About $p\LaTeX$ 2ε

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$p\LaTeX$ is a Japanese $\LaTeX$ format, which is adjusted/extended to be more suitable for writing Japanese documents. It requires $p\TeX$, a $\TeX$ engine with extensions for Japanese typesetting, which is designed for high-quality Japanese book “publishing.” Both of them were developed by ASCII Corporation (and its successor ASCII Media Works), so they are often referred to as “ASCII $p\TeX$” and “ASCII $p\LaTeX$” respectively.

In 2010, ASCII $p\TeX$ was incorporated into the world-wide $\TeX$ distribution, $\TeX$ Live. Since then, $p\TeX$ has been maintained/improved/changed along with $\TeX$ Live sources. In recent versions of $\TeX$ Live and W32$\TeX$ (around 2011), the default engine of $p\LaTeX$ changed from original $p\TeX$ to $\varepsilon$-$p\TeX$ ($p\TeX$ with $\varepsilon$-$\TeX$ extension). Also, the original $p\LaTeX$ itself is also frequently updated. On the other hand, $p\LaTeX$ remained unchanged since 2006, which resulted in some incompatibility and limitations.

To follow these upstream changes, we (Japanese $\LaTeX$ Development Community) decided to fork ASCII $p\LaTeX$ and distribute the “community edition.” The development version is available from GitHub repository. The forked community edition is different from the original ASCII edition, so any bug reports and requests should be sent to Japanese $\LaTeX$ Development Community, using GitHub Issue system.

This document (platex-en.pdf) is a brief explanation of the $p\LaTeX$ 2ε community edition. It is somewhat of a historical document now, since $p\LaTeX$ 2ε came into existence in 1995 (although the English translation has been done by Japanese $\LaTeX$ Development Community since 2017).

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1The $p\TeX$ website: https://asciidwango.github.io/ptex/ (in Japanese)
2There is another old implementation of Japanese $\LaTeX$ by NTT Electrical Communications Laboratories, named $\beta\LaTeX$ (unavailable in $\TeX$ Live). Also, MiK$\TeX$ has another program platex for Polish, but it has nothing to do with our Japanese $p\LaTeX$!
3https://texjp.org
4https://github.com/texjporg/platex
1 Introduction to this document

This document briefly describes \texttt{pl\LaTeX} 2\$\varepsilon$, but is not a manual of \texttt{pl\LaTeX} 2\$\varepsilon$. For the basic functions of \texttt{pl\LaTeX} 2\$\varepsilon$, see [1] (in Japanese). For extensions of some commands for vertical writing (which were first described in [2] in Japanese), see \texttt{plext.dtx} section in \texttt{pldoc-en.pdf}.

For Japanese typesetting, please refer to the documentation of \texttt{p\TeX} (or “Japanese \TeX”; the preliminary version of \texttt{p\TeX}), [3] (in Japanese), [4] (in English) and [5] (in English).

This document consists of following parts:

Section 1 This section; describes this document itself.

Section 2 Brief explanation of extensions in \texttt{pl\LaTeX} 2\$\varepsilon$. Also describes the standard classes and packages.

Section 3 The compatibility note for users of the old version of \texttt{pl\LaTeX} 2\$\varepsilon$ or those of the original \texttt{\LaTeX} 2\$\varepsilon$.

Appendix A Describes \texttt{docstrip} Options for this document.

Appendix B Description of ‘\texttt{pldoc.tex}’ (counterpart for ‘source2e.tex’ in \texttt{\LaTeX} 2\$\varepsilon$).

Appendix C Description of a shell script to process ‘\texttt{pldoc.tex}’, and a tiny perl program to check \texttt{docstrip} guards, etc.

2 About Functions of \texttt{pl\LaTeX} 2\$\varepsilon$

The structure of \texttt{pl\LaTeX} 2\$\varepsilon$ is similar to that of \texttt{\LaTeX} 2\$\varepsilon$; it consists of 3 types of files: a format (\texttt{platex.ltx}), classes and packages.

