# About pLATEX $2\varepsilon$

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#### Attention:

This document provides a brief description of pLATEX  $2_{\mathcal{E}}$ , the Japanese extended version of LATEX  $2_{\mathcal{E}}$ . The original version of pLATEX  $2_{\mathcal{E}}$  ('ASCII pLATEX  $2_{\mathcal{E}}$ ') was developed by ASCII MEDIA WORKS<sup>1</sup> (formerly ASCII CORPORATION) during 1995 and 2006. The current version, which is now distributed in CTAN and TEX Live, is a forked version called 'pLATEX  $2_{\mathcal{E}}$  Community Edition.' It is now maintained by Japanese TEX Development Community<sup>2</sup>.

pIATEX is a Japanese IATEX format, which is adjusted/extended to be more suitable for writing Japanese documents. It requires pTEX (TEX engine with extensions for Japanese typesetting; it is designed for high-quality Japanese book publishing, and the 'p' stands for 'publishing'3), and the developent of both pTEX and pIATEX was done by ASCII Corporation.

In 2010, ASCII pTEX was incorporated into the world-wide TEX distribution 'TEX Live.' Since then, pTEX has been maintained/improved/changed along with TEX Live sources. In recent versions of TEX Live and W32TEX, the default engine of pLATEX changed from original pTEX to  $\varepsilon$ -pTEX (pTEX with  $\varepsilon$ -pTEX extension), and the original LATEX itself is also frequently updated. On the other hand, pLATEX remained unchanged since 2006, which resulted in some incompatibility and limitations.

To follow these upstream changes, we (Japanese TeX Development Community) decided to fork ASCII plaTeX and distribute the 'community edition.' The development version is available from GitHub repository<sup>4</sup>. The forked community

<sup>1</sup>http://ascii.asciimw.jp/pb/ptex/

<sup>&</sup>lt;sup>2</sup>https://texjp.org

<sup>&</sup>lt;sup>3</sup>There is another old implementation of Japanese IATEX, called JIATEX  $2\varepsilon$  (but not includeded in TEX Live). Also, MiKTEX has another program called 'platex,' but it has nothing to do with our Japanese pIATEX!

<sup>4</sup>https://github.com/texjporg/platex

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 pIATEX  $2_{\varepsilon}$  community edition. It is somewhat of a historical document now, since pIATEX  $2_{\varepsilon}$  came into existence in 1995 (although the English translation has been done by Japanese TeX Development Community since 2017). The detail of source codes are described separately in pldoc-en.pdf.

# 1 Introduction to this document

This document briefly describes  $pL^{A}T_{E}X 2_{\varepsilon}$ , but is not a manual of  $pL^{A}T_{E}X 2_{\varepsilon}$ . For the basic functions of  $pL^{A}T_{E}X 2_{\varepsilon}$ , 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  $2_{\varepsilon}$ . Also describes the standard classes and packages.
- Section 3 The compatibility note for users of the old version of pIATEX  $2_{\varepsilon}$  or those of the original IATEX  $2_{\varepsilon}$ .
- **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<sub>E</sub>X  $2_{\varepsilon}$  is similar to that of IAT<sub>E</sub>X  $2_{\varepsilon}$ ; 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  $\varepsilon$ -pTEX.<sup>5</sup> 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

<sup>&</sup>lt;sup>5</sup>Formerly both pTeX and  $\varepsilon$ -pTeX can make the format file for pLATeX, however, it's not true anymore because LATeX requires  $\varepsilon$ -pTeX 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 \setminus input latex.ltx
```

Load plcore.ltx.

Load font-related default settings, pldefs.ltx. If a file pldefs.cfg is found, then that file will be used instead.

Display pIATEX version on the terminal, so that it can be easily recognized during format creation.

# 17 \the\everyjob

Load platex.cfg if it exists at runtime.

Dump to the format file.

