotetext{...}` after the table environment ended and manually change the `footnote` and (when the hyperref package is used) `Hfootnote` counters and needs to insert

  ```
  \makeatletter
  \global\let\Hy@saved@currentHref\@currentHref
  \hyper@makecurrent{Hfootnote}%
  \global\let\Hy@footnote@currentHref\@currentHref
  \global\let\@currentHref\Hy@saved@currentHref
  \makeatother
  ```

  before each `\footnotetext{...}`, but with more than very few footnotes this can become much work (and is prone to produce errors). And this does not even work with sidewaystables. (And it does not work with the footnotebackref package without redefining `\footnotemark` and `\footnotetext{...}`.)

(You programmed or found another alternative, which is available at CTAN:?
OK, send an e-mail to me with the name, location at CTAN:, and a short notice, and I will probably include it in the list above.)

4 Example

```
⟨*example⟩
\documentclass[british]{article}[2007/10/19]% v1.4h
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\usepackage{float}[2001/11/08]%    v1.3d
\usepackage{placeins}[2005/04/18]% v2.2  ; for \FloatBarrier
\usepackage{rotating}[2009/03/28]% v2.16a; for sidewaystable-environment
\usepackage[%
 hyperfootnotes=true,%
 extension=pdf,%
 plainpages=false,%
 pdfpagelabels=true,%
 hyperindex=false,%
 pdflang={en},%
 pdftitle={tablefootnote package example},%
 pdfauthor={H.-Martin Muench},%
 pdfsubject={Example for the tablefootnote package},%
 pdfkeywords={LaTeX, tablefootnote, footnote, table, H.-Martin Muench},%
 % pdfview=FitH and FitBH do not work: hyperlinks in sidewaystables
 % do no lead to the footnotes, due to a bug in pdfTeX,
 % computing wrong anchor coordinates (Heiko Oberdiek, 29. October 2011)
 % pdfview=Fit, FitV, FitR, FitB, FitBV work
 % print is OK for all those options
 pdfstartview=FitH,%
 pdfpagelayout=OneColumn%
]{hyperref}[2012/11/06]% v6.83m
 % Due to the urls used in the example, either the hyperref or the url
 % package are needed (or the urls must be removed before compiling).

\usepackage{footnotebackref}[2012/07/01]% v1.0
\usepackage{tablefootnote}[2014/01/26]%   v1.1c

\gdef\unit#1{\mathord{\thinspace\mathrm{#1}}}%
\listfiles
\begin{document}
\pagenumbering{arabic}
\section*{Example for tablefootnote}

This example demonstrates the use of package\newline
\textsf{tablefootnote}, v1.1c as of 2014/01/26 (HMM).\newline
There were no options used. (The package provides no options.)\newline

\textbf{The \texttt{tablefootnote-example.tex} needs to be compiled
at least twice to get the references right!}\newline

If the etoolbox-package is found, it is automatically used.\newline

For more details please see the documentation!\newline

\noindent Save per page about $200\unit{ml}$ water,
$2\unit{g}$ CO$_{2}$ and $2\unit{g}$ wood:\newline
Therefore please print only if this is really necessary.\newline

Here is some text.\footnote{And this is a text footnote.}\newline

Tables \ref{tab.symbol}, \ref{tab.normal}, \ref{tab.another} and
\ref{tab.floatH} show normal tables, table~\ref{tab.sideways} depicts
```

```
a sidewaystable. Table~\ref{tab.floatH} uses the float
specifier~\texttt{H} from the float package.\newline

\texttt{Hyperref} option \verb|pdfview=FitH| and \verb|FitBH| do
not work due to a bug in pdf\TeX{}, computing wrong
anchor coordinates (\textsc{Heiko Oberdiek}, 29.~October 2011).
Depending on used pdf-viewer, hyperlinks in sidewaystables lead
e.\,g.~at the end of the document, not at the footnote.
\verb|pdfview=Fit|, \verb|FitV|, \verb|FitR|, \verb|FitB|,
\verb|FitBV| work, print is OK for all those options.

\bigskip

\listoftables

\pagebreak

\renewcommand{\thefootnote}{\fnsymbol{footnote}}
\verb|\renewcommand{\thefootnote}{\fnsymbol{footnote}}|
causes footnote{-}symbol{-}footnotes, which are possible
(see Table~\ref{tab.symbol}).

\begin{table}
\centering
\begin{tabular}{ccc}
Another\tablefootnote{A table footnote.} & %
text\tablefootnote{Another table footnote.} & %
in a table\tablefootnote{A third table footnote.}
\end{tabular}
\caption[A footnotesymbol table]{%
A table with footnote-symbol-footnotes.\label{tab.symbol}}
\end{table}

Some text.\footnote{A text footnote.}

\renewcommand{\thefootnote}{\arabic{footnote}}
\verb|\renewcommand{\thefootnote}{\arabic{footnote}}|
switches back to normal footnote numbers again.

\pagebreak

\begin{table}
\centering
\begin{tabular}{ccc}
Some\tablefootnote{A table footnote.} & %
text\tablefootnote[99]{A table footnote with custom footnote number.} & %
in a table\tablefootnote{A third table footnote.}
\end{tabular}
\caption[A table]{A normal table.\label{tab.normal}}
\end{table}

Some text.\footnote{Another text footnote.}

\pagebreak

