Marking Proof-sheets in Publishing Practice and
Its Implementation in the \TeX\ System
Označování korekturních obtahů v nakladatelské
praxi a jeho implementace v systému \TeX

Abstract: This paper deals with ways of marking proof-sheets in publishing
practice. Four possible solutions are shown and discussed. Three of them are
based on existing macros (page style \texttt{\headings}), or packages (\texttt{fancyhdr.sty},
\texttt{zwpagelayout.sty}), the fourth one is original and specific, and contains new
style for \LaTeX{} – \texttt{thproof.sty}.

Keywords: proof-sheets, proof-reading, publishing practice, \LaTeX{}, styles,
\texttt{thproof.sty}

Abstract: Tento článek se zabývá možnostmi označování korekturních obtahů
v nakladatelské praxi a představuje čtyři taková řešení. Tři z nich využívají exis-
tující makropříkazy nebo styly (\texttt{\headings}, \texttt{fancyhdr.sty}, \texttt{zwpagelayout.sty}).
Čtvrté je původní a specializované řešení pomocí nového stylu pro \LaTeX{} –
\texttt{thproof.sty}.

Klíčová slova: korektury, korekturní obtahy, nakladatelská praxe, \LaTeX{},
styly, \texttt{thproof.sty}

1. Introduction

Even the most modern technologies cannot prevent various mistakes in text pro-
cessing. Therefore, proofreading is a very important and often priceless activity.

Basic review of proofreading topic, i.e. itemisation of proofreading accord-
ing to time and content points of view, organisational and methodical ways of
proofreading and a comparison of ‘classical’ and modern procedures has been
published earlier (HÁLA, 2002). Of these topics, itemisation proofreading will
be mentioned in this paper.

2. Itemisation of proofreading

From the time point of view (Pop, Flégr a Pop, 1989) proofreading consists
of four basic parts:
• internal galley
• author’s galley
• internal page
• author’s page

Internal proofreading covers all editing and typesetting corrections carried out in composing room, while author’s proofreading is performed by the author himself/herself, or – in some specific cases – by an editor.

From the content point of view, we can distinguish:

editor’s proof – verifies documentary part of text;
language proof – eliminates ortographic mistakes, wrong punctuation, misspellings;
proof of style – is connected with editing activities;
proof of formal matters – checks references, numbers of figures and tables, their numbering vs. references in the text; unification of proper emphasising style, and of different styles used by various authors;
typographic proof – checks proper typefaces, symbols, indentation, placing of objects, typesetting of tables, etc.;
graphical – looks into colour management, colourfulness, contrast, backgrounds, etc.;
technical proof – deals with pagenumbering, signature imposition, technical quality for printing, etc.

Each company, performing larger number of jobs – whether publishing house or (typo)graphical studio – has to keep out of troubles caused by disordered proof-sheets.

Therefore, proof-sheets are usually marked not only by name of the job, but also by additional pieces of information:

• date and time (of printing, usually)
• number of the job
• type of proofreading, including ordinal number
• typesetter’s name and signature
• proofreader’s name and signature
• author’s/client’s signature (only for authors’ proofreading)

3. Review of solutions based on existing methods

3.1. Page style headings
The principle of page layout is based on definitions prepared in the format \LaTeX. Two basic page styles empty and plain are extended by page styles heading and myheading which are included as a part of pre-defined classes, e.g. article.cls, book.cls.
Page styles are activated by macro ($\texttt{\textbackslash pagestyle\{headings\}}$) in the preamble of a document for the whole document, or by $\texttt{\textbackslash thispagestyle\{headings\}}$ if the property is applied only to one concrete page.

\begin{verbatim}
\pagestyle{headings}
\begindocument
\markright{\footnotesize \TeX -- Brejlov -- 2nd, author's page proofsheet,}
September 16, 2010, --
testing-headings -- p. 1
\end{verbatim}

The head line contains only one line, for longer text the user has to use some advanced solution.

With this style no extra additions are needed for changing the layout of a document. Setting a layout in this way does not, however, belong to popular methods. This is proved by the very existence of the package \texttt{fancyhdr.sty} which has been created for simplifying \LaTeX\ users work.

3.2. Package \texttt{fancyhdr.sty}

Package \texttt{fancyhdr.sty} (OOSTRUM, 2005) makes the configuration of the page style more simple. The following figure shows the use of commands \texttt{fancyfoot} and \texttt{fancyhead} parametrised by positions of elements.

\begin{verbatim}
\fancyfoot[OC,EC]{\thepage}
\fancyfoot[OL,ER]{\TeX -- Brejlov -- 2., autorské stránkové korektury\today -- \jobname -- str. \thepage}
\end{verbatim}

This is a testing page.