```
26 \let\dump\orgdump
```

<sup>27 \</sup>let\orgdump\@undefined

<sup>28 \</sup>makeatother

```
29 \dump
```

30 %\endinput

31 (/plcore)

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

- plvers.dtx defines the format version of pLATEX  $2\varepsilon$ .
- 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.<sup>6</sup> 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 "2018-04-01") and the format name ("pLaTeX2e") of pLATeX  $2\varepsilon$  are defined in plvers.dtx.

# 2.1.2 NFSS2 Commands

IATEX  $2_{\varepsilon}$  uses NFSS2 as a font selection scheme, however, it supports only alphabetic fonts. pIATEX  $2_{\varepsilon}$  extends NFSS2 to enable selection of Japanese fonts in a consistent manner with the original NFSS2.

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  $2\varepsilon$ .

<sup>&</sup>lt;sup>6</sup>ASCII pLATEX loaded pldefs.ltx inside plcore.ltx; however, pLATEX community edition newer than 2018 loads pldefs.ltx inside platex.ltx.

# 2.1.3 Output Routine and Floats

plcore.dtx modifies and extends some LATEX  $2_{\mathcal{E}}$  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  $2_{\varepsilon}$  are based on those in original LaTeX  $2_{\varepsilon}$ , with some Japanese localization.

pLaTeX  $2\varepsilon$  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.

pIATEX  $2\varepsilon$  packages:

• plext.sty

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

#### ptrace.sty

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

#### pfltrace.sty

pIATEX  $2_{\varepsilon}$  version of fltrace.sty (introduced in IATEX  $2_{\varepsilon}$  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 pIATEX  $2_{\varepsilon}$  and older versions or original IATEX  $2_{\varepsilon}$ .

# 3.1 Compatibility with $\LaTeX 2_{\varepsilon}$

pLaTeX  $2_{\varepsilon}$  is in most part upper compatible with LaTeX  $2_{\varepsilon}$ , 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  $2_{\varepsilon}$  and pLaTeX  $2_{\varepsilon}$ .

We hope that most classes and packages meant for LaTeX  $2_{\varepsilon}$  works also for pLaTeX  $2_{\varepsilon}$  without any modification. However for example, if a class or a package redefines a command which is already modified by pLaTeX  $2_{\varepsilon}$ , it might cause an error at the worst case. We cannot tell whether a class or a package works fine with pLaTeX  $2_{\varepsilon}$  beforehand; the easiest way is to try to use it. If it fails, please refer to the log file or a package manual.

# 3.2 Compatibility with pLATEX 2.09

pLATEX  $2_{\varepsilon}$  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	
$\operatorname{pldoc}$	Generates 'pldoc.tex' for type setting pIATEX $2_{\varepsilon}$ 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 $2_{\varepsilon}$ sources

The contents of 'pldoc.tex' for typesetting pLATEX  $2_{\varepsilon}$  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  $2\varepsilon$  sources is written in Japanese. If you need English version, first save

# \newif\ifJAPANESE

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

First, create pldoc.dic; it serves as a dictionary for 'mendex' (Japanese index processor<sup>7</sup>), which is necessary for indexing control sequences containing Japanese characters (\ 西曆 and \ 和曆).

<sup>&</sup>lt;sup>7</sup>Developed by ASCII Corporation; the program 'make index' cannot handle Japanese characters properly, especially Kanji characters which should be sorted by its readings.

```
32 (*pldoc)
33 \begin{filecontents}{pldoc.dic}
34 西暦
         せいれき
35 和暦
         われき
36 \end{filecontents}
  We use iltxdoc class; we also require plext package, since plext.dtx contains
several examples of partial vertical writing.
37 \documentclass{jltxdoc}
38 \usepackage{plext}
39 \listfiles
Do not index some TEX primitives, and some common plain TEX commands.
41 \DoNotIndex{\def,\long,\edef,\xdef,\gdef,\let,\global}
42 \DoNotIndex{\if,\ifnum,\ifdim,\ifcat,\ifmmode,\ifvmode,\ifhmode,\%
43
              \iftrue,\iffalse,\ifvoid,\ifx,\ifeof,\ifcase,\else,\or,\fi}
44 \DoNotIndex{\box,\copy,\setbox,\unvbox,\unhbox,\hbox,\%
45
              \vbox,\vtop,\vcenter}
46 \DoNotIndex{\@empty,\immediate,\write}
47 \DoNotIndex{\egroup,\bgroup,\expandafter,\begingroup,\endgroup}
48 \DoNotIndex{\divide,\advance,\multiply,\count,\dimen}
49 \DoNotIndex{\relax,\space,\string}
50 \DoNotIndex{\csname,\endcsname,\@spaces,\openin,\openout,%
              \closein,\closeout}
52 \DoNotIndex{\catcode,\endinput}
53 \DoNotIndex{\jobname,\message,\read,\the,\m@ne,\noexpand}
54 \DoNotIndex{\hsize,\vsize,\hskip,\vskip,\kern,\hfil,\hfill,\hss,\vss,\unskip}
55 \DoNotIndex{\m@ne,\z@,\z@skip,\@ne,\tw@,\p@,\@minus,\@plus}
56 \DoNotIndex{\dp,\wd,\ht,\setlength,\addtolength}
57 \DoNotIndex{\newcommand, \renewcommand}
Set up the Index and Change History to use \part.
59 \ifJAPANESE
60 \IndexPrologue{\part*{索 引}%
                   \markboth{索 引}{索 引}%
                   \addcontentsline{toc}{part}{索 引}%
63 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。
64 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。
65 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。}
66 \else
67 \IndexPrologue{\part*{Index}%
68
                   \markboth{Index}{Index}%
69
                   \addcontentsline{toc}{part}{Index}%
70 \ \text{The italic numbers denote the pages where the corresponding entry}
71 is described, numbers underlined point to the definition,
72 all others indicate the places where it is used.}
73 \fi
74 %
```