```

```
More text.\footnote{And yet another text footnote.}

\begin{table}[t]
\centering
\begin{tabular}{|c|c|c|}
\hline
Another\tablefootnote{A $3^{rd}$ table footnote.} & %
text\tablefootnote{Another $3^{rd}$ table footnote.} & %
in a table\tablefootnote{A $3^{rd}$ third table footnote.}\\ \hline
\end{tabular}
\caption[Another table]{Another table (third one)\label{tab.another}}
\end{table}

Please note that Table~\ref{tab.another} floated to the top of the page.
While the footnotes are set and (when hyperref is used) hyperlinked,
they are not automatically adapted. Thus either do not use a footnote
at the same page before the table, or place the table in
\textquotedblleft here\textquotedblright\ or
\textquotedblleft bottom\textquotedblright\ position.
\verb|\clear(double)page|, \verb|h(!)|, \verb|H|~from the
\texttt{float} package, or \verb|\FloatBarrier| from the
\texttt{picins} package might help, too. (Or move the table in the
source code near the position where it floats to
or use the optional footnote marks.)

Table~\ref{tab.floatH} (page~\pageref{tab.floatH}) uses float specifier
\texttt{H} from the float package and does not float.

Some text.\footnote{This is just another text footnote.}

\pagebreak

\FloatBarrier

\begin{sidewaystable}
\centering%
\begin{tabular}{ccc}
Text\tablefootnote{Please rotate the view for testing the %
hyperlinks.} & %
in a\tablefootnote[98]{Another sidewaystable footnote %
with optional footnote mark.} & %
sidewaystable%
\tablefootnote{Sidewaystable-environment provided by %
\url{http://www.ctan.org/pkg/rotating} package.}
\end{tabular}
\caption[A sideways table]{A table in the \texttt{sideways} %
environment\label{tab.sideways}}%
\end{sidewaystable}%

\FloatBarrier

\pagebreak

```

```
A last table, here with float specifier \texttt{H} from the
float\footnote{\url{http://www.ctan.org/pkg/float}} package.

\begin{table}[H]
\centering
\begin{tabular}{ccc}
Another\tablefootnote{A $5^{th}$ table footnote.} & %
text\tablefootnote{Another $5^{th}$ table footnote.} & %
in a table\tablefootnote{A $5^{th}$ third table footnote.}
\end{tabular}
\caption[A last table]{A very last table\label{tab.floatH}}
\end{table}

Some text.\footnote{This is just another text footnote.}

\pagebreak

End of the example for the
tablefootnote\footnote{\url{http://www.ctan.org/pkg/tablefootnote}}
package.

\end{document}
```
⟨/example⟩

5 The implementation

We start off by checking that we are loading into LaTeX 2_ε and announcing the name and version of this package.

188 ⟨*package⟩

```
189 \NeedsTeXFormat{LaTeX2e}[2011/06/27]
190 \ProvidesPackage{tablefootnote}[2014/01/26 v1.1c
191               Table foot notes (HMM)]
```

A short description of the tablefootnote package:

```
192 %% Provides the \tablefootnote[...]{...} command
193 %% for footnotes in (sideways)tables.
194
```

We need the ltxcmds and letltxmacro packages by Heiko Oberdiek:

```
195 \RequirePackage{ltxcmds}[2011/11/09]%     v1.22
196 \RequirePackage{letltxmacro}[2010/09/02]% v1.4
197 \RequirePackage{xifthen}[2009/04/17]%     v1.3
```

A last information for the user:

```
198 %% tablefootnote may work with earlier versions of LaTeX and those
199 %% packages, but this was not tested. Please consider updating
200 %% your LaTeX and packages to the most recent version
201 %% (if they are not already the most recent version).
202
```

See subsection 6.1 about how to get them.

When the rotating package (for `sidewaystables`) is used, it must be loaded before the tablefootnote package and it must be a recent version:

```
203 \@ifpackageloaded{rotating}{%
204   \gdef\tfn@rotating{1}
205   \@ifpackagelater{rotating}{2009/03/28}% v2.16a
206    {% >= 2009/03/28, OK
207    }{% else
208      \PackageWarningNoLine{tablefootnote}{%
209        It is required version\MessageBreak%
210        2009/03/28 v2.16a (or later) of package rotating,\MessageBreak%
211        but only version\MessageBreak%
212       `\csname ver@rotating.sty\endcsname'\MessageBreak%
213       is available}%
214   }%
215 }{% else
216   \gdef\tfn@rotating{0}%
217 }
218
```

There are no options to be processed.

We need some definitions:

```
219 \def\tfn@footnotetablecount{0}
220 \def\tfn@footnotetableprint{0}
221 \def\tfn@footnotezero{0}
222 \def\tfn@fnt{0}
223 \def\tfn@swt{0}%       _s_ide_w_ays_t_able
224 \def\tfn@fmpw{\relax}% f_oot_m_isc_p_ara_w_arn-switch
225 \def\tfn@fnbr{0}%      f_oot_n_ote_b_ack_r_ef(erence package)
226
```

`\tfn@hyperfootnotes` We need a wrapper for the used `\ifHy@hyperfootnotes`, which is not defined when the hyperref package has not been loaded:

```
\DeclareRobustCommand{\tfn@hyperfootnotes}[2]{%
  \ifHy@hyperfootnotes%
    #1%
  \else%
    #2%
  \fi%
  }