\footnote{\TeX -- Brejlov -- 2nd, author’s page proofsheet\nSeptember 16, 2010 -- testing-fancy -- p. 1}
The package `fancyhdr.sty` seems to be very useful for user’s styling, however, for joining the design information with proof-sheet marking one has to apply the proof-sheet marking settings to each change of style, i.e. to each use of the corresponding macros which might cause some inconsistencies.

### 3.3. The package for the page layout `zwpagelayout.sty`

This package has been written by Wagner (2008) as a very complex and useful solution for all who want to prepare layout definitions comfortably.

The package is useful also for preparation of book covers. It contains a tool for placing the marks showing the position of spine, flaps, frames, etc. It also supports crop titles:

\[
\text{\texttt{\usepackage[a6,Landscape, \textit{croptitle=\TeX\ --\ Brejlov\ --\ 2.},\{,\}\ autorské\ \ stránkové\ \ korektury]{zwpagelayout}}}
\]

This is a testing page.

However very useful is this tool, there are some limitations. First, the command `\usepackage` ignores spaces between words in options, so the user has to write ‘backslashed’ spaces instead of normal ones\(^1\), or to enclose the text with an extra pair of braces.

Moreover, the crop title option is joined with the pair cropmarks/nocropmarks option so that displaying the crop title is excluded when the typesetter decides to suppress crop marks.

Limiting is also the length of crop title value: only one line is permitted\(^2\) so that the complete information cannot always be displayed.

\(^1\) Similar approach require commas: they work as delimiters between options, so the proper writing is somewhat tricky, e.g. `{,}`.

\(^2\) The thing is that the command `\` is supressed in options of `\usepackage`. 
4. Specialised solution: style \texttt{thproof.sty}

This package is the result of a development inspired by author’s everyday needs. The first version of this style has been prepared in 2001 for internal use in the publishing house KONVOJ, the latest version (1.06, 2004) has been published at \url{www.konvoj.cz/styles/korek}.

The basic requirement were: (a) independence of marking up and layout definitions, (b) portability between \LaTeX\ 2.09, \LaTeX\2ε, formats cslatex, pdf-cslatex, etc.

The work matured in \texttt{thproof.sty} (successor of \texttt{korek.sty}); the name of this style has been chosen so as not to be in conflict with the style \texttt{proof.sty} (TATSUTA, 1990), which improves some mathematical matters.

4.1. Implementation

This solution is based on redefining the low-level \TeX\ structures. The macro \texttt{@outputpage} encloses among other things the call of macro \texttt{shipout} sending the prepared vertical box with contents of the page to the output. In this vertical box, the extra part has been added (see page ??; for transparent programming, it has been expressed by one macro (\texttt{thproof@markspace}) defined in advance.

For preparing the marking structure, the \LaTeX\ environment picture has been used, as follows:

\begin{verbatim}
\def\thproof@markspace{{\unitlength1cc
 \begin{picture}(0,0)
 \put(\thproof@x,\thproof@y){%\parbox{\hsize}{\thproof@font\thproof@text}}
 \end{picture}}}
\end{verbatim}

4.2. User interface

The following commands have been defined for users:
<table>
<thead>
<tr>
<th>#</th>
<th>name of the macro and its parameters</th>
<th>note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 2</td>
<td>\thproofPosition{0}{-38}</td>
<td>a position, where the marking text will be placed; default unit is 1cc</td>
</tr>
<tr>
<td>3</td>
<td>\thproofCompany{{\TeXperience 2010}}</td>
<td>name of a (publishing) company</td>
</tr>
<tr>
<td>4</td>
<td>\thproofJobNo{1/2010}</td>
<td>internal job number in a (publishing) company</td>
</tr>
<tr>
<td>5</td>
<td>\thproofJob{Brejlov}</td>
<td>job name or client’s name</td>
</tr>
<tr>
<td>6</td>
<td>\thproofAuthor</td>
<td>author’s proofreading</td>
</tr>
<tr>
<td>6</td>
<td>\thproofHome</td>
<td>internal proofreading</td>
</tr>
<tr>
<td>7</td>
<td>\thproofGalley{1st}</td>
<td>galley proofreading and its number</td>
</tr>
<tr>
<td>7</td>
<td>\thproofPage{2nd}</td>
<td>page proofreading and its number</td>
</tr>
<tr>
<td>-</td>
<td>\thproofImprimatur</td>
<td>produces a stamp for authorisation</td>
</tr>
<tr>
<td>-</td>
<td>\thproofEnd</td>
<td>no marking texts will be printed</td>
</tr>
</tbody>
</table>

On the preceeded pages the markuping text has been generated by

\thproofPosition{0}{0}
\thproofCompany{{\TeXperience 2010}}
\thproofAuthor
\thproofJobNo{1/2010}
\thproofJob{Brejlov}
\thproofGalley{1.}

and

\thproofHome \thproofPage{2.}

respectively.

