About pLATEX 2ε

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pIATEX is a Japanese IATEX format, which is adjusted/extended to be more suitable for writing Japanese documents. It requires pTEX¹, a TEX engine with extensions for Japanese typesetting, which is designed for high-quality Japanese book "p"ublishing.² Both of them were developed by ASCII Corporation (and its successor ASCII Media Works), so they are often referred to as "ASCII pTEX" and "ASCII pIATEX" respectively.

In 2010, ASCII pT_EX was incorporated into the world-wide T_EX distribution, T_EX Live. Since then, pT_EX has been maintained/improved/changed along with T_EX Live sources. In recent versions of T_EX Live and W32T_EX (around 2011), the default engine of pI^AT_EX changed from original pT_EX to ε -pT_EX (pT_EX with ε -T_EX extension). Also, the original I^AT_EX itself is also frequently updated. On the other hand, pI^AT_EX remained unchanged since 2006, which resulted in some incompatibility and limitations.

To follow these upstream changes, we (Japanese T_EX Development Community³) decided to fork ASCII pL^AT_EX and distribute the "community edition." The development version is available from GitHub repository⁴. The forked community edition is different from the original ASCII edition, so any bug reports and requests should be sent to Japanese T_EX Development Community, using GitHub Issue system.

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 It is somewhat of a historical document now, since pLATEX 2_{ε} came into existence in 1995 (although the English translation has been done by Japanese TeX Development Community since 2017).

 $^{^1{\}rm The~pT}_{\rm E\!X}$ website: https://asciidwango.github.io/ptex/ (in Japanese)

²There is another old implementation of Japanese LATEX by NTT Electrical Communications Laboratories, named JLATEX (unavailable in TEX Live). Also, MiKTEX has another program platex for Polish, but it has nothing to do with our Japanese pLATEX!

 $^{^3 {\}tt https://texjp.org}$

 $^{^4}$ https://github.com/texjporg/platex

1 Introduction to this document

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

For Japanese typesetting, please refer to the documentation of pTEX (or "Japanese TEX"; the preliminary version of pTEX), [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 pLATEX 2_{ε} . Also describes the standard classes and packages.
- Section 3 The compatibility note for users of the old version of pIATEX 2_{ε} or those of the original IATEX 2_{ε} .
- Appendix A Describes DOCSTRIP Options for this document.
- **Appendix B** Description of 'pldoc.tex' (counterpart for 'source2e.tex' in $\LaTeX 2_{\varepsilon}$).
- **Appendix C** Description of a shell script to process 'pldoc.tex', and a tiny perl program to check DOCSTRIP guards, etc.

2 About Functions of pL $^{4}T_{E}X 2_{\varepsilon}$

The structure of pIAT_EX 2_{ε} is similar to that of IAT_EX 2_{ε} ; it consists of 3 types of files: a format (platex.ltx), classes and packages.

2.1 About the Format

To make a format for pIATeX, process "platex.ltx" with INI mode of ε -pTeX.⁵ A handy command 'fmtutil-sys' (or 'fmtutil') for this purpose is available in TeX Live. The following command generates platex.fmt.

fmtutil-sys --byfmt platex

⁵Formerly both pTeX and ε -pTeX can make the format file for pLATeX, however, it's not true anymore because LATeX requires ε -TeX since 2017.

The content of platex.ltx is shown below. In the current version of plateX, first we simply load latex.ltx and modify/extend some definitions by loading plcore.ltx.

```
1 \langle *plcore \rangle
```

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.

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.

In the previous version, we displayed pLATEX 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

The file plcore.ltx, which provides modifications/extensions to make pLATEX 2ε , is a concatenation of stripped files below using DOCSTRIP program.

- ullet plvers.dtx defines the format version of pIATEX $2_{\mathcal{E}}$.
- plfonts.dtx extends NFSS2 for Japanese font selection.
- plcore.dtx defines other modifications to $\LaTeX 2_{\varepsilon}$.

Moreover, default settings of pre-loaded fonts and typesetting parameters are done by loading pldefs.ltx inside platex.ltx.⁶ This file pldefs.ltx is also stripped from plfonts.dtx.

Attention:

You can customize pLATEX $2_{\mathcal{E}}$ 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 ("pLaTeX2e") of pLFT_EX 2ε are defined in plvers.dtx.