2.1 About the Format

To make a format for \texttt{pl\LaTeX}, process “\texttt{platex.ltx}” with INI mode of $\varepsilon$-\texttt{\LaTeX}.$^5$ A handy command ‘\texttt{fmtutil-sys}’ (or ‘\texttt{fmtutil}’) for this purpose is available in \texttt{\LaTeX} Live. The following command generates \texttt{platex.fmt}.

\begin{verbatim}
fmtutil-sys --byfmt platex
\end{verbatim}

$^5$Formerly both \texttt{p\TeX} and $\varepsilon$-\texttt{\LaTeX} can make the format file for \texttt{pl\LaTeX}, however, it’s not true anymore because \texttt{\LaTeX} requires $\varepsilon$-\texttt{\LaTeX} since 2017.
The content of `platex.ltx` is shown below. In the current version of p\LaTeX, first we simply load `latex.ltx` and modify/extend some definitions by loading `plcore.ltx`.

1 \(*plcore*)

Temporarily disable `\dump` at the end of `latex.ltx`.
2 `\let\orgdump\dump`
3 `\let\dump\relax`

Load `latex.ltx` here. Within the standard installation of \TeX Live, `hyphen.cfg` provided by “Babel” package will be used.
4 `\input latex.ltx`

If `\typeout` is still undefined, the input of \LaTeX kernel should have failed; abort now.
5 `\ifx\typeout\undefined`
6 `\errhelp{Please reinstall LaTeX, or check e-\TeX availability.}`%
7 `\errmessage{Failed to load ‘latex.ltx’ properly}`%
8 `\expandafter{}`
9 `\fi`

Load `plcore.ltx`.
10 `\typeout{**************************\^J%`
11 `\^^J%`
12 `\* making pLaTeX format\^J%`
13 `\^J%`
14 `**************************}%`
15 `\makeatletter`
16 `\input plcore.ltx`

Load font-related default settings, `pldefs.ltx`. If a file `pldefs.cfg` is found, then that file will be used instead. Some code may be executed after loading.
17 `\InputIfFileExists{pldefs.cfg}{`
18 `\typeout{*************************************\^J%`
19 `\^J%`
20 `\* Local config file pldefs.cfg used\^J%`
21 `*************************************}%`\}
22 `\ifx\code@after@pldefs\@undefined\else \code@after@pldefs \fi`

In the previous version, we displayed p\LaTeX version on the terminal, so that it can be easily recognized during format creation; however `\everyjob` can contain any code other than showing a banner, so now disabled.
23 `\%the\everyjob`

Load `platex.cfg` if it exists at runtime.
24 `\everyjob\expandafter{%`
25 `\the\everyjob`
26 `\IfFileExists{platex.cfg}{%`
The file `plcore.ltx`, which provides modifications/extensions to make pLaTeX2ε, is a concatenation of stripped files below using DOCSTRIP program.

- `plvers.dtx` defines the format version of pLaTeX2ε.
- `plfonts.dtx` extends NFSS2 for Japanese font selection.
- `plcore.dtx` defines other modifications to pLaTeX2ε.

Moreover, default settings of pre-loaded fonts and typesetting parameters are done by loading `pldefs.ltx` inside `platex.ltx`. This file `pldefs.ltx` is also stripped from `plfonts.dtx`.

Attention:
You can customize pLaTeX2ε by tuning these settings. If you need to do that, copy/rename it as `pldefs.cfg` and edit it, instead of overwriting `pldefs.ltx` itself. If a file named `pldefs.cfg` is found at a format creation time, it will be read as a substitute of `pldefs.ltx`.

2.1.1 Version
The version (like “2021-06-01”) and the format name (“pLaTeX2ε”) of pLaTeX2ε are defined in `plvers.dtx`.

2.1.2 NFSS2 Commands
pLaTeX2ε uses NFSS2 as a font selection scheme, however, it supports only alphabetic fonts. pLaTeX2ε extends NFSS2 to enable selection of Japanese fonts in a consistent manner with the original NFSS2.