```
75 \ifJAPANESE
76 \GlossaryPrologue{\part*{変更履歴}%
                    \markboth{変更履歴}{変更履歴}%
77
                    \addcontentsline{toc}{part}{変更履歷}}
78
79 \else
80 \GlossaryPrologue{\part*{Change History}%
                    \markboth{Change History}{Change History}%
81
82
                    \addcontentsline{toc}{part}{Change History}}
83 \fi
84
Modify the standard \changes command slightly, to better cope with this multiple
file document.
85 \makeatletter
86 \def\changes@#1#2#3{%
87
     \let\protect\@unexpandable@protect
88
     \edef\@tempa{\noexpand\glossary{#2\space
89
                  \currentfile\space#1\levelchar
90
                  \ifx\saved@macroname\@empty
                      \space\actualchar\generalname
91
92
                  \else
                      \expandafter\@gobble
93
                      \saved@macroname\actualchar
94
                      \string\verb\quotechar*%
95
                      \verbatimchar\saved@macroname
97
                      \verbatimchar
                  \fi
98
                   :\levelchar #3}}%
99
     \@tempa\endgroup\@esphack}
100
Codelines are allowed to run over a bit without showing up as overfull.
101 \renewcommand*\MacroFont{\fontencoding\encodingdefault
102
                       \fontfamily\ttdefault
103
                       \fontseries\mddefault
104
                       \fontshape\updefault
                       \small
105
                       \hfuzz 6pt\relax}
106
Section numbers now reach eg 19.12 which need more space.
107 \renewcommand*\l@subsection{\@dottedtocline{2}{1.5em}{2.8em}}
108 \renewcommand*\l@subsubsection{\@dottedtocline{3}{3.8em}{3.4em}}
109 \makeatother
Produce a Change Log and (2 column) Index.
110 \RecordChanges
111 \CodelineIndex
112 \EnableCrossrefs
113 \setcounter{IndexColumns}{2}
114 \settowidth\MacroIndent{\ttfamily\scriptsize 000\ }
```

```
Here starts the document body.
115 \begin{document}
116 \title{The \pLaTeXe\ Sources}
117 \author{Ken Nakano \& Japanese \TeX\ Development Community}
119 % Get the date and patch level from plvers.dtx
120 \makeatletter
121 \let\patchdate=\@empty
122 \begingroup
      \def\ProvidesFile#1\pfmtversion#2#3\ppatch@level#4{%
123
          \label{patchdate} $$ \ate{#2}\xdef\patchdate{#4}\endingut}
124
      \input{plvers.dtx}
125
126 \endgroup
127
128 % Add the patch version if available.
129 \left( Xpatch{0} \right)
130 \ifx\patchdate\Xpatch\else
131\,\% number is assumed
132 \ifnum\patchdate>0
{\tt 133} \quad \texttt{\edef\@date\space\ Patch\ level\space\patchdate} \\
134 \ensuremath{\setminus} \mathtt{else}
135
    \edef\@date{\@date\space Pre-Release\patchdate}
136 \fi\fi
137 \makeatother
139 \pagenumbering{roman}
140 \maketitle
141 \renewcommand\maketitle{}
142 \tableofcontents
143 \clearpage
144 \geq 144 
145
146 \DocInclude{plvers}
                           % pLaTeX version
148 \DocInclude{plfonts} % NFSS2 commands
150 \DocInclude{plcore}
                           % kernel commands
151
152 \DocInclude{plext}
                           % external commands
153
154 \DocInclude{pl209}
                           \% 2.09 compatibility mode commands
155
156 \DocInclude{kinsoku} % kinsoku parameter
157
158 \DocInclude{jclasses} % Standard class
160 \DocInclude{jltxdoc}  % dtx documents class
161
```