2.1.2 NFSS2 Commands

 \LaTeX 2 ε uses NFSS2 as a font selection scheme, however, it supports only alphabetic fonts. p \LaTeX 2 ε extends NFSS2 to enable selection of Japanese fonts in a consistent manner with the original NFSS2.

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 alphpabetic fonts or Japanese fonts. It works almost fine with most of the widely used classes and packages, without any modification.

For the defail 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 2_{ε} 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 pLATEX 2_{ε} are based on those in original LATEX 2_{ε} , with some Japanese localization.

pLATeX 2ε classes:

- jarticle.cls, jbook.cls, jreport.cls
 Standard *yoko-kumi* (horizontal writing) classes; stripped from jclasses.dtx.
- tarticle.cls, tbook.cls, treport.cls
 Standard *tate-kumi* (vertical writing) classes; stripped from jclasses.dtx.
- jltxdoc.cls

 Class for typesetting Japanese .dtx file; stripped from jltxdoc.dtx.

pLATeX 2ε packages:

plext.sty

Useful macros and extensions for vertical writing; stripped from plext.dtx.

ptrace.sty

pLATEX $2_{\mathcal{E}}$ version of tracefnt.sty; the package tracefnt.sty overwrites pLATEX $2_{\mathcal{E}}$ -style NFSS2 commands, so ptrace.sty provides redefinitions to recover pLATEX $2_{\mathcal{E}}$ extensions. Stripped from plfonts.dtx.

• pfltrace.sty

pLATEX 2_{ε} version of fltrace.sty (introduced in LATEX 2_{ε} 2014/05/01); stripped from plcore.dtx.

• oldpfont.sty

Provides pLATEX 2.09 font commands; stripped from pl209.dtx.

The packages "ascmac.sty" and "nidanfloat.sty", which had been included in previous versions of pLATeX, 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 pLATEX 2ε and older versions or original LATEX 2ε .

3.1 Compatibility with LaTeX 2ε

pLATEX 2_{ε} is in most part upward compatible with LATEX 2_{ε} , 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 LATEX 2_{ε} and pLATEX 2_{ε} .

We hope that most classes and packages meant for LaTeX 2_{ε} works also for pLaTeX 2_{ε} without any modification. However for example, if a class or a package redefines a command which is already modified by pLaTeX 2_{ε} , it might cause an error at the worst case. We cannot tell whether a class or a package works fine with pLaTeX 2_{ε} 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 pLATEX. For those packages, pLATEX-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 2_{ε} 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 <2015/01/01>). 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:

Option	Function
plcore	Generates a fragment of format sources
pldoc	Generates 'pldoc.tex' for type setting pLATEX $2_{\mathcal{E}}$ sources
shprog	Generates a shell script to process 'pldoc.tex'
plprog	Generates a tiny perl program to check DOCSTRIP guards nesting
Xins	Generates a DOCSTRIP batch file 'Xins.ins' for generating the
	above shell/perl scripts

B Documentation of pLATEX 2_{ε} sources

The contents of 'pldoc.tex' for type setting pIATEX 2_{ε} 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_{ε} sources is written in Japanese. If you need English version, first save

\newif\ifJAPANESE

as platex.cfg, and process pldoc.tex (pLATEX 2_{ε} Community Edition newer than July 2016 is required).

```
processor<sup>7</sup>), which is necessary for indexing control sequences containing Japanese
characters (\ 西曆 and \ 和曆).
38 (*pldoc)
39 \begin{filecontents}{pldoc.dic}
40 西暦
          せいれき
41 和暦
          われき
42 \end{filecontents}
  We use jltxdoc class; we also require plext package, since plext.dtx contains
several examples of partial vertical writing.
43 \documentclass{jltxdoc}
44 \makeatletter
46
     \catcode'\\12 \catcode'\_12
47
     \MakePrivateLetters \m@cro@ \iftrue}
48 \makeatother
49 \usepackage{plext}
50 \setminus listfiles
Do not index some TFX primitives, and some common plain TFX commands.
52 \DoNotIndex{\def,\long,\edef,\xdef,\gdef,\let,\global}
53 \DoNotIndex{\if,\ifnum,\ifdim,\ifcat,\ifmmode,\ifvmode,\ifhmode,\%
54
              \iftrue,\iffalse,\ifvoid,\ifx,\ifeof,\ifcase,\else,\or,\fi}
55 \DoNotIndex{\box,\copy,\setbox,\unvbox,\unhbox,\hbox,%
56
              \vbox,\vtop,\vcenter}
57 \DoNotIndex{\@empty,\immediate,\write}
58 \DoNotIndex{\egroup,\bgroup,\expandafter,\begingroup,\endgroup}
```