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6ASCII pLaTeX loaded `pldefs.ltx` inside `plcore.ltx`; however, pLaTeX community edition newer than 2018 loads `pldefs.ltx` inside `platex.ltx`.
Most of the interface commands are defined to be clever enough, so that it can automatically judge whether it is going to change alphabetic fonts or Japanese fonts. It works almost fine with most of the widely used classes and packages, without any modification.

For the detail of (the original) NFSS2, please refer to fntguide.tex in \LaTeX\ 2ε.

2.1.3 Output Routine and Floats

plcore.dtx modifies and extends some \LaTeX\ 2ε commands for Japanese processing.

- Preamble commands
- Page breaking
- Line breaking
- The order of float objects
- Crop marks (“tombow”)
- Footnote macros
- Cross-referencing
- Verbatim

2.2 Classes and Packages

Classes and packages bundled with pl\LaTeX\ 2ε are based on those in original \LaTeX\ 2ε, with some Japanese localization.

pl\LaTeX\ 2ε classes:

- \texttt{jarticle.cls}, \texttt{jbook.cls}, \texttt{jreport.cls}
  Standard \textit{yoko-kumi} (horizontal writing) classes; stripped from \texttt{jclasses.dtx}.
- \texttt{tarticle.cls}, \texttt{tbook.cls}, \texttt{treport.cls}
  Standard \textit{tate-kumi} (vertical writing) classes; stripped from \texttt{jclasses.dtx}.
- \texttt{jltxdoc.cls}
  Class for typesetting Japanese \texttt{.dtx} file; stripped from \texttt{jltxdoc.dtx}.

pl\LaTeX\ 2ε packages:
• plex.sty
  Useful macros and extensions for vertical writing; stripped from plex.dtx.

• ptrace.sty
  \LaTeXe\ version of tracefnt.sty; the package tracefnt.sty overwrites \LaTeXe\-style NFSS2 commands, so ptrace.sty provides redefinitions to recover \LaTeXe\ extensions. Stripped from plfonts.dtx.

• pfltrace.sty
  \LaTeXe\ version of fltrace.sty (introduced in \LaTeXe\ 2014/05/01); stripped from plcore.dtx.

• oldpfont.sty
  Provides \LaTeXe\ 2.09 font commands; stripped from p1209.dtx.

The packages “ascmac.sty” and “nidanfloat.sty”, which had been included in previous versions of \LaTeXe, is now distributed as a separate bundle.

3 Compatibility with Other Formats and Older Versions

Here we provide some information about the compatibility between current \LaTeXe\ and older versions or original \LaTeXe.

3.1 Compatibility with \LaTeXe

\LaTeXe\ is in most part upward compatible with \LaTeXe, but some parameters are adjusted to be suitable for Japanese. Therefore, you should not expect identical output, even though the same source can be processed on both \LaTeXe\ and \LaTeXe.

We hope that most classes and packages meant for \LaTeXe\ works also for \LaTeXe\ without any modification. However for example, if a class or a package redefines a command which is already modified by \LaTeXe, it might cause an error at the worst case. We cannot tell whether a class or a package works fine with \LaTeXe\ beforehand; the easiest way is to try to use it. If it fails, please refer to the log file or a package manual.

Some \LaTeX\ packages are known to be incompatible with \LaTeX. For those packages, \LaTeX-specific patches might be available. Please refer to the documentation of the plautopatch package (by Hironobu Yamashita).
3.2 Compatibility with pLaTeX 2.09

pLaTeX has ‘pLaTeX 2.09 compatibility mode’; use \documentstyle to enter it, but the support might be limited. Note that the 2.09 compatibility mode is provided solely to allow you to process very old documents, which were written for a very old system.

3.3 Support for Package ‘latexrelease’

pLaTeX provides ‘platexrelease’ package, which is based on ‘latexrelease’ package (introduced in LATEX \textless 2015/01/01\textgreater). It may be used to ensure stability where needed, by emulating the specified format date without regenerating the format file. For more detail, please refer to its documentation.