One can also use the shorter version via general setting command:

\thproofSettings{0}{-65}{\TeX{}perience 2010}
{1/2010}{Brejlov}
{H}{G}{1}

The order of the first seven parameters corresponds to the table above, the eighth one is the number of a proofsheet.

For the final version of a document the supplier very often requires the client’s signature which expresses the client’s authorisation of the document before printing.

Macro \thproofImprimatur\(^3\) generates the stamp containing the space for the date and client’s signature.

\(^3\)Imprimatur is a Latin word with meaning *let it be printed.*

\[\begin{array}{|c|c|}
\hline
\TeXperience 2010 & \text{JOB: 1/2010– p. 306} \\
\hline
\text{IMPRIMATUR} & \\
\hline
\text{Date} & \text{Signature} \\
16. 9. 2010 & \\
\hline
\end{array}\]
When marking the text is not necessary, e.g. for the printing version, it can be switched off using macro \texttt{\textbackslash thproofEnd}.

5. Conclusion

The proper marking proof-sheets is necessary because of organisational reasons. In this article, three possible solutions are shown (\texttt{\textbackslash headings}, packages \texttt{fancyhdr.sty}, \texttt{zwpagelayout.sty}). None of them – even if they are based on existing styles, partly very sophisticated ones – do not live to expectations of the author of this article – some technical restrictions obstruct comfortable use for proof-sheet marking.

Therefore the main point of this work was to present the new way of solving mentioned problems. The \LaTeX{} style \texttt{thproof.sty} seems, from the user’s point of view, to be fairly simple and comfortable solution. Macros covering each part of proof-sheet description have been shown, as well as one general setting command.

This style is maintained by author and tested in his publishing practice.

References


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Tatsuta, Makoto. \texttt{proof.sty}. In Feuerstack, Thomas; Berry, Karl; Koch, Richard; Lotz, Manfred (Eds.) \textit{\TeX{} Collection, August 2010 [DVD]}. Berlin: Lehmanns Media, c1990–2005. (ISBN 978-3-86541-401-4.)

Wagner, Zdeněk. \texttt{zwpagelayout.sty}. In Feuerstack, Thomas; Berry, Karl; Koch, Richard; Lotz, Manfred (Eds.) \textit{\TeX{} Collection, August 2010 [DVD]}. Berlin: Lehmanns Media, c2008. (ISBN 978-3-86541-401-4.)
Integration of \texttt{thproof@markspace} into \texttt{@outputpage} (the source code has been taken from \texttt{latex.ltx}):

\begin{verbatim}
\let\protect\noexpand\resetactivechars
\let\protect\noexpand\@parboxrestore
\begingroup
\let\protect\noexpand\set@typeset@protect
\set@typeset@protect
% correct? or just restore by ending the group?
\if@specialpage
\global\let\specialpagefalse\@manuseu\ps\@specialstyle%
\fi
\thproof@markspace
\if@twoside
\ifodd\count\z@ \let\@thehead\@oddhead \let\@thefoot\@oddfoot
\let\@themargin\oddsidemargin
\else \let\@thehead\@evenhead \let\@thefoot\@evenfoot \let\@themargin\evensidemargin
\fi
\fi
\reset@font
\normalsize\baselineskip\z@skip\lineskip\z@skip\lineskiplimit\z@
\begin{dvi}
\vfill
\color@hbox
%\normalcolor
\hb@xt@\textwidth\%
\let\label\@@gobble
\let\index\@@gobble
\let\glossary\@@gobble\% 21 Jun 91
\@thehead\%
\color@endbox
% XX 22 Feb 87
\dp@tempboxa\z@
\box@tempboxa
\vskip\headheight\%
\vfill
\color@endbox
% XX 22 Feb 87
\let\label\@@gobble
\let\index\@@gobble
\let\glossary\@@gobble\% 21 Jun 91
\@thefoot\%
\color@endbox
% XX 22 Feb 87
\global\@colht\textheight
\steponce\page\%
\let\firstmark\botmark
\end{dvi}
\endgroup
\end{verbatim}

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