First, create pldoc.dic; it serves as a dictionary for 'mendex' (Japanese index

```
Set up the Index and Change History to use \part.
```

67 \DoNotIndex{\dp,\wd,\ht,\setlength,\addtolength}

\closein,\closeout}

```
70 \ifJAPANESE
```

60 \DoNotIndex{\relax,\space,\string}

63 \DoNotIndex{\catcode,\endinput}

68 \DoNotIndex{\newcommand, \renewcommand}

59 \DoNotIndex{\divide,\advance,\multiply,\count,\dimen}

61 \DoNotIndex{\csname,\endcsname,\@spaces,\openin,\openout,%

64 \DoNotIndex{\jobname,\message,\read,\the,\m@ne,\noexpand}

66 \DoNotIndex{\m@ne,\z@,\z@skip,\@ne,\tw@,\p@,\@minus,\@plus}

65 \DoNotIndex{\hsize,\vsize,\hskip,\vskip,\kern,\hfil,\hfill,\hss,\vss,\unskip}

^{71 \}IndexPrologue{\part*{索 引}%

^{72 \}markboth{索 引}{索 引}%

^{73 \}addcontentsline{toc}{part}{索 引}%

 $^{^7}$ Developed by ASCII Corporation; the program 'make index' cannot handle Japanese characters properly, especially Kanji characters which should be sorted by its readings.

```
74 イタリック体の数字は、その項目が説明されているページを示しています。
75 下線の引かれた数字は、定義されているページを示しています。
76 その他の数字は、その項目が使われているページを示しています。}
77 \else
78 \IndexPrologue{\part*{Index}%
                   \markboth{Index}{Index}%
79
                   \addcontentsline{toc}{part}{Index}%
80
81 The italic numbers denote the pages where the corresponding entry
82 is described, numbers underlined point to the definition,
83 all others indicate the places where it is used.}
84 \fi
85 %
86 \ifJAPANESE
87 \GlossaryPrologue{\part*{変更履歴}%
                   \markboth{変更履歴}{変更履歴}%
                   \addcontentsline{toc}{part}{変更履歴}}
89
90 \ensuremath{\setminus} else
91 \GlossaryPrologue{\part*{Change History}%
                   \verb|\markboth{Change History}{Change History}||
92
93
                   \addcontentsline{toc}{part}{Change History}}
94 \fi
95
Modify the standard \changes command slightly, to better cope with this multiple
file document.
96 \makeatletter
97 \def\changes@#1#2#3{%
    \let\protect\@unexpandable@protect
98
     \verb|\def|@tempa{\noexpand\glossary{#2\space}|
99
                 \currentfile\space#1\levelchar
100
                 \ifx\saved@macroname\@empty
101
                    \space\actualchar\generalname
102
103
                    \expandafter\@gobble
104
                    \saved@macroname\actualchar
105
                    \string\verb\quotechar*%
106
107
                    \verbatimchar\saved@macroname
                     \verbatimchar
108
                 \fi
109
                 :\levelchar #3}}%
110
     \verb|\delta endgroup| @esphack||
111
Codelines are allowed to run over a bit without showing up as overfull.
\fontfamily\ttdefault
113
                     \fontseries\mddefault
114
                     \fontshape\updefault
115
                     \small
116
```