```

`\tablemakefntext` `\tablemakefntext` makes the footnotetext for a footnote in a table.

```
\ltx@ifpackageloaded{footnotebackref}{%
  \gdef\tfn@fnbr{1}%
  \ifx\FootnoteBackref@symbol\empty%
    \ifFootnoteBackref@numberlinked%
      \newcommand\tablemakefntext[1]{%
        \noindent\makebox[1.634em][r]{%
         \mbox{\textsuperscript{\normalfont%
           \hyperlink{tfn:m\theHfootnote}{\@thefnmark}%
        }}}%
        \ #1%
      }
    \else
      \newcommand\tablemakefntext[1]{%
        \noindent\makebox[1.8em][r]{%
          \mbox{\textsuperscript{\normalfont%
            \@thefnmark%
        }}}%
        #1%
      }
    \fi
  \else
    \newcommand\tablemakefntext[1]{%
      \noindent\makebox[1.8em][r]{%
        \mbox{\textsuperscript{\normalfont%
          \ifFootnoteBackref@numberlinked%
            \hyperlink{tfn:m\theHfootnote}{\@thefnmark}\ %
          \else%
            \@thefnmark%
          \fi%
      }}}%
      \hyperlink{tfn:m\theHfootnote}{\FootnoteBackref@symbol}%
      #1%
    }
  \fi
}{%
  \newcommand\tablemakefntext[1]{%
    \noindent\makebox[1.8em][r]{%
      \mbox{\textsuperscript{\normalfont%
        \@thefnmark%
    }}}%
    #1%
  }
}

```

\swtablemakefntext

```
\newcommand\swtablemakefntext[1]{\noindent\ #1}
```

\tfn@footnotemarks

\tfn@footnotemarks uses the \footnotemark command to place a foot note mark and decreases the \tfn@footnotetablecount (i. e. increases the negative value) of the number of footnote(marks) in the table. If the footnotebackref package is used, it is also necessary to create an according \hypertarget for the back reference.

```
\newcommand{\tfn@footnotemarks}[1][]{%
  \hbox{%
    \ifthenelse{\isempty{#1}}%
      {\footnotemark%
       \ltx@ifpackageloaded{footnotebackref}%
         {\raisebox{\ht\strutbox}{\hypertarget{tfn:m\theHfootnote}{}}}%
         {% footnotebackref not loaded
         }%
      }%
      {\ltx@ifpackageloaded{hyperref}%
        {\tfn@hyperfootnotes{%
            \hyperlink{tfn:#1}{\footnotemark[#1]}%
          }{\footnotemark[#1]}}%
        {\footnotemark[#1]}%
       \ltx@ifpackageloaded{footnotebackref}%
        {\raisebox{\ht\strutbox}{\hypertarget{tfn:m#1}{}}}{}%
      }%
   }%
  \@tempcnta=\tfn@footnotetablecount\relax%
  \advance\@tempcnta by -1\relax%
  \xdef\tfn@footnotetablecount{\the\@tempcnta}%
}
```

\tfn@footmiscparawarn

When the footmisc package is used with option para, we need to issue a warning. (Any idea how to resolve this issue?)
It must be given inside of it's own command, because \ifFN@para is not defined when footmisc has not been loaded, and then the \fi would be a \fi without \if (and TEX does not like single \fis).

```
\newcommand{\tfn@footmiscparawarn}{%
  \ifFN@para%
    \PackageWarning{tablefootnote}{%
      Package footmisc with option para used.\MessageBreak%
      Unfortunately package tablefootnote is not yet\MessageBreak%
      able to regard this in sidewaystables.\MessageBreak%
      Here the footnotes are printed one below\MessageBreak%
      the other. Sorry!\MessageBreak%
     }%
  \fi%
  }
```

\tfn@updateHyper

\tfn@updateHyper updates some hyperref internals.

```
\newcommand{\tfn@updateHyper}{%
  % The code of this command is partly from the
  % hyperref package by Heiko Oberdiek, 2011/10/01, v6.82j.
  % Newer versions of that package are available at CTAN.org.
  \global\let\Hy@saved@currentHref\@currentHref%
  \tfn@hyperfootnotes{\hyper@makecurrent{Hfootnote}}{}%
```

```
  \global\let\Hy@footnote@currentHref\@currentHref%
  \global\let\@currentHref\Hy@saved@currentHref%
  }
```

`\tfn@footnotetext` `\tfn@footnotetext` contains the `\footnotetext[...]{...}` command and handles the numbering. `\tfn@footnotetext` will be executed after the table. The foot note counter has been increased automatically with each `\footnotemark`, therefore it must be reset to its value before the table began.

```
\newcommand{\tfn@footnotetext}[2][]{%
  \ifx\tfn@footnotetableprint\tfn@footnotezero%
    % This is the first footnotetext after the (sideways)table.
    \addtocounter{footnote}{\tfn@footnotetablecount}%
```

When the hyperref package is used, also its `Hfootnote` counter must be reset (when the footnotes are hyperlinked).

```
    \ltx@ifpackageloaded{hyperref}{%
      \tfn@hyperfootnotes{%
        \addtocounter{Hfootnote}{\tfn@footnotetablecount}}{}%
      \tfn@updateHyper%
     }{}%
  \fi%
```

For issuing the text for the next footnote the footnote-counter (and `Hfootnote` counter in case of links) are increased by one.

```
  \addtocounter{footnote}{+1}%
  \ltx@ifpackageloaded{hyperref}{%
    \tfn@hyperfootnotes{\addtocounter{Hfootnote}{+1}}{}%
```

The hyperref package was not expecting this kind of change of the `(H)footnote` numbers, therefore some code-lines are missing here which can be found at other places in that same package and are called by this command.

```
    \tfn@updateHyper%
```