A DOCSTRIP Options

By processing platex.dtx with DOCSTRIP program, different files can be generated. Here are the DOCSTRIP options for this document:

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>plcore</td>
<td>Generates a fragment of format sources</td>
</tr>
<tr>
<td>pldoc</td>
<td>Generates ‘pldoc.tex’ for typesetting pLaTeX 2\v sources</td>
</tr>
<tr>
<td>shprog</td>
<td>Generates a shell script to process ‘pldoc.tex’</td>
</tr>
<tr>
<td>plprog</td>
<td>Generates a tiny perl program to check DOCSTRIP guards nesting</td>
</tr>
<tr>
<td>Xins</td>
<td>Generates a DOCSTRIP batch file ‘Xins.ins’ for generating the above shell/perl scripts</td>
</tr>
</tbody>
</table>

B Documentation of pLaTeX 2\v sources

The contents of ‘pldoc.tex’ for typesetting pLaTeX 2\v sources is described here. Compared to individual processings, batch processing using ‘pldoc.tex’ prints also changes and an index. The whole document will have about 200 pages.

By default, the description of pLaTeX 2\v sources is written in Japanese. If you need English version, first save

\newif\ifJAPANESE

as platex.cfg, and process pldoc.tex (pLaTeX 2\v Community Edition newer than July 2016 is required).
First, create \texttt{pldoc.dic}; it serves as a dictionary for ‘mendex’ (Japanese index processor\footnote{Developed by ASCII Corporation; the program ‘makeindex’ cannot handle Japanese characters properly, especially Kanji characters which should be sorted by its readings.}), which is necessary for indexing control sequences containing Japanese characters (\西暦 and \和暦).

\begin{filecontents}{pldoc.dic}
੢ྐྵ ͍ͤΕ͖
࿨ྐྵ ΘΕ͖
\end{filecontents}

We use \texttt{jltxdoc} class; we also require \texttt{plext} package, since \texttt{plext.dtx} contains several examples of partial vertical writing.

\documentclass{jltxdoc}
\makeatletter
\def\macro{egingroup
\catcode'\12 \catcode'\_12
\MakePrivateLetters \m@cro@ \iftrue}
\makeatother
\usepackage{plext}
\listfiles
\DoNotIndex{\def,\long,\edef,\xdef,\gdef,\let,\global}
\DoNotIndex{\iffalse,\iftrue,\ifnum,\ifdim,\ifcat,\ifmmode,\ifvmode,\ifhmode,\iftrue,\iffalse,\ifvoid,\ifx,\ifeof,\ifcase,\else,\or,\fi}
\DoNotIndex{\box,\copy,\setbox,\unvbox,\unhbox,\hbox,\vbox,\vtop,\vcenter}
\DoNotIndex{\@empty,\immediate,\write}
\DoNotIndex{\@group,\@group,\expandafter,\begingroup,\endgroup}
\DoNotIndex{\divide,\advance,\multiply,\count,\dimen}
\DoNotIndex{\relax,\space,\string}
\DoNotIndex{\csname,\endcsname,\@spaces,\openin,\openout,\closein,\closeout,\catcode,\endinput}
\DoNotIndex{\jobname,\message,\read,\the,\m@ne,\noexpand}
\DoNotIndex{\hsize,\vsize,\hskip,\vskip,\kern,\hfil,\hfill,\hss,\vss,\unskip}
\DoNotIndex{\m@ne,\z@,\z@skip,\@ne,\tw@,\p@,\@minus,\@plus}
\DoNotIndex{\dp,\wd,\ht,\setlength,\addtolength}
\DoNotIndex{\newcommand, \renewcommand}
\DoNotIndex{\part, \renewcommand}
\ifJAPANESE
\IndexPrologue{\part*(索 引)\%}
\markboth{索 引}{索 引}\%
\addcontentsline{toc}{part}{索 引}\%
\part
\setcounter{secnumdepth}{1}
\section{Introduction}

Developed by ASCII Corporation; the program ‘makeindex’ cannot handle Japanese characters properly, especially Kanji characters which should be sorted by its readings.
Modify the standard \changes command slightly, to better cope with this multiple file document.