\hfuzz 6pt\relax}

117

```
Section numbers now reach eg 19.12 which need more space.
118 \renewcommand*\l@subsection{\@dottedtocline{2}{1.5em}{2.8em}}
119 \renewcommand*\l@subsubsection{\@dottedtocline{3}{3.8em}{3.4em}}
120 \makeatother
 Produce a Change Log and (2 column) Index.
121 \RecordChanges
122 \CodelineIndex
123 \EnableCrossrefs
124 \setcounter{IndexColumns}{2}
125 \settowidth\MacroIndent{\ttfamily\scriptsize 000\ }
 Set the title, authors and the date for this document.
126 \title{The \pLaTeXe\ Sources}
127 \author{Ken Nakano \& Japanese \TeX\ Development Community}
128
129 % Get the date and patch level from plvers.dtx
130 \makeatletter
131 \let\patchdate=\@empty
132 \begingroup
      \def\ProvidesFile#1\pfmtversion#2#3\ppatch@level#4{%
133
          \label{fig:linear} $$ \ate{#2}\xdef\operatorname{fig:linear} $$ \ate{#4}\endingut} $$
134
      \input{plvers.dtx}
135
136 \endgroup
137
138 % Add the patch version if available.
139 \def\Xpatch{0}
140 \ifx\patchdate\Xpatch\else
141 % number is assumed
142 \ifnum\patchdate>0
143 \edef\@date{\@date\space Patch level\space\patchdate}
144 \ensuremath{\setminus} else
     \edef\@date{\@date\space Pre-Release\patchdate}
145
146 \fi\fi
147
148 % Add the last update info, in case format date unchanged
149 % Note: \@ifl@t@r can be used only in preamble.
150 \def\lastupd@te{0000/00/00}
151 \begingroup
152
      \def\ProvidesFile#1[#2 #3]{%
153
          \def\@tempd@te{#2}\endinput
154
          \@ifl@t@r{\@tempd@te}{\lastupd@te}{%
             \global\let\lastupd@te\@tempd@te
155
         }{}}
156
      \let\ProvidesClass\ProvidesFile
157
      \let\ProvidesPackage\ProvidesFile
158
      \input{plvers.dtx}
159
      \input{plexpl3.dtx}
160
      \input{plfonts.dtx}
161
162
      \input{plcore.dtx}
```

```
\input{plext.dtx}
163
      \input{pl209.dtx}
164
165
      \input{kinsoku.dtx}
166
      \input{jclasses.dtx}
167
      \input{jltxdoc.cls}
168 \endgroup
\edef\@date{\@date\break (last updated: \lastupd@te)}%
170
171 }{}
172 \makeatother
Here starts the document body.
173 \begin{document}
174 \pagenumbering{roman}
175 \maketitle
176 \renewcommand\maketitle{}
177 \tableofcontents
178 \clearpage
179 \pagenumbering{arabic}
181 \DocInclude{plvers}
                         % pLaTeX version
182
183 \DocInclude{plexpl3}
                         % additions to expl3
184
                         % NFSS2 commands
185 \DocInclude{plfonts}
186
187 \DocInclude{plcore}
                         % kernel commands
188
189 \DocInclude{plext}
                         % external commands
190
191 \DocInclude{pl209}
                         % 2.09 compatibility mode commands
193 \DocInclude{kinsoku} % kinsoku parameter
194
195 \DocInclude{jclasses} % Standard class
196
197 \DocInclude{jltxdoc}  % dtx documents class
198
Stop here if ltxdoc.cfg says \AtEndOfClass{\OnlyDescription}.
199 StopEventually{\end{document}}
Print Change History and Index. Please refer to Appendix C.1 for processing of
Change History and Index.
201 \clearpage
202 \pagestyle{headings}
203 % Make TeX shut up.
204 \hbadness=10000
205 \newcount\hbadness
```

```
206 \hfuzz=\maxdimen
207 %
208 \PrintChanges
209 \clearpage
210 %
211 \begingroup
     \def\endash\{--\}
212
     \catcode'\-\active
213
     \def-{\futurelet\temp\indexdash}
214
     \def\indexdash{\ifx\temp-\endash\fi}
215
216
     \PrintIndex
217
218 \endgroup
 Make sure that the index is not printed twice (ltxdoc.cfg might have a second
 command).
219 \let\PrintChanges\relax
220 \let\PrintIndex\relax
221 \end{document}
222 (/pldoc)
```

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.
```

```
223 (*shprog)
224 (ja)rm -f pldoc.toc pldoc.idx pldoc.glo
225 (en)rm -f pldoc-en.toc pldoc-en.idx pldoc-en.glo
First run: empty the config file ltxdoc.cfg.
226 echo "" > ltxdoc.cfg

Now process pldoc.tex.
227 (ja)platex pldoc.tex
228 (en)platex -jobname=pldoc-en 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 \LaTeX 2ε .