When hyperref is not loaded, nothing is to be done here.

```
   }{}%
```

The `\footnotetext[...]{...}` places the foot note text as usual.

```
  \ifx\tfn@swt\tfn@footnotezero%
    \ifthenelse{\isempty{#1}}%
      {\footnotetext{#2}}%
      {\ltx@ifpackageloaded{hyperref}%
         {\tfn@hyperfootnotes{%
             \footnotetext[#1]{%
               \raisebox{\ht\strutbox}{\hypertarget{tfn:#1}{}}#2}%
           }{\footnotetext[#1]{#2}%
           }%
         }{\footnotetext[#1]{#2}}%
      }%
  \else%
```

If there is more than one tablefootnote in the `sidewaystable`, the `\tfn@footmiscparawarn` shall be given,

```
    \ifx\tfn@footnotetableprint\tfn@footnotezero%
      \gdef\tfn@fmpw{\tfn@footmiscparawarn}%
    \else%
      \ltx@ifpackageloaded{footmisc}{\tfn@fmpw}{\relax}%
```

but we do not want to repeat the message for a third(, forth,...) tablefootnote in the `sidewaystable`.

```
      \gdef\tfn@fmpw{\relax}%
    \fi%
```

`\@makefnmark` is
`\hbox {\@textsuperscript {\normalfont \@thefnmark }}`,
but according to `\show\@thefnmark` here `\@thefnmark` is `{\protect \itshape}` instead of `\thefootnote` (Why?!).
If the footnotebackref package is used, back references must be created for the table footnotes, too.

```
    \ltx@ifpackageloaded{footnotebackref}{%
      \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
      \LetLtxMacro{\@makefntext}{\swtablemakefntext}%
      \ifthenelse{\isempty{#1}}%
        {\footnotetext{%
           \raisebox{\ht\strutbox}{\hypertarget{tfn:\theHfootnote}{}}%
           \hbox{\@textsuperscript{\normalfont%
              \hyperlink{tfn:m\theHfootnote}{\thefootnote}}}\thinspace%
         \ifx\FootnoteBackref@symbol\empty%
         \else\hyperlink{tfn:m\theHfootnote}{\FootnoteBackref@symbol}%
         \fi%
         #2}%
       }{\edef\tfn@tfn{\arabic{footnote}}%
         \edef\tfn@thn{\arabic{Hfootnote}}%
         \setcounter{footnote}{#1}%
         \setcounter{Hfootnote}{#1}%
         \tfn@updateHyper%
         \footnotetext{%
           \raisebox{\ht\strutbox}{\hypertarget{tfn:#1}{}}%
           \hbox{\@textsuperscript{\normalfont%
                  \hyperlink{tfn:m#1}{#1}}}%
           \thinspace%
           \ifx\FootnoteBackref@symbol\empty%
           \else%
             \raisebox{\ht\strutbox}{%
               \hyperlink{tfn:m#1}{\FootnoteBackref@symbol}}%
           \fi%
           #2%
          }%
         \setcounter{footnote}{\tfn@tfn}%
         \setcounter{Hfootnote}{\tfn@thn}%
         \tfn@updateHyper%
       }%
      \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
     }{% footnotebackref not loaded
       \ifthenelse{\isempty{#1}}%
         {\footnotetext{%
            \hbox{\@textsuperscript{\normalfont\thefootnote}}%
            \ltx@ifpackageloaded{hyperref}%
              {\tfn@hyperfootnotes{%
                 \raisebox{\ht\strutbox}{%
                   \hypertarget{tfn:\theHfootnote}{}}}{}%
              }{}%
            \thinspace%
            #2}%
         }{%
```

```
          \edef\tfn@tfn{\arabic{footnote}}%
          \ltx@ifpackageloaded{hyperref}{%
            \tfn@hyperfootnotes{\xdef\tfn@thn{\arabic{Hfootnote}}}{}%
           }{}%
          \setcounter{footnote}{#1}
          \ltx@ifpackageloaded{hyperref}{%
            \tfn@hyperfootnotes{\setcounter{Hfootnote}{#1}}{}%
            \tfn@updateHyper%
           }{}%
          \footnotetext{%
            \hbox{\@textsuperscript{\normalfont #1}}%
            \ltx@ifpackageloaded{hyperref}{%
              \tfn@hyperfootnotes{\raisebox{\ht\strutbox}{%
                                          \hypertarget{tfn:#1}{}}}{}%
             }{}%
            \thinspace%
            #2}%
          \setcounter{footnote}{\tfn@tfn}%
          \ltx@ifpackageloaded{hyperref}{%
            \tfn@hyperfootnotes{\setcounter{Hfootnote}{\tfn@thn}}{}%
            \tfn@updateHyper%
           }{}%
        }%
    }%
  \fi%
```

For further footnotes in the table the `\ifx\tfn@footnotetableprint\tfn@footnotezero...\fi` from the beginning of this `\tfn@footnotetext` macro must not be repeated, therefore we deactivate this by defining `\tfn@footnotetableprint` to something other than `0` (here `1` is used).

```
  \gdef\tfn@footnotetableprint{1}%
```

`\tfn@footnotetablecount` contains the negative number of footnote texts to be printed, therefore it is increase by one (i. e. the negative number decreases, i. e. -3 becomes -2).

```
  \@tempcnta=\tfn@footnotetablecount\relax%
  \advance\@tempcnta by +1\relax%
  \xdef\tfn@footnotetablecount{\the\@tempcnta}%
```

When it is zero, all footnote texts have been placed, and `\tfn@footnotetableprint` can be reset to zero and `\tfn@tablefootnoteprintout` can be cleared.

```
  \ifx\tfn@footnotetablecount\tfn@footnotezero% all footnotes placed
    \gdef\tfn@footnotetableprint{0}%
    \global\let\tfn@tablefootnoteprintout\relax% brute force
 %\else there is at least one \footnotemark which needs \footnotetext
  \fi
}