Codelines are allowed to run over a bit without showing up as overfull.

Codelines are allowed to run over a bit without showing up as overfull.
Section numbers now reach eg 19.12 which need more space.
\renewcommand*{\l@subsection}{\@dottedtocline{2}{1.5em}{2.8em}}
\renewcommand*{\l@subsubsection}{\@dottedtocline{3}{3.8em}{3.4em}}
\makeatother

Produce a Change Log and (2 column) Index.
\RecordChanges
\CodelineIndex
\EnableCrossrefs
\setcounter{IndexColumns}{2}
\settowidth{\MacroIndent}{ttfamily\scriptsize 000\ }

Set the title, authors and the date for this document.
\title{The \LaTeXe\ Sources}
\author{Ken Nakano \& Japanese \TeX\ Development Community}

% Get the date and patch level from plvers.dtx
\makeatletter
\let\patchdate=\@empty
\begingroup
\def\ProvidesFile#1\pfmtversion#2#3\ppatch@level#4{%
\date{#2}\xdef\patchdate{#4}\endinput}
\input{plvers.dtx}
\endgroup

% Add the patch version if available.
% \def\Xpatch{0}
% \ifx\patchdate\Xpatch\else
% \ifnum\patchdate>0
% \edef\@date{\@date\space Patch level\space\patchdate}
% \else
% \edef\@date{\@date\space Pre-Release\patchdate}
% \fi\fi

% Add the last update info, in case format date unchanged
% Note: \if@f@l@t@r can be used only in preamble.
\def\lastupd@te{0000/00/00}
\begingroup
\def\ProvidesFile#1[#2 #3]{%
\def\@tempd@te{#2}\endinput
\if@f@l@t@r{\@tempd@te}{\lastupd@te}{%
\global\let\lastupd@te\@tempd@te
}\fi}
\let\ProvidesClass\ProvidesFile
\let\ProvidesPackage\ProvidesFile
\input{plvers.dtx}
\input{plexpl3.dtx}
\input{plfonts.dtx}
\input{plcore.dtx}
Here starts the document body.

\begin{document}
\pagenumbering{roman}
\maketitle
\renewcommand\maketitle{}
\tableofcontents
\clearpage
\pagenumbering{arabic}
\DocInclude{plvers} % pLaTeX version
\DocInclude{plexpl3} % additions to expl3
\DocInclude{plfonts} % NFSS2 commands
\DocInclude{plcore} % kernel commands
\DocInclude{plext} % external commands
\DocInclude{pl209} % 2.09 compatibility mode commands
\DocInclude{kinsoku} % kinsoku parameter
\DocInclude{jclasses} % Standard class
\DocInclude{jltxdoc} % dtx documents class

Stop here if \texttt{ltxdoc.cfg} says \texttt{\AtEndOfClass{\OnlyDescription}}.
\StopEventually{\end{document}}

Print Change History and Index. Please refer to Appendix C.1 for processing of
Change History and Index.
\clearpage
\pagestyle{headings}
% Make TeX shut up.
\hbadness=10000
\newcount\hbadness

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C Additional Utility Programs

C.1 Shell Script mkpldoc.sh

A shell script to process ‘pldoc.tex’ and produce a fully indexed source code description. Run sh mkpldoc.sh to use it.

C.1.1 Content of mkpldoc.sh

First, delete auxiliary files which might be created in the previous runs.

First run: empty the config file ltxdoc.cfg.

Now process pldoc.tex.

Make the Change log and Glossary (Change History) using mendex. ‘Mendex’ is a Japanese index processor, which is mostly upward compatible with ‘makeindex’ and automatically handles readings of Kanji words.

Option -s employs a style file for formatting. Here we use gind.ist and gglo.ist from LTEX2ε.
Option -o specifies output index file name.

