

# jlreq

## 1 What is this?

This package provides the class file and JFM (Japanese font metric) files for LuaTeX-ja / pLaTeX / upLaTeX. This aims to implement [Requirements for Japanese Text Layout](#).

## 2 Installation

Run `make` to generate JFM files. Move the files as follows:

- \*.tfm -> \$TEXMF/fonts/tfm/public/jlreq
- \*.vf -> \$TEXMF/fonts/vf/public/jlreq
- jfm-jlreq.lua, jfm-jlreqv.lua, jfm-jlreq-jidori.lua jfm-jlreqv-jidori.lua -> \$TEXMF/tex/luatex/jlreq
- jlreq.cls, jlreq-helpers.sty -> \$TEXMF/tex/latex/jlreq

The other way to install is just to run `make install`. It will install all files in \$TEXMFHOME.

## 3 Usage

See [jlreq-ja.pdf](#) (in Japanese).

## 4 LICENSE

This package is distributed under the BSD 2-Clause License. See [LICENSE](#).

## 5 CHANGELOG

- 2017-02-08
  - First release.
- 2017-02-17
  - Fixed bugs.
  - Implement `abstract` environment.
  - Changed/Added some keys to class option `\jlreqsetup`
  - Stopped to load `pxrubirica`, `luatexja-ruby` and `nidanfloat`.
- 2017-03-14
  - Fixed bugs.
  - `\sffamily` etc. also change the Japanese font family.
  - Added many options to `\DeclareBlockHeading`.
  - Some options related to `quote` environment etc.

- 2017-03-20
  - Fixed bugs.
  - Insert some spaces around `\footnote` / `\sidenote` / `\endnote`.
- 2017-04-04
  - Fixed a bug.
  - Added options `tate` and `font` to `\DeclarePageStyle`.
- 2017-04-29
  - Fixed bugs.
  - Added `jafontsize` and `jfontscale` options and `\jafontsize`.
  - Added `\tatechuyoko`.
  - `jlreq_warnings` -> `jlreq_notes` (class option).
  - Moved some class options to `\jlreqsetup`.
  - Added some options to `\jlreqsetup`.
  - `paper={<height>,<width>}` -> `paper={<width>,<height>}`.
- 2017-06-11
  - Stopped to load `plext` and `lltjext`.
  - Added `align` to `\DeclareBlockHeading` and delete `indent=center`, `end_indent=center`.
  - Changed `\kcatcode` for some characters (upLaTeX).
- 2017-08-13
  - Added `column_spanning` to `\DeclareBlockHeading`.
  - Sidenotes are a part of the main text now.
  - Changed the default length of sidenotes to 0.
  - `jlreq` does not define `\sidenote` if the length for sidenotes is zero.
  - Added a command for the full-width ideographic space.
- 2017-08-29
  - Fixed a bug.
- 2017-11-23
  - Fixed bugs.
  - Added `\SetBlockHeadingSpaces`.
  - Removed a space from `\contentsname` and `\indexname`.
- 2017-12-02
  - Fixed bugs.
- 2017-12-22
  - Improved JFM.
  - Change the way to detect `\label` between block headings.
  - Added chapter number to `\theequation`, `\thefigure`, `\thetable`.
- 2018-02-01

- Sidenotes appears only odd pages in `tate` mode.
- Added `\fnfixbottomtrue` for LuaLaTeX.
- Added some options related to captions.
- Extended `itemization_beforeafter_space`.
- Fixed bugs.
- 2018-04-11
  - Sidenotes (`\footnote`) appears in the second column in `tate` mode.
  - Added options `begin_width_(odd|even)_page` to `\DeclareBlockHeading`.
  - Changed `\labelenumi` as in `jarticle` etc.
  - Fix a bug on `column_gap` class option.
  - Added `mark_format` to `\DeclarePageStyle`.
- 2018-05-19
  - Made the width of the label in the table of contents longer.
  - Moved some macros to `jlreq-helpers.sty`
  - Fixed bugs.
- 2018-06-17
  - Gothic font is attached to font shape 'b'.
  - Fixed bugs.
- 2018-08-08
  - Added `nombre_ii` etc. to `\DeclarePageStyle`.
  - Fixed bugs.
  - Added `footnote_second_indent` and `endnote_second_indent` to `\jlreqsetup`.
- 2018-08-15
  - Fixed bugs.
- 2018-09-01
  - `jlreq` works with unusual `\mag`.
  - Fixed bugs.
- 2018-12-10
  - Added `number=[true/false]` to `\New***Heading`.
  - Added options for `\frontmatter` etc in `\jlreqsetup`.
  - Made `\jlreqHeadingLabel` etc available in `format` in `\NewTobiraHeading` and `\NewBlockHeading`.
  - Fixed bugs.
- 2019-01-15
  - Added `nombre_font` etc to `\NewPageStyle`. `font` is deprecated.
  - `format` without `#1` is allowed in `\NewBlockHeading`.
  - Extended `caption_label_format` etc. in `\jlreqsetup`.