```

`\tfn@tablefootnoteprintout` When something shall be cleared or redefined, it is a good idea to define it. It will be later filled with the foot note text to be printed.

```
\newcommand{\tfn@tablefootnoteprintout}{\relax}

```

\tablefootnote `\tablefootnote[...]{...}` is the command to be used by the user instead of `\footnote[...]{...}` in the (sideways)table. It places a foot note mark via `\tfn@footnotemarks` and appends a `\tfn@footnotetext{#1}` to the `\tfn@tablefootnoteprintout` macro, and remembers that table foot notes have been used.

```
\newcommand{\tablefootnote}[2][]{%
  \tfn@footnotemarks[#1]%
  \ifthenelse{\isempty{#1}}{\relax}{%
    \ltx@GlobalPrependToMacro{\tfn@tablefootnoteprintout}{%
      \addtocounter{footnote}{+1}%
      \ltx@ifpackageloaded{hyperref}{%
        \tfn@hyperfootnotes{\addtocounter{Hfootnote}{+1}}{}%
        \tfn@updateHyper%
       }{}%
     }%
   }%
  \ltx@GlobalAppendToMacro{\tfn@tablefootnoteprintout}{%
    \tfn@footnotetext[#1]{#2}%
    \ifthenelse{\isempty{#1}}{\relax}{%
      \addtocounter{footnote}{-1}%
      \ltx@ifpackageloaded{hyperref}{%
        \tfn@hyperfootnotes{\addtocounter{Hfootnote}{-1}}{}%
        \tfn@updateHyper%
       }{}%
     }%
   }%
  \gdef\tfn@fnt{1}%
  }

```

\tfn@swtbox For `sidewaystable`s the `\tfn@tablefootnoteprintout` is placed in a `\parbox`, which can be placed at the end of the `sidewaystable`:

```
\newcommand{\tfn@swtbox}{%
\ifvoid \footins%
\vskip 2\baselineskip%
\else%
\vskip \skip\footins%
\fi%
\parbox[b][][t]{\linewidth}{\raggedright\tfn@tablefootnoteprintout}%
}

```

`\tfn@tablefootnoteprintout` shall be executed after the end of the table environment. The etoolbox package provides very easy syntax for this:

```
\IfFileExists{etoolbox.sty}{%
  \RequirePackage{etoolbox}[2011/01/03]%   v2.1
  \AfterEndEnvironment{table}{%
    \ltx@ifpackageloaded{footnotebackref}{%
      \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
      \LetLtxMacro{\@makefntext}{\tablemakefntext}%
       \tfn@tablefootnoteprintout%
      \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
     }{% footnotebackref not loaded
      \tfn@tablefootnoteprintout%
     }%
      \gdef\tfn@fnt{0}%
   }%
```

When the rotating package has been loaded, we need to detect whether the `\tablefootnote` is placed inside of a `sidewaystable`.

```
\ltx@ifpackageloaded{rotating}{%
  \AtBeginEnvironment{sidewaystable}{%
    \gdef\tfn@swt{1}%
  }
```

At the end of `sidewaystable` environments `\tfn@swtbox` shall be placed (if there was any `\tablefootnote` in that `sidewaystable` at all). And `\tfn@swt` as well as `\tfn@fnt` must be reset to `0`.

```
  \AtEndEnvironment{sidewaystable}{%
    \ifx\tfn@fnt\tfn@footnotezero% \relax
    \else%
      \ltx@ifpackageloaded{footnotebackref}{%
        \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
        \LetLtxMacro{\@makefntext}{\tablemakefntext}%
         \tfn@swtbox%
        \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
       }{% footnotebackref not loaded
        \tfn@swtbox%
        }%
    \fi%
    \gdef\tfn@swt{0}%
    \gdef\tfn@fnt{0}%
   }%
 }{}% else \relax
}{%
```

When the etoolbox package is not available (e. g. because of missing ε-TEX) we do a workaround:

```
\PackageWarning{tablefootnote}{%
  Package etoolbox not available, therefore\MessageBreak%
  substituting commands \string\AtEndEnvironment\space %
  and\MessageBreak%
  \string\AfterEndEnvironment\space for tablefootnotes%
  \MessageBreak%
 }%
\@ifpackagelater{letltxmacro}{2010/09/02}%
 {% >= 2010/09/02, OK
  \GlobalLetLtxMacro{\tfnorigtable}{\table}
  \GlobalLetLtxMacro{\tfnendorigtable}{\endtable}
```

`\GlobalLetLtxMacro` was introduced in version 2010/09/02 v1.4 of the letltxmacro package.

```
 }{% else
   \PackageError{tablefootnote}{%
     Outdated version of letltxmacro package used%
    }{Version 2010/09/02 v1.4 or newer needed but not found!%
      \MessageBreak%
      Update the used letltxmacro package.}
      \LetLtxMacro{\tfnorigtable}{\table}
      \LetLtxMacro{\tfnendorigtable}{\endtable}
 }%
```

```
\ltx@ifpackageloaded{float}{%
  \@ifpackagelater{float}{2001/11/08}%   v1.3d
   {% >= 2001/11/08, OK
   }{% else
     \PackageWarningNoLine{tablefootnote}{%
       It is required version\MessageBreak
       2001/11/08 v1.3d (or later) of package float,\MessageBreak
       but only version\MessageBreak
      `\csname ver@float.sty\endcsname'\MessageBreak
      is available}%
   }%
 }{\relax}
\renewenvironment{table}{%
  \ltx@ifpackageloaded{float}{%
```