Option -f forces to output Kanji characters even non-existent in dictionaries.
(Makeindex does not have this option.)

229 (ja)mendex -s gind.ist -d pldoc.dic -o pldoc.ind pldoc.idx
230 (en)mendex -s gind.ist -d pldoc.dic -o pldoc-en.ind pldoc-en.idx
231 (ja)mendex -f -s gglo.ist -o pldoc.gls pldoc.glo
232 (en)mendex -f -s gglo.ist -o pldoc-en.gls pldoc-en.glo

Second run: append \includeonly{} to ltxdoc.cfg to speed up things. This run is needed only to get changes and index listed in .toc file.

233 echo \"\includeonly{}\" > ltxdoc.cfg
234 (ja)platex pldoc.tex
235 (en)platex -jobname=pldoc-en pldoc.tex

Third and final run: restore the cfg file to put everything together.

236 echo "\" > ltxdoc.cfg
237 (ja)platex pldoc.tex
238 (en)platex -jobname=pldoc-en pldoc.tex

# EOT

C.2 Perl Script dstcheck.pl

Here we provide a perl script which helps checking the nested DOCSTRIP guards.

Usage:

perl dstcheck.pl <file-name>

The description of this script itself is available only in Japanese.

241 (*plprog)
242 ##
243 ### DOCSTRIP 文書内の環境や条件の入れ子を調べる perl スクリプト
244 ###
245 push(@dst,"DUMMY"); push(@dst,"000");
246 push(@env,"DUMMY"); push(@env,"000");
247 while (<>) {
248  if (/'^<([^>]+)>/') { # check conditions
249    push(@dst,$1);
250    push(@dst,$.);
251  } elsif (/'^<\[/([^>]+)>/') {
252    $linenum = pop(@dst);
253    $conditions = pop(@dst);
254    if ($1 ne $conditions) {
255      if ($conditions eq "DUMMY") {
256        print \"$ARGV: '</$1>' (l.$.) is not started.\n";
257      }
258    }
259  }

push(@dst,"DUMMY");
push(@dst,"000");
} else {
    print "$ARGV: '<*$conditions>' (l.$linenum) is ended ";
    print " by '<*$1>' (l.$.)\n";
}
}
}
}
if (/\% *\begin\{verbatim\}/) { # check environments
    while(<>) {
    last if (/\% *\end\{verbatim\}/);
    }
    elsif (/\% *\begin\{([\^{}]+)\}\{(.*)\}/) {
    push(@env,$1);
push(@env,$.);
    } elsif (/\% *\begin\{([\^{}]+)\}/) {
    push(@env,$1);
push(@env,$.);
    } elsif (/\% *\end\{([\^{}]+)\}/) {
    $linenum = pop(@env);
    $environment = pop(@env);
    if ($1 ne $environment) {
        if ($environment eq "DUMMY") {
            print "$ARGV: '\end{$1}' (l.$.) is not started.\n";
push(@env,"DUMMY");
push(@env,"000");
        } else {
            print "$ARGV: '\begin{$environment}' (l.$linenum) is ended ";
            print " by '\end{$1}' (l.$.)\n";
        }
    }
}
$linenum = pop(@dst);
$conditions = pop(@dst);
while ($conditions ne "DUMMY") {
    print "$ARGV: '<*$conditions>' (l.$linenum) is not ended.\n";
    $linenum = pop(@dst);
    $conditions = pop(@dst);
}
$linenum = pop(@env);
$environment = pop(@env);
while ($environment ne "DUMMY") {
    print "$ARGV: '\begin{$environment}' (l.$linenum) is not ended.\n";
    $linenum = pop(@env);
    $environment = pop(@env);
}
} exit;
⟨/plprog⟩
C.3  DOCSTRIP Batch file

Here we introduce a DOCSTRIP batch file ‘Xins.ins,’ which generates the scripts described in Appendix C.1 and C.2.