```
Stop here if ltxdoc.cfg says \AtEndOfClass{\OnlyDescription}.
162 \StopEventually{\end{document}}
 Print Change History and Index. Please refer to Appendix C.1 for processing of
 Change History and Index.
164 \clearpage
165 \pagestyle{headings}
166 % Make TeX shut up.
167 \hbadness=10000
168 \newcount\hbadness
169 \hfuzz=\maxdimen
170 %
171 \PrintChanges
172 \clearpage
173 %
174 \begingroup
175 \def\endash{--}
     \catcode'\-\active
176
     \def-{\futurelet\temp\indexdash}
177
     \def\indexdash{\ifx\temp-\endash\fi}
178
179
180
     \PrintIndex
181 \endgroup
Make sure that the index is not printed twice (ltxdoc.cfg might have a second
command).
182 \let\PrintChanges\relax
183 \let\PrintIndex\relax
184 \end{document}
185 (/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.

```
186\ \langle *shprog \rangle 187\ for\ f in pldoc.toc pldoc.idx pldoc.glo ; do 188\ if\ [\ -e\ \$f\ ] ; then rm \$f; fi 189\ done
```

```
First run: empty the config file ltxdoc.cfg.

190 echo "" > ltxdoc.cfg

Now process pldoc.tex.

191 platex pldoc.tex
```

Make the Change log and Glossary (Change History) using mendex. 'Mendex' is a Japanese index processor, which is mostly upper 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 IATEX  $2\varepsilon$ .

Option -o specifies output index file name.

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

```
192 mendex -s gind.ist -d pldoc.dic -o pldoc.ind pldoc.idx
193 mendex -f -s gglo.ist -o pldoc.gls pldoc.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.

```
194 echo "\includeonly{}" > ltxdoc.cfg
195 platex pldoc.tex
```

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

```
196 echo "" > ltxdoc.cfg
197 platex pldoc.tex
198 # EOT
199 </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.

```
200 (*plprog)
201 ##
202 ## DOCSTRIP 文書内の環境や条件の入れ子を調べる perl スクリプト
203 ##
204 push(@dst,"DUMMY"); push(@dst,"000");
205 push(@env,"DUMMY"); push(@env,"000");
206 while (<>) {
```

```
if (/^{<<}([^>]+)>/) { # check conditions
207
       push(@dst,$1);
208
       push(@dst,$.);
209
     } elsif (/^%<\/([^>]+)>/) {
210
       $linenum = pop(@dst);
211
212
       $conditions = pop(@dst);
       if ($1 ne $conditions) {
213
         if (\$conditions eq "DUMMY") {
214
           print "$ARGV: '</$1>' (1.$.) is not started.\n";
215
           push(@dst,"DUMMY");
216
           push(@dst,"000");
217
         } else {
218
           print "$ARGV: '<*$conditions>' (1.$linenum) is ended ";
219
           print "by '<*$1>' (1.$.)\n";
220
221
       }
222
223
     }
     if (/^% *\\begin\{verbatim\}/) { # check environments
224
225
       while(<>) {
           last if (/^% *\end_{verbatim});
226
227
     } elsif (/^% *\\begin\{([^{}]+)\}\{(.*)\}/) {
228
229
       push(@env,$1);
230
       push(@env,$.);
     } elsif (/^% *\\begin\{([^{}]+)\}/) {
231
232
       push(@env,$1);
       push(@env,$.);
233
     } elsif (/^% *\\end\{([^{\}]+)\\}/) {
234
       $linenum = pop(@env);
235
       $environment = pop(@env);
236
237
       if ($1 ne $environment) {
         if ($environment eq "DUMMY") {
238
           print "$ARGV: '\end{$1}' (1.$.) is not started.\n";
239
           push(@env,"DUMMY");
240
           push(@env,"000");
241
         } else {
242
           print "$ARGV: \\begin{$environement} (1.$linenum) is ended ";
243
           print "by \end{$1} (1.$.)\n";
244
245
246
       }
247
     }
248 }
249 $linenum = pop(@dst);
250 $conditions = pop(@dst);
251 while ($conditions ne "DUMMY") {
       print "$ARGV: '<*$conditions>' (1.$linenum) is not ended.\n";
252
253
       $linenum = pop(@dst);
254
       $conditions = pop(@dst);
```

```
255 }

256 $linenum = pop(@env);

257 $environment = pop(@env);

258 while ($environment ne "DUMMY") {

259     print "$ARGV: '\begin{$environment}' (1.$linenum) is not ended.\n";

260     $linenum = pop(@env);

261     $environment = pop(@env);

262 }

263 exit;

264 \( /plprog \)
```

