About pLaTeX 2_ε

Ken Nakano & Japanese TeX Development Community

Date: 2018/04/08

Attention:

This document provides a brief description of pLaTeX 2_ε, the Japanese extended version of LaTeX 2_ε. The original version of pLaTeX 2_ε ('ASCII pLaTeX 2_ε') was developed by ASCII MEDIA WORKS[1] (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_ε Community Edition.' It is now maintained by Japanese TeX Development Community[2].

pLaTeX is a Japanese LaTeX 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 pLaTeX 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 ε-pTeX (pTeX with ε-TeX 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[4]. The forked community

---

[1] http://ascii.asciimw.jp/pb/ptex/

[2] https://texjp.org

[3] There is another old implementation of Japanese LaTeX, called jLaTeX 2_ε (but not includeded in TeX Live). Also, MiKTeX has another program called 'platex,' but it has nothing to do with our Japanese pLaTeX!

[4] https://github.com/texjporg/platex

edition is different from the original ASCII edition, so any bug reports and requests should be sent to Japanese TeX 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 It is somewhat of a historical document now, since pLaTeX 2_ε came into existence in 1995 (although the English translation has been done by Japanese TeX Development Community since 2017). The detail of source codes are described separately in pldoc-en.pdf.

1   Introduction to this document

This document briefly describes pLaTeX 2_ε, but is not a manual of pLaTeX 2_ε. For the basic functions of pLaTeX 2_ε, 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 pLaTeX 2_ε or those of the original LaTeX 2_ε.

Appendix A Describes DOCSTRIP Options for this document.

Appendix B Description of 'pldoc.tex' (counterpart for 'source2e.tex' in LaTeX 2_ε).

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 pLaTeX 2_ε

The structure of pLaTeX 2_ε is similar to that of LaTeX 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 pLaTeX, 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
```

---

[5]Formerly 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 ⟨∗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
```

Load `plcore.ltx`.

```
5 \typeout{**************************^^J%
6          *^^J%
7          * making pLaTeX format^^J%
8          *^^J%
9          **************************}
10 \makeatletter
11 \input plcore.ltx
```

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

```
12 \InputIfFileExists{pldefs.cfg}
13          {\typeout{***********************************^^J%
14                  * Local config file pldefs.cfg used^^J%
15                  ***********************************}}%
16          {\input{pldefs.ltx}}
```

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.

```
17 %\the\everyjob
```

Load `platex.cfg` if it exists at runtime.

```
18 \everyjob\expandafter{%
19   \the\everyjob
20   \IfFileExists{platex.cfg}{%
21     \typeout{************************^^J%
22             * Loading platex.cfg.^^J%
23             ************************}%
24     \input{platex.cfg}}{}%
25 }
```

Dump to the format file.

```
26 \let\dump\orgdump
27 \let\orgdump\@undefined
```

```
28 \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`.[6] This file `pldefs.ltx` is also stripped from `plfonts.dtx`.

Attention:

You can customize pLaTeX 2$_\varepsilon$ 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 "2018-05-20") and the format name ("pLaTeX2e") of pLaTeX 2$_\varepsilon$ are defined in `plvers.dtx`.

2.1.2 NFSS2 Commands

LaTeX 2$_\varepsilon$ uses NFSS2 as a font selection scheme, however, it supports only alphabetic fonts. pLaTeX 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$_\varepsilon$.

---

[6] 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_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 2_ε 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 2_ε packages:

- plext.sty

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

- ptrace.sty

  pLaTeX 2_ε version of `tracefnt.sty`; the package `tracefnt.sty` overwrites pLaTeX 2_ε-style NFSS2 commands, so `ptrace.sty` provides redefinitions to recover pLaTeX 2_ε 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 2_ε and older versions or original LaTeX 2_ε.

3.1   Compatibility with LaTeX 2_ε

pLaTeX 2_ε is in most part upper 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.

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 typesetting pLaTeX 2_ε 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 typesetting pLaTeX 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).

First, create `pldoc.dic`; it serves as a dictionary for 'mendex' (Japanese index processor[7]), which is necessary for indexing control sequences containing Japanese characters (\ 西暦 and \ 和暦).

---

[7]Developed by ASCII Corporation; the program 'makeindex' 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 `jltxdoc` class; we also require `plext` package, since `plext.dtx` contains several examples of partial vertical writing.