When etoolbox.sty was not found, and the float package has been loaded, and the float specifier is `H`, then `\endtable` was let to `\float@endH` by the float package (line 79 of float.sty, 2001/11/08 v1.3d: `\expandafter\let\csname end#1\endcsname\float@endH`), i. e. appending `\tfn@tablefootnoteprintout \gdef\tfn@fnt{0}` to `\endtable` is useless. Instead of this, it must be appended to `\float@endH`.
(Why is this not necessary when etoolbox is used? That is a good question, answers are welcome.)

```
    \ltx@LocalAppendToMacro{\float@endH}{%
      \ltx@ifpackageloaded{footnotebackref}{%
        \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
        \LetLtxMacro{\@makefntext}{\tablemakefntext}%
         \tfn@tablefootnoteprintout%
        \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
       }{% footnotebackref not loaded
        \tfn@tablefootnoteprintout%
       }%
        \gdef\tfn@fnt{0}%
     }%
   }{\relax}
  \tfnorigtable%
 }{%
   \tfnendorigtable%
   \ltx@ifpackageloaded{footnotebackref}{%
     \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
     \LetLtxMacro{\@makefntext}{\tablemakefntext}%
      \tfn@tablefootnoteprintout%
     \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
    }{% footnotebackref not loaded
     \tfn@tablefootnoteprintout%
    }%
   \gdef\tfn@fnt{0}%
  }%
```

The `sidewaystable`-environment must be treated separately:

```
\ltx@ifpackageloaded{rotating}{%
  \let\tfnorigsidewaystable\sidewaystable
  \let\tfnendorigsidewaystable\endsidewaystable
  \renewenvironment{sidewaystable}{%
    \gdef\tfn@swt{1}%
    \tfnorigsidewaystable%
  }{%
    \ifx\tfn@fnt\tfn@footnotezero% \relax
    \else%
      \ltx@ifpackageloaded{footnotebackref}{%
        \LetLtxMacro{\tfncurrentmft}{\@makefntext}%
        \LetLtxMacro{\@makefntext}{\tablemakefntext}%
         \tfn@swtbox%
        \LetLtxMacro{\@makefntext}{\tfncurrentmft}%
       }{% footnotebackref not loaded
        \tfn@swtbox%
       }%
    \fi%
    \gdef\tfn@swt{0}%
    \gdef\tfn@fnt{0}%
    \tfnendorigsidewaystable%
   }%
 }{}%
}

```

`\AtBeginDocument`

When the rotating (for `sidewaystable`s) or the footnotebackref (for back references for the footnotes) package is used, it must be loaded before the tablefootnote package. Using both packages is also possible, in which case both must be loaded before the tablefootnote package. If any one of those packages is loaded `\AtBeginDocument` after this check, the according error message will not be given, but packages really should be loaded before `\AtBeginDocument`.

```
\AtBeginDocument{%
  \ltx@ifpackageloaded{footnotebackref}{%
    \ifx\tfn@fnbr\tfn@footnotezero%
      \PackageError{tablefootnote}{%
        Package footnotebackref loaded after tablefootnote}{%
        When using both the footnotebackref and the tablefootnote %
        package,\MessageBreak%
        the footnotebackref package MUST be loaded before the %
        tablefootnote package!\MessageBreak%
       }%
    \fi%
   }{% else \relax
   }
  \ltx@ifpackageloaded{rotating}{%
    \ifx\tfn@rotating\tfn@footnotezero%
      \PackageError{tablefootnote}{%
        Package rotating loaded after tablefootnote}{%
        When using both the rotating and the tablefootnote package,%
        \MessageBreak%
        the rotating package MUST be loaded before the tablefootnote%
        \space package!\MessageBreak%
       }%
    \fi%
   }{% else \relax
   }
```

When the document is compiled with LuaLaTeX, hyperlinks in rotated content will be misplaced, regardless of the use of the tablefootnote package (or of tables or footnotes). The text to be printed will be OK. This problem of LuaLaTeX (not tablefootnote) was found and reported by Arno Trautmann, 2011/11/15 – thanks!

```
\ltx@ifpackageloaded{hyperref}{%
  \tfn@hyperfootnotes{
    \ifluatex%
      \PackageWarningNoLine{tablefootnote}{%
        LuaTeX and hyperref package used:\MessageBreak%
        Hyperreferences in rotated content\MessageBreak%
        will be misplaced\MessageBreak%
        regardless of tablefootnote package.\MessageBreak%
        The text to be printed will be OK%
       }%
    \fi%
   }{% else \relax
   }%
 }{% else \relax
 }%
```

When the footnotebackref package is used but the footnotes are not hyperlinked, neither the back references nor the tablefootnotes will work.

```
\ltx@ifpackageloaded{footnotebackref}{%
   \ltx@ifpackageloaded{hyperref}{%
      \tfn@hyperfootnotes{\relax}{% else
        \PackageError{tablefootnote}{%
           footnotebackref but not hyperfootnotes}{%
           The footnotebackref package is used\MessageBreak%
           but the hyperfootnotes option of the hyperref package%
           \MessageBreak%
           was set to false.\MessageBreak%
           Either enable hyperfootnotes or do not use footnotebackref.%
           \MessageBreak%
           Loading of the tablefootnote package will be aborted.%
         }%
        \endinput%
    }%
   }{\PackageError{tablefootnote}{footnotebackref but not hyperref}{%
       The footnotebackref package is used\MessageBreak%
       but not the hyperref package.\MessageBreak%
       Either load hyperref or do not use footnotebackref.%
       \MessageBreak%
       Loading of the tablefootnote package will be aborted.%
       }%
     \endinput%
   }%
  }{}
}

