

La L E T T R E G U T e n b e r g

Support for the newsletter “La Lettre GUTenberg”

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Avez-vous pensé à régler votre cotisation ?

Si vous avez oublié, ce n'est ni trop tard ni difficile :
<https://www.gutenberg-asso.fr/?Adherer-en-ligne>

GUTenberg

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Identification

```

1 % This is file `letgut.cls',
2 % generated with the Emacs Org-babel utility.
3 %
4 % The original source file is letgut.org
5 %
6 % -----:| -----
7 % letgut:| Class for the newsletter "La Lettre GUTenberg"
8 % Author:| Association GUTenberg
9 % E-mail:| secretariat@gutenberg-asso.fr
10 % License:| Released under the LaTeX Project Public License
11 %          | v1.3c or later
12 % See:| http://www.latex-project.org/lppl.txt
13 %
14 % Copyright (C) 1994-2026 by Association GUTenberg
15 %          <secretariat@gutenberg-asso.fr>
16 %
17 % This work may be distributed and/or modified under the
18 % conditions of the LaTeX Project Public License (LPPL), either
19 % version 1.3c of this license or (at your option) any later
20 % version. The latest version of this license is in the file:
21 %
22 % http://www.latex-project.org/lppl.txt
23 %
24 % This work is "maintained" (as per LPPL maintenance status)
25 % by Association GUTenberg.
26 %

```

Implementation

These document classes can only be used with L^AT_EX 2_ε, so we make sure that an appropriate message is displayed when another T_EX format is used.

```

1 \NeedsTeXFormat{LaTeX2e}[2020-10-01]

We define some constant token lists immediately useful.

1 \ExplSyntaxOn
2 \tl_const:Nn \c__letgut_Lettre_plain_tl { Lettre }
3 \tl_const:Nn \c__letgut_Lettre_tl { \emph{ \c__letgut_Lettre_plain_tl }
  }
4 \tl_const:Nn \c__letgut_Lettres_tl {
5   \c__letgut_Lettre_tl \emph{ s }
6 }
7 \tl_const:Nn \c__letgut_gutenberg_tl { GUTenberg }
8 \tl_const:Nn \c__letgut_association_tl { association }
9 \tl_const:Nn \c__letgut_Lettre_gutenberg_plain_tl {
10   \c__letgut_Lettre_plain_tl~\c_space_tl \c__letgut_gutenberg_tl
11 }
12 \tl_const:Nn \c__letgut_Lettre_gutenberg_tl {
13   \c__letgut_Lettre_tl~\c_space_tl \c__letgut_gutenberg_tl
14 }
15 \tl_const:Nn \c__letgut_la_lettre_gutenberg_plain_tl {
16   la~ \c__letgut_Lettre_gutenberg_plain_tl

```

```

17 }
18 \ExplSyntaxOff

Now, we can announce the class name and its version :
1 \ProvidesExplClass{letgut}
2 {2026-02-16}
3 {0.9.14}
4 {
5   Class for the newsletter "The GUTenberg Letter"
6 }

```

Messages

We specify the messages come from a class, which is letgut (see <https://github.com/latex3/latex3/issues/887>).

```
1 \prop_gput:Nnn \g_msg_module_type_prop { letgut } { Class }
```

Some messages are declared for future use.

```

1 \msg_new:nnn{letgut}{Wrong~engine}{
2   The~ letgut~ class~ requires~ LuaTeX.\\\
3   You~ must~ change~ your~ typesetting~ engine~ to~
4   "lualatex"~ instead~ of~ "latex"~ or~ "pdflatex"
5   or~ "xelatex".
6 }
7 \msg_new:nnn{letgut}{Existing~command}{
8   The~ command~ \c_backslash_str \text_lowercase:n{#1}~
9   already~ exists~ and~ has~ not~ be~ overwritten~ by~
10  \token_to_str:N \letgutacro{#1}{...}.~
11  The~ corresponding~ acronym~ has~ to~ be~ used~ e.g.~
12  like~ this:~
13  \token_to_str:N \ac{ \text_lowercase:n{#1} }.
14 }
15 \msg_new:nnn{letgut}{Not~month~iso~date}{
16  The~ supplied~ date~("#1")~ isn't~ at~ the~ month~ iso~
17  date~ format~ (YYYY-MM):~ it~ will~ be~ printed~ as~
18  it~ is.
19 }
20 \msg_new:nnn{letgut}{Banner~file~not~provided}{
21  No~ '\c__letgut_banner_file_tl.pdf'~ file~ provided:~
22  the~ banner~ will~ be~ automatically~ created.
23 }
24 \msg_new:nnn{letgut}{Editorial~file~missing}{
25  File~ '\c__letgut_editorial_file_tl.tex'~missing!~
26  The~ editorial~ will~ be~ missing.
27 }
28 \msg_new:nnn{letgut}{Informations~file~missing}{
29  File~ '\c__letgut_informations_gutenberg_file_tl.tex'~
30  missing!~ The~ informations~ about~
31  \c__letgut_gutenberg_tl\c_space_tl~ will~ be~ missing.
32 }
33 \msg_new:nnn{letgut}{pagecolor~inoperative~with~paper~option}{
34  The~ 'pagecolor=#1'~ option~ is~ inoperative~ with~ the~ 'paper'~
35  option:~ the~ color~ of~ the~ page~ will~ remain~ white.

```

```

36 }
37 \msg_new:nnn{letgut}{frontcover-missing}{
38   You~ didn't~ use~ the~ `frontcover`~ option~ for~ the~
39   bookreview~ "#1",~ so~ the~ book~ cover~image~ will~ be~ missing:~
40   are~ you~ sure?
41 }
42 \msg_new:nnn{letgut}{frontcover-file-not-found}{
43   The~ book~ cover~ image~ `#2`~ you~ specified~ via~ the~
44   `frontcover`~ option~ for~ the~ bookreview~ "#1"~ cannot~ be~ found.
45 }

```

Engine checking

```

1 \sys_if_engine luatex:F {
2   \msg_fatal:nn{letgut}{Wrong~engine}
3 }

```

Declarations

1. Scratch variables

```

1 \bool_new:N \g__letgut_tmpa_bool
2 \bool_new:N \l__letgut_tmpa_bool
3 \box_new:N \l__letgut_tmpa_box
4 \box_new:N \l__letgut_tmpb_box
5 \clist_new:N \l__letgut_tmpa_clist
6 \seq_new:N \l__letgut_tmpa_seq
7 \seq_new:N \l__letgut_tmpb_seq
8 \str_new:N \l__letgut_tmpa_str
9 \tl_new:N \l__letgut_tmpa_tl
10 \tl_new:N \l__letgut_tmpb_tl

```

Booleans

— For testing the emptiness of the title.

```
1 \bool_new:N \g__letgut_title_empty_bool
```

— For the paper (or not) output.

```
1 \bool_new:N \g__letgut_paper_bool
```

— For testing whether we currently are in a footnote or not.

```
1 \bool_new:N \l__letgut_in_footnote_bool
```

— For testing whether we currently ask the draft or the final version.

```
1 \bool_new:N \g__letgut_draft_bool
```

— For the included files to (not) be attached.

```
1 \bool_new:N \g__letgut_included_files_attached_bool
```

— For the acronym definitions file to (not) be attached.

```
1 \bool_new:N \g__letgut_acronyms_file_attached_bool
```

— For the listings language file to (not) be attached.

```
1 \bool_new:N \g__letgut_lstlanguage_file_attached_bool
```

— For the “for readers” versus “for authors” versions.

```
1 \bool_new:N \g__letgut_for_readers_bool
```

Dimensions

— Geometry of the document

```

1 \dim_const:Nn \c__letgut_textheight_dim { 25cm }
2 \dim_const:Nn \c__letgut_textwidth_dim { 14cm }
3 \dim_const:Nn \c__letgut_lmargin_dim { 5cm }
4 \dim_const:Nn \c__letgut_tmargin_dim { 2.92cm }
5 % \dim_const:Nn \c__letgut_tmargin_dim { 3cm }
6 \dim_const:Nn \c__letgut_head_dim { 0.6cm }
7 \dim_const:Nn \c__letgut_headsep_dim { 0.82cm }
8 % \dim_const:Nn \c__letgut_headsep_dim { 0.9cm }
9 \dim_const:Nn \c__letgut_marginparwidth_dim { 3.74cm }

```

— Horizontal offset of the headers and the sections titles :

```

1 \dim_const:Nn \c__letgut_hoffset_dim { 3cm }
2 \dim_const:Nn \c__letgut_title_hoffset_dim {
3   -\c__letgut_hoffset_dim
4 }
5 \dim_const:Nn \c__letgut_subtitle_hoffset_dim {
6   \c__letgut_title_hoffset_dim
7 }
8 \dim_const:Nn \c__letgut_section_hoffset_dim {
9   \c__letgut_title_hoffset_dim + 1cm
10 }
11 \dim_const:Nn \c__letgut_subsection_hoffset_dim {
12   \c__letgut_title_hoffset_dim + 1.5cm
13 }
14 \dim_const:Nn \c__letgut_subsubsection_hoffset_dim {
15   \c__letgut_title_hoffset_dim + 2cm
16 }
17 \dim_const:Nn \c__letgut_paragraph_hoffset_dim {
18   \c__letgut_title_hoffset_dim + 2.5cm
19 }
20 \dim_const:Nn \c__letgut_subparagraph_hoffset_dim {
21   \c__letgut_title_hoffset_dim + 3cm
22 }

```

— Distance between the baseline of the header text and the decorative line :

```

1 \dim_const:Nn \c__letgut_head_rule_skip_dim { 0.115cm }

```

— Head rule width :

```

1 \dim_const:Nn \c__letgut_head_rule_width_dim { 0.03cm }

```

— Dimensions of the banner.

— Thickness of the “L”.

```

1 \dim_const:Nn \c__letgut_banner_thickness_dim { 4cm }

```

— Height of the “L” (that of the text area plus 3cm).

```

1 \dim_const:Nn \c__letgut_banner_height_dim {
2   \c__letgut_textheight_dim
3   +
4   3cm
5 }

```

— Height of the membership reminder box.

```

1 \dim_new:N \g__letgut_membership_reminder_box_height_dim

```

— Horizontal space for the frontcover in the margin in book reviews.

```

1 \dim_const:Nn \c__letgut_bookreview_frontcover_margin_sep_dim {
2   4mm
3 }

```

— Dimensions used by the listings and the examples.

```

1 \dim_const:Nn \c__letgut_height_mentions_dim { 5mm }
2 \dim_const:Nn \c__letgut_from_left_boundingbox_to_text_dim { 5.5mm }
3 \dim_const:Nn \c__letgut_number_offset_dim { 1mm }
4 \dim_const:Nn \c__letgut_number_sep_dim {
5   \c__letgut_from_left_boundingbox_to_text_dim
6   +
7   \c__letgut_number_offset_dim
8 }

```

Skips (lengths with rubber components)

The following skips, borrowed from the standard classes, are specified in `ex` unit, which depends on the font used and hence have to be specified after the class has been loaded; in fact, we postpone this at the end of the preamble, when the font is specified (thanks to `\setmainfont`).

```

1 \hook_gput_code:nnn { begindocument/before } { . }{%

```

Before and after :

— “titles titles” :

```

1 \skip_const:Nn \c__letgut_before_title_title_skip
2 {
3   3.5ex plus 1ex minus .2ex
4 }
5 \skip_const:Nn \c__letgut_after_title_title_skip
6 {
7   2.3ex plus .2ex
8 }

```

— subtitles titles :

```

1 \skip_const:Nn \c__letgut_before_subtitle_title_skip
2 {
3   \c__letgut_before_title_title_skip
4 }
5 \skip_const:Nn \c__letgut_after_subtitle_title_skip
6 {
7   \c__letgut_after_title_title_skip
8 }

```

— sections titles :

```

1 \skip_const:Nn \c__letgut_before_section_title_skip
2 {
3   3.25ex plus 1ex minus .2ex
4 }
5 \skip_const:Nn \c__letgut_after_section_title_skip
6 {
7   1.5ex plus .2ex
8 }

```

— subsections titles (identical to the sections ones) :

```

1  \skip_const:Nn \c__letgut_before_subsection_title_skip
2  {
3    \c__letgut_before_section_title_skip
4  }
5  \skip_const:Nn \c__letgut_after_subsection_title_skip
6  {
7    \c__letgut_after_section_title_skip
8  }
— paragraphs titles :
1  \skip_const:Nn \c__letgut_before_subsubsection_title_skip
2  {
3    1.5ex plus .5ex minus .2ex
4  }
5  \skip_const:Nn \c__letgut_after_subsubsection_title_skip
6  {
7    0.75ex plus 0.1ex
8  }
— paragraphs titles (identical to the subsubsection ones) :
1  \skip_const:Nn \c__letgut_before_paragraph_title_skip
2  {
3    \c__letgut_before_subsubsection_title_skip
4  }
5  \skip_const:Nn \c__letgut_after_paragraph_title_skip
6  {
7    \c__letgut_after_subsubsection_title_skip
8  }
— subparagraphs titles (identical to the paragraph ones) :
1  \skip_const:Nn \c__letgut_before_subparagraph_title_skip
2  {
3    \c__letgut_before_paragraph_title_skip
4  }
5  \skip_const:Nn \c__letgut_after_subparagraph_title_skip
6  {
7    \c__letgut_after_paragraph_title_skip
8  }

```

We close the `\hook_gput_code:nmn { begindocument/before } { . }` argument.

```
1  }
```

Integers

```

1  \int_new:N \g__letgut_ltx_example_int
2  \int_new:N \g__letgut_number_int

```

Strings

```

1  \str_new:N \g__letgut_label_ltx_example_str
2  \str_new:N \g__letgut_callout_label_ltx_example_str
3  \str_new:N \g__letgut_@title_str
4  \str_const:Nn \c__letgut_label_ltx_example_str {
5    __letgut_label_ltx_example
6  }
7  \str_const:Nn \c__letgut_callout_label_ltx_example_str {
8    __letgut_callout_label_ltx_example
9  }

```



```

10 \str_const:Nn \c__letgut_plus_str { + }
11 \str_const:Nn \c__letgut_minus_str { - }
12 \str_const:Nn \c__letgut_dot_str { . }

```

Token lists

1. Constant ones

```

1 \tl_const:Nn \c__letgut_online_issn_tl {
2   2742-6149~ (version~ numérique)
3 }
4 \tl_const:Nn \c__letgut_paper_issn_tl {
5   -12572217~ (version~ papier)
6 }
7 \tl_const:Nn \c__letgut_liste_gut_tl { liste~ GUT }
8 \tl_const:Nn \c__letgut_cahier_tl { \emph{ Cahier } }
9 \tl_const:Nn \c__letgut_cahiers_tl { \emph{ Cahiers } }
10 \tl_const:Nn \c__letgut_gnu_linux_tl { \software{GNU/Linux} }
11 \tl_const:Nn \c__letgut_macOS_tl { \software{macOS} }
12 \tl_const:Nn \c__letgut_windows_tl { \software{Windows} }
13 \tl_const:Nn \c__letgut_package_tl { package }
14 \tl_const:Nn \c__letgut_class_tl { classe }
15 \tl_const:Nn \c__letgut_file_tl { fichier }
16 \tl_const:Nn \c__letgut_software_tl { logiciel }
17 \tl_const:Nn \c__letgut_tugboat_tl { \emph{ TUGboat } }
18 \tl_const:Nn \c__letgut_dtk_tl { la~ \emph{\TeX}{nische~ Komödie} }
19 \tl_const:Nn \c__letgut_tex_live_tl {
20   \hologo{ TeX }\nobreakspace Live
21 }
22 \tl_const:Nn \c__letgut_banner_file_tl { bandeau }
23 \tl_const:Nn \c__letgut_editorial_file_tl { editorial }
24 \tl_const:Nn \c__letgut_informations_gutenberg_file_tl {
25   informations-gut
26 }
27 \tl_const:Nn \c__letgut_acronyms_file_tl