\input docstrip
\keepsilent
\catcode'#=12 \gdef\MetaPrefix{## }
\declarepreamble\thispre
\endpreamble
\usepreamble\thispre
\declarepostamble\thispost
\endpostamble
\usepostamble\thispost
\generate{
  \file{dstcheck.pl}{\from{platex.dtx}{plprog}}
  \file{mkpldoc.sh}{\from{platex.dtx}{shprog,ja}}
  \file{mkpldoc-en.sh}{\from{platex.dtx}{shprog,en}}
}
\endbatchfile
⟨/Xins⟩
References

[1] 中野 賢 『日本語 L\TeX 2e ブック』 アスキー, 1996.

[2] インプレス・ラボ監修, アスキー書籍編集部編 『縦組対応 パーソナル日本語 \TeX』 アスキー出版局, 1994


[10] 河野 真治 『入門 Perl』 アスキー出版局, 1994
Change History

1995/05/08 v1.0 .............................. 2
   first edition ................................ 2
1995/08/25 v1.0a
   Added 'Compatibility', 'Usage of DOCTRIP' and 'References' ........ 2
1996/02/01 v1.0b
   Adjusted for the latest DOCTRIP
     (omake-sh.ins and omake-pl.ins) ........................ 15
1997/01/23 v1.0c
   Adjusted for the latest DOCTRIP.
   Don't copy gind.ist and g glo.ist from
   STEXMF/tex/latex2e/base directory. ......................... 12
1997/01/25 v1.0c
   Add to filecontents environment
     for pldoc.dic. ...................................... 7
1997/01/29 v1.0c
   Rename pltpatch.ltx to
     plpatch.ltx. ....................................... 10
2016/01/27 v1.0d
   Add -e test before rm command . 12
   Updated descriptions of pLPTEX 2e.
     files .............................................. 5
2016/02/16 v1.0e
   Add a description of platexrelease 7
2016/04/12 v1.0f
   Update document. ................................. 1
2016/05/07 v1.0g
   Save LATEX banner. .................................. 3
2016/05/08 v1.0h
   Exclude plpatch.ltx from the
     document ............................................ 10
2016/05/12 v1.0i
   Undefine temporary command
     \orgdump in the end. .............................. 4
2016/05/20 v1.0j
   Add description of 'pfltrace' ....... 5
2016/05/21 v1.0k
   Print also changes. ............................... 1
2016/06/19 v1.0l
   Get the patch level from
     plvers.dtx ........................................ 10
2016/08/26 v1.0m
   Moved loading platex.cfg from
     plcore.ltx to platex.ltx ... 3
2016/09/14 v1.0n
   Improved banner saving method . 3
2017/09/24 v1.0o
   Allow negative patch level for
     pre-release ........................................ 10
2017/11/11 v1.0p
   Moved banner saving code from
     platex.ltx to plcore.ltx ... 3
2017/12/02 v1.0r
   English references added ....... 2
2017/12/05 v1.0s
   Moved loading default settings
     from plcore.ltx to
     platex.ltx ...................................... 3
2018/02/07 v1.0t
   Moved ascmac package to separate
     bundle .............................................. 6
2018/02/18 v1.0u
   Moved ndanfloat package to
     separate bundle .................................... 6
2018/04/06 v1.0v
   Sync with the latest source2e.tex 9
2018/04/08 v1.0w
   Stop showing banner during
     format generation for safety ... 3
2018/09/03 v1.0x
   Mention platexcheat (Japanese
     only). .............................................. 2
   Mention plautopatch. .............................. 6
   Update document. .................................. 1
2018/09/22 v1.0y
   Show last update info on
     pldoc.pdf ......................................... 10
2019/09/29 v1.0z
   Fix typos in document. ............................ 1
2020/03/24 v1.1
   Update document. .................................. 1
2020/09/26 v1.1a
   Add plexpl3.dtx ................................. 11
2020/09/28 v1.1b
   Add hook after loading def. ........................ 3
2021/02/25 v1.1c
   Check for latex.ltx status ..................... 3
2021/03/14 v1.1d
   Print expl3 commands correctly ... 8