- Fixed bugs.
- 2019-04-01
  - Added `use_reverse_pagination` to the class option.
  - Stopped to use `zref` package.
  - New regnal year.
  - Fixed bugs.
- 2019-05-07
  - Added a small length to `\textwidth` and `\textheight`.
  - Changed the implementation of `running_head_ii` etc. in `\DeclarePageStyle`.
  - Fixed bugs.
- 2019-09-24
  - Deleted the (re-)definitions of `\@cite` and `\@biblabel`.
  - Added `\allowbreak` before block headings.
  - Fixed bugs.
- 2020-02-07
  - Changed the default value of `itemization_label_length` to `\leftmargini` etc.
  - Removed the redefinitions `\rmfamily` etc and added a code to `\@rmfamilyhook`.
  - Changed `\parskip` to `0pt`.
  - Fixed bugs.
- 2020-05-01
  - Added `theorem_label_font` and `theorem_font` to `\jlreqsetup`.
  - Fixed bugs.
- 2020-09-27
  - Added `*`-version of `\tatechuyoko`.
  - Fixed bugs.
- 2020-12-29
  - `fontsize` etc. with LuaLaTeX accept H.
  - Added `\jidori`.
  - Fixed bugs.
- 2021-03-17
  - Use the pagestyle `plain` at `\maketitle` if the current one is not empty
  - Removed JFM glue after `\item`.
  - Removed JFM glue after block headings.
  - Fixed bugs.
- 2021-05-28
  - Extended `caption_align` in `\jlreqsetup`.
  - Removed some `\ifthenelse`.

- 2021-07-22
  - Stopped to use `\IfHookExistsTF`.
  - Added `\akigumi`.
  - Stopped to load packages `xkeyval` and `ifthen`.
  - It has more compatibility with `expl3`.
  - Added `pagestyle` to `\DeclareBlockHeading`.
  - Fixed bugs.
- 2021-07-25
  - Load `ifthen` again. (Only for `Re:VIEW`, will be removed in future.)
  - Fixed bugs.
- 2021-08-12
  - Removed the direct dependence on `etoolbox` package.
  - Fixed a bug.
- 2021-10-09
  - Fixed bugs.
- 2021-11-05
  - `paper=b*` is regarded as a ISO series.
  - Removed many codes relating with LaTeX hooks mechanism (because it seems not stable.)
  - Removed `\RequirePackage{ifthen}`.
  - Removed `\kcatcodesettings` with `upLaTeX`.
- 2022-04-05
  - Added `warichu_opening` and `warichu_closing` to `\jlrreqsetup`.
  - Change a little bit penalties around block heading.
  - Fixed a bug: `\selectfont` after `\DeclareFontShape` raised an error.
  - Fixed a bug: `use_reverse_pagination` did not work.
  - Fixed a bug: A second running head disappeared sometimes.
  - Rewrote `\DeclarePageStyle`.
  - Deleted `\@makefntext`, define `\@makefntext` directly.
  - Fixed other bugs.
- 2022-04-11
  - Fixed a bug.
- 2022-07-13
  - Fixed a bug: The position of running heads were not correct.
- 2022-11-28
  - Fixed a bug: did not register to running head when `\SetBlockHeadingSpaces` is used.
  - Fixed a bug: wrong papersize for ISO C4.

- Added a package `jlreq-complements`
- Fixed some other bugs and adjust with some other packages.
- 2023-03-05
  - Fixed a bug on cutin headings.
- 2023-06-19
  - Stopped to load ‘everyhook’ package LuaLaTeX (it was not compatible with the document).
  - Fixed a bug: a space before ‘enumerate’ environment was not inserted sometimes.
  - Fixed a bug on `use_reverse_pagination`.

---

Noriyuki Abe <https://github.com/abenori/jlreq>