```
37 \documentclass{jltxdoc}
38 \usepackage{plext}
39 \listfiles
40
```

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,%
51               \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}
58
```

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

```
59 \ifJAPANESE
60 \IndexPrologue{\part*{索 引}%
61                      \markboth{索 引}{索 引}%
62                      \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 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}%
77                   \markboth{変更履歴}{変更履歴}%
78                   \addcontentsline{toc}{part}{変更履歴}}
79 \else
80 \GlossaryPrologue{\part*{Change History}%
81                   \markboth{Change History}{Change History}%
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
 91                  \space\actualchar\generalname
 92               \else
 93                  \expandafter\@gobble
 94                  \saved@macroname\actualchar
 95                  \string\verb\quotechar*%
 96                  \verbatimchar\saved@macroname
 97                  \verbatimchar
 98               \fi
 99               :\levelchar #3}}%
100   \@tempa\endgroup\@esphack}
```

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
105                 \small
106                 \hfuzz 6pt\relax}
```

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}
118
119 % Get the date and patch level from plvers.dtx
120 \makeatletter
121 \let\patchdate=\@empty
122 \begingroup
123     \def\ProvidesFile#1\pfmtversion#2#3\ppatch@level#4{%
124         \date{#2}\xdef\patchdate{#4}\endinput}
125     \input{plvers.dtx}
126 \endgroup
127
128 % Add the patch version if available.
129 \def\Xpatch{0}
130 \ifx\patchdate\Xpatch\else
131 % number is assumed
132 \ifnum\patchdate>0
133   \edef\@date{\@date\space Patch level\space\patchdate}
134 \else
135   \edef\@date{\@date\space Pre-Release\patchdate}
136 \fi\fi
137 \makeatother
138
139 \pagenumbering{roman}
140 \maketitle
141 \renewcommand\maketitle{}
142 \tableofcontents
143 \clearpage
144 \pagenumbering{arabic}
145
146 \DocInclude{plvers}   % pLaTeX version
147
148 \DocInclude{plfonts}  % NFSS2 commands
149
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
159
160 \DocInclude{jltxdoc}  % dtx documents class
161
```

Stop here if `ltxdoc.cfg` says `\AtEndOfClass{\OnlyDescription}`.

```
162 \StopEventually{\end{document}}
163
```

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{--}
176   \catcode'\-\active
177   \def-{\futurelet\temp\indexdash}
178   \def\indexdash{\ifx\temp-\endash\fi}
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 ⟨*shprog⟩
187 ⟨ja⟩rm -f pldoc.toc pldoc.idx pldoc.glo
188 ⟨en⟩rm -f pldoc-en.toc pldoc-en.idx pldoc-en.glo
```

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

```
189 echo "" > ltxdoc.cfg
```

Now process `pldoc.tex`.

```
190 ⟨ja⟩platex pldoc.tex
191 ⟨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 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 LaTeX 2_ε.

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.)

```
192 ⟨ja⟩mendex -s gind.ist -d pldoc.dic -o pldoc.ind pldoc.idx
193 ⟨en⟩mendex -s gind.ist -d pldoc.dic -o pldoc-en.ind pldoc-en.idx
194 ⟨ja⟩mendex -f -s gglo.ist -o pldoc.gls pldoc.glo
195 ⟨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.

```
196 echo "\includeonly{}" > ltxdoc.cfg
197 ⟨ja⟩platex pldoc.tex
198 ⟨en⟩platex -jobname=pldoc-en pldoc.tex
```

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

```
199 echo "" > ltxdoc.cfg
200 ⟨ja⟩platex pldoc.tex
201 ⟨en⟩platex -jobname=pldoc-en pldoc.tex
202 # EOT
203 ⟨/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.

```
204 ⟨*plprog⟩
205 ##
206 ## DOCSTRIP 文書内の環境や条件の入れ子を調べる perl スクリプト
207 ##
```

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

14

```
255 while ($conditions ne "DUMMY") {
256     print "$ARGV: '<*$conditions>' (l.$linenum) is not ended.\n";
257     $linenum = pop(@dst);
258     $conditions = pop(@dst);
259 }

260 $linenum = pop(@env);
261 $environment = pop(@env);
262 while ($environment ne "DUMMY") {
263     print "$ARGV: '\\begin{$environment}' (l.$linenum) is not ended.\n";
264     $linenum = pop(@env);
265     $environment = pop(@env);
266 }
267 exit;
268 ⟨/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.

```
269 ⟨*Xins⟩
270 \input docstrip
271 \keepsilent

272 {\catcode'\#=12 \gdef\MetaPrefix{## }}

273 \declarepreamble\thispre
274 \endpreamble
275 \usepreamble\thispre

276 \declarepostamble\thispost
277 \endpostamble
278 \usepostamble\thispost

279 \generate{
280     \file{dstcheck.pl}{\from{platex.dtx}{plprog}}
281     \file{mkpldoc.sh}{\from{platex.dtx}{shprog,ja}}
282     \file{mkpldoc-en.sh}{\from{platex.dtx}{shprog,en}}
283 }
284 \endbatchfile
285 ⟨/Xins⟩
```

15

References

[1] 中野 賢 『日本語 LaTeX 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 TeX』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 TeX 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`)

[5] Hisato Hamano, Vertical Typesetting with TeX. TUGboat issue 11:3, 1990.
(`https://tug.org/TUGboat/tb11-3/tb29hamano.pdf`)

[6] Donald E. Knuth. "*The TeXbook*". Addison-Wesley, 1984. (邦訳：斎藤信男監修, 鷺谷好輝訳, TeX ブック 改訂新版, アスキー出版局, 1989)

[7] Laslie Lamport. "*LaTeX: A Document Preparation System*". Addison-Wesley, second edition, 1994.

[8] Laslie Lamport. "*LaTeX: 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 LaTeX, 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