```

⟨/package⟩

6 Installation

6.1 Downloads

Everything is available on CTAN:, http://www.ctan.org/, but may need additional packages themselves.

tablefootnote.dtx

For unpacking the tablefootnote.dtx file and constructing the documentation it is required:

- TEX Format LATEX 2ε: http://www.CTAN.org/
- document class ltxdoc, 2007/11/11, v2.0u, http://www.ctan.org/pkg/ltxdoc
- package holtxdoc, 2012/03/21, v0.24, http://www.ctan.org/pkg/holtxdoc
- package hypdoc, 2011/08/19, v1.11, http://www.ctan.org/pkg/hypdoc

tablefootnote.sty

The tablefootnote.sty for LATEX 2ε (i. e. each document using the tablefootnote package) requires:

- TEX Format LATEX 2ε, http://www.CTAN.org/
- package letltxmacro, 2010/09/02, v1.4, http://www.ctan.org/pkg/letltxmacro.
- package ltxcmds, 2011/11/09, v1.22, http://www.ctan.org/pkg/ltxcmds

When the hyperref package is used, also the ifluatex package is needed, but it is already loaded automatically by the hyperref package.
When the etoolbox package is available, it is used:

- package etoolbox, 2011/01/03, v2.1, http://www.ctan.org/pkg/etoolbox.

tablefootnote-example.tex

The tablefootnote-example.tex requires the same files as all documents using the tablefootnote package and additionally:

- class article, 2007/10/19, v1.4h, from classes.dtx:
  CTAN:macros/latex/base/classes.dtx
- package rotating, 2009/03/28, v2.16a, http://www.ctan.org/pkg/rotating
- package float, 2001/11/08, v1.3d, http://www.ctan.org/pkg/float
- package placeins, 2005/04/18, v2.2, http://www.ctan.org/pkg/placeins
  for \FloatBarrier
- package hyperref, 2012/11/06, v6.83m, http://www.ctan.org/pkg/hyperref
- package tablefootnote, 2014/01/26, v1.1c,
  http://www.ctan.org/pkg/tablefootnote
  (Well, it is the example file for this package, and because you are reading the documentation for the tablefootnote package, it can be assumed that you already have some version of it – is it the current one?)

Oberdiek
holtxdoc
ifluatex
letltxmacro
ltxcmds

All packages of Heiko Oberdiek's bundle 'oberdiek' (especially holtxdoc, ifluatex, letltxmacro, and ltxcmds) are also available in a TDS compliant ZIP archive: CTAN:install/macros/latex/contrib/oberdiek.tds.zip.
It is probably best to download and use this, because the packages in there are quite probably both recent and compatible among themselves.

hyperref

hyperref is not included in that bundle and needs to be downloaded separately, http://www.ctan.org/install/macros/latex/contrib/hyperref.tds.zip.

Münch

A hyperlinked list of my (other) packages can be found at http://www.ctan.org/author/muench-hm.

6.2 Package, unpacking TDS

Package. This package is available on CTAN:

CTAN:macros/latex/contrib/tablefootnote/tablefootnote.dtx
: The source file.

CTAN:macros/latex/contrib/tablefootnote/tablefootnote.pdf
: The documentation.

CTAN:macros/latex/contrib/tablefootnote/tablefootnote-example.pdf
: The compiled example file, as it should look like.

CTAN:macros/latex/contrib/tablefootnote/README
: The README file.

There is also a tablefootnote.tds.zip available:

CTAN:install/macros/latex/contrib/tablefootnote.tds.zip
: Everything in TDS compliant, compiled format.

which additionally contains

tablefootnote.ins	The installation file.
tablefootnote.drv	The driver to generate the documentation.
tablefootnote.sty	The .style file.
tablefootnote-example.tex	The example file.

For required other packages, please see the preceding subsection.

Unpacking. The .dtx file is a self-extracting docstrip archive. The files are extracted by running the .dtx through plain TEX:

```
tex tablefootnote.dtx
```

About generating the documentation see paragraph 6.4 below.

TDS. Now the different files must be moved into the different directories in your installation TDS tree (also known as texmf tree):

```
tablefootnote.sty         → tex/latex/tablefootnote/tablefootnote.sty
tablefootnote.pdf         → doc/latex/tablefootnote/tablefootnote.pdf
tablefootnote-example.tex → doc/latex/tablefootnote/tablefootnote-example.tex
tablefootnote-example.pdf → doc/latex/tablefootnote/tablefootnote-example.pdf
tablefootnote.dtx         → source/latex/tablefootnote/tablefootnote.dtx
```

If you have a docstrip.cfg that configures and enables docstrip's TDS installing feature, then some files can already be in the right place, see the documentation of docstrip.

6.3 Refresh file name databases

If your TEX distribution (TEXlive, mikTEX, ...) relies on file name databases, you must refresh these. For example, teTEX users run `texhash` or `mktexlsr`.

6.4 Some details for the interested

Unpacking with LATEX. The `.dtx` chooses its action depending on the format:

plain TEX: Run docstrip and extract the files.

LATEX: Generate the documentation.