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 \langle ja \ranglemendex -s gind.ist -d pldoc.dic -o pldoc.ind pldoc.idx
230 \langle en \ranglemendex -s gind.ist -d pldoc.dic -o pldoc-en.ind pldoc-en.idx
231 \langle ja \ranglemendex -f -s gglo.ist -o pldoc.gls pldoc.glo
232 \langle en \ranglemendex -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 \(\lambda\)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
239 # EOT
240 ⟨/shprog⟩
```

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
245 push(@dst,"DUMMY"); push(@dst,"000");
246 push(@env,"DUMMY"); push(@env,"000");
247 while (<>) {
    if (/^%<\*([^>]+)>/) { # check conditions
248
      push(@dst,$1);
249
      push(@dst,$.);
250
251 } elsif (/^%<\/([^>]+)>/) {
252
       $linenum = pop(@dst);
253
       $conditions = pop(@dst);
       if ($1 ne $conditions) {
254
        if ($conditions eq "DUMMY") {
255
          print "$ARGV: '</$1>' (1.$.) is not started.\n";
256
```

```
push(@dst,"DUMMY");
257
            push(@dst,"000");
258
259
            print "$ARGV: '<*$conditions>' (1.$linenum) is ended ";
260
            print "by '<*$1>' (1.$.)\n";
261
262
263
264
     }
     if (/^% *\\begin\{verbatim\}/) { # check environments
265
       while(<>) {
266
            last if (/^% *\end_{verbatim}));
267
268
269
     } elsif (/^% *\\begin\{([^{}]+)\}\{(.*)\}/) {
       push(@env,$1);
270
271
       push(@env,$.);
272
     } elsif (/^% *\\begin\{([^{\}]+)\}/) {
273
       push(@env,$1);
274
       push(@env,$.);
     } elsif (/^% *\\end\{([^{\}]+)\\}/) {
275
       $linenum = pop(@env);
276
       $environment = pop(@env);
277
278
       if ($1 ne $environment) {
          if ($environment eq "DUMMY") {
279
            print "$ARGV: '\end{$1}' (1.$.) is not started.\n";
280
281
            push(@env,"DUMMY");
            push(@env,"000");
282
283
          } else {
            print "$ARGV: \\begin{$environement} (1.$linenum) is ended ";
284
            print "by \end{$1} (1.$.)\n";
285
286
       }
287
     }
288
289 }
290 $linenum = pop(@dst);
291 $conditions = pop(@dst);
292 while ($conditions ne "DUMMY") {
       print "$ARGV: '<*$conditions>' (1.$linenum) is not ended.\n";
294
       $linenum = pop(@dst);
295
       $conditions = pop(@dst);
296 }
297 $linenum = pop(@env);
298 \text{\text{$\text{environment}}} = \text{pop(\text{\text{$\text{env}}});}
299 \; \mbox{while} ($environment ne "DUMMY") {
       print "$ARGV: '\begin{$environment}' (1.$linenum) is not ended.\n";
300
       $linenum = pop(@env);
301
       $environment = pop(@env);
302
303 }
304 exit;
305 (/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.

```
306 \langle *Xins \rangle
307 \setminus input docstrip
308 \keepsilent
309 {\catcode'#=12 \gdef\MetaPrefix{## }}
310 \declarepreamble\thispre
311 \endpreamble
312 \text{\label{locality}} \
313 \ensuremath{\mbox{\mbox{declarepostamble}\mbox{\mbox{\mbox{thispost}}}}
314 \endpostamble
315 \text{ \label{linear} linear} \
316 \generate{
       \file{dstcheck.pl}{\from{platex.dtx}{plprog}}
       \file{mkpldoc.sh}{\from{platex.dtx}{shprog,ja}}
318
       \file{mkpldoc-en.sh}{\from{platex.dtx}{shprog,en}}
319
320 }
321 \endbatchfile
322 \langle /Xins \rangle
```

References

- [1] 中野 賢『日本語 \LaTeX 2ε 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 T_FX 』 アスキー出版局, 1994
- [3] アスキー出版技術部責任編集 『日本語 T_{EX} テクニカルブック I』 アスキー, 1990.
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Change History

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