# 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.

```
265 \langle *Xins \rangle
266 \setminus input docstrip
267 \keepsilent
268 {\catcode'#=12 \gdef\MetaPrefix{## }}
269 \declarepreamble\thispre
270 \endpreamble
271 \text{\label{limits}} 
272 \verb|\declarepostamble| this post|
273 \endpostamble
274 \text{\sc usepostamble\thispost}
275 \generate{
       \file{dstcheck.pl}{\from{platex.dtx}{plprog}}
       \file{mkpldoc.sh}{\from{platex.dtx}{shprog}}
277
278 }
279 \endbatchfile
280 (/Xins)
```

# References

- [1] 中野 賢『日本語 LATFX  $2\varepsilon$  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.
- [4] Haruhiko Okumura, pTEX and Japanese Typesetting The Asian Journal of TEX, Volume 2, No. 1, 2008. (http://ajt.ktug.org/2008/0201okumura.pdf)
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- [6] Donald E. Knuth. "*The T<sub>E</sub>Xbook*". Addison-Wesley, 1984. (邦訳:斎藤信男監修, 鷺谷好輝訳, T<sub>E</sub>X ブック 改訂新版, アスキー出版局, 1989)
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- [8] Laslie Lamport. "*PTEX: A Document Preparation System*". Addison-Wesley, 1986. (邦訳: 倉沢良一監修, 大野俊治・小暮博通・藤浦はる美訳, 文書処理システム IPTEX, アスキー, 1990)
- [9] Michel Goossens, Frank Mittelbach, Alexander Samarin. "The LATEX Companion". Addison-Wesley, 1994.
- [10] 河野 真治『入門 Perl』アスキー出版局, 1994

# Change History

1995/05/08 v1.0	2016/05/12 v1.0i
first edition	Undefine temporary command
1995/08/25 v1.0a	$\organsize$ organize in the end 4
Added 'Compatibility', 'Usage of	2016/05/20 v1.0j
DOCSTRIP' and 'References' 3	Add description of 'pfltrace' 6
1996/02/01 v1.0b	2016/05/21  v1.0k
Adjusted for the latest DOCSTRIP	Print also changes 1
(omake-sh.ins and	2016/06/19 v1.0l
omake-pl.ins 15	Get the patch level from
1997/01/23 v1.0c	plvers.dtx 11
Adjusted for the latest DOCSTRIP. 15	2016/08/26  v1.0m
Don't copy gind.ist and gglo.ist	Moved loading platex.cfg from
from	plcore.ltx to platex.ltx 4
\$TEXMF/tex/latex2e/base	2016/09/14 v1.0n
directory 12	Improved banner saving method 4
1997/01/25 v1.0c	2017/09/24 v1.0o
Add to filecontents environment	Allow negative patch level for
for pldoc.dic 8	pre-release
1997/01/29 v1.0c	2017/11/11 v1.0p
Rename pltpatch.ltx to	Moved banner saving code from
plpatch.ltx 11	platex.ltx to plcore.ltx 4
2016/01/27 v1.0d	2017/12/02 v1.0r
Add -e test before rm command . 12	English references added 3
Updated descriptions of pLATEX $2\varepsilon$	2017/12/05 v1.0s Moved loading default settings
files 6	from plcore.ltx to
2016/02/16  v1.0e	platex.ltx 4
Add a description of platexrelease 8	2018/02/07 v1.0t
2016/04/12 v1.0f	Moved ascmac package to separate
Update document 1	bundle 7
2016/05/07 v1.0g	2018/02/18 v1.0u
Save LATEX banner 4	Moved nidanfloat package to
2016/05/08 v1.0h	separate bundle 7
Exclude plpatch.ltx from the	2018/04/06 v1.0v
document	Sync with the latest source2e.tex 10