If you insist on using LATEX for docstrip (really, docstrip does not need LATEX), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{tablefootnote.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

Generating the documentation. You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by a configuration file `ltxdoc.cfg`. For instance, put the following line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with pdfLATEX:

```
pdflatex tablefootnote.dtx
makeindex -s gind.ist tablefootnote.idx
pdflatex tablefootnote.dtx
makeindex -s gind.ist tablefootnote.idx
pdflatex tablefootnote.dtx
```

6.5 Compiling the example

The example file, tablefootnote-example.tex, can be compiled via
`latex tablefootnote-example.tex`,
`lualatex tablefootnote-example.tex`,
or (recommended)
`pdflatex thumbs-example.tex`
and will need at least two compiler runs to get everything right.

7 Acknowledgements

I would like to thank Heiko Oberdiek for providing the hyperref, ifluatex, letltxmacro, ltxcmds, as well as a lot (!) of other useful packages (from which I also got everything I know about creating a file in `.dtx` format, OK, say it: copying), and for information about the pdfTEX-bug, Arno Trautmann for reporting the bug of misplaced hyperreferences in `sidewaystables` using LuaTEX, independently of the tablefootnote package or footnotes at all, Thomas V. for reporting the bug of not handling the case of hyperref option `hyperfootnotes=false`, Sverre Stausland Johnsen for reporting the bug in case of *not* using hyperref, and the news:comp.text.tex and news:de.comp.text.tex newsgroups as well as everybody at http://tex.stackexchange.com for their help in all things TEX.

8 History

[2011/10/26 v1.0a, tabfootn]

- Upload to CTAN:macros/latex/contrib/tablefootnote/.

[2011/10/29 v1.0b]

- Renamed to tablefootnote.
- Added support for the `sidewaystable`-environment of the rotating package.
- Diverse changes in documentation and README.

[2011/11/06 v1.0c]

- Replaced `^{\text{\thefootnote}}` by `{}^{\text{\textup{\thefootnote}}}`.
- Bug fix: When etoolbox.sty was not found, and the float package had been loaded, and the float specifier was `H`, then the `\tablefootnote`s were not printed for that table. Fixed.

[2011/11/19 v1.0d]

- Replaced `{}^{\text{\textup{\thefootnote}}}` by `\textsuperscript{\thefootnote}`, therefore the amstext package is no longer required by the tablefootnote package.
- lscape and pdflscape package now work with tablefootnote (except for using a `sidewaystable` on a `landscape` page).
- Added information about footnotes in `sidewaystable` being printed one below the other, even if footmisc package with option `para` is used.
- Redefined `\tfn@swtbox` from

```
\vspace{0.8cm}%
\begin{spacing}{0.1}%
\subcaptionbox*{}[\linewidth][l]{\tfn@tablefootnoteprintout}%
\end{spacing}%
```

  to

```
\vspace{2\baselineskip}%
\parbox[b][][t]{\linewidth}{\raggedright\tfn@tablefootnoteprintout}%
```

  , therefore the setspace and subcaption packages are no longer required by the tablefootnote package.
- No longer uses `\numexpr`, therefore also usable without ε-TEX.
- Replaced `\textsuperscript{\thefootnote}` by `\hbox {\@textsuperscript {\normalfont \thefootnote }}`, which is next to the original definition of `\@makefnmark` (`\hbox {\@textsuperscript {\normalfont \@thefnmark }}`, but according to `\show\@thefnmark` here `\@thefnmark` is `{\protect \itshape}` instead of `\thefootnote`).

- Added an error message, when LuaTeX, rotating package, and hyperref package are used together. Hyperreferences in `sidewaystable`s are misplaced, independently of the tablefootnote package or footnotes at all. (Bug reported by Arno Trautmann, 2011/11/15 – thanks!)
- Added footnotesymbol-footnote-numbers in the example.

[2011/11/26 v1.0e]

- Check for hyperref is only done once.
- Message regarding the misplacement of hyperlinks by LuaLaTeX changed form error to warning.
- Replaced `\vspace{2\baselineskip}` by

```
\ifvoid \footins%
\vskip 2\baselineskip%
\else%
\vskip \skip\footins%
\fi%
```

  between the `sidewaystable`s and their footnotes.
- The warning about un-regarded `para`-option of footmoisc package is only given at the second `tablefootnote` in a `sidewaystable`, not repeatedly for every `tablefootnote` in a `sidewaystable`.

[2012/01/01 v1.0f]

- Bugfix: Wrong installation path given in the documentation, fixed.
- Update of documentation, README, and `dtx` internals.

[2012/01/14 v1.0g]

- Bugfix: There was a `relax` instead of a `\relax`, fixed.

[2012/07/29 v1.0h]

- tablefootnote is now compatible to the new footnotebackref package, 2012/07/01, v1.0, http://www.ctan.org/pkg/footnotebackref.

[2014/01/08 v1.1a]

- Tablefootnotes now regard optional footnote marks: `\tablefootnote[` custom mark here! `]{...}`
- Bug fix: the case of hyperref option `hyperfootnotes=false` was not handeled at all. (Bug reported by Thomas V., 2014/01/02 – thanks!)
- A lot of details.

[2014/01/20 v1.1b]

- Bug fix: Package was broken when hyperref was *not* used. (Bug reported by Sverre Stausland Johnsen – thanks!)

[2014/01/26 v1.1c]

- The emergency bug fix of version 2014/01/20 v1.1b was replaced by using the new robust macro `\tfn@hyperfootnotes`, which only *internally* uses `\ifHy@hyperfootnotes`. If the hyperref package is not used, LaTeX now does not see any confusing `\ifHy@hyperfootnotes`...`\else`...`\fi` at all.
- URLs and README updated.

When you find a mistake or have a suggestion for an improvement of this package, please send an e-mail to the maintainer, thanks! (Please see BUG REPORTS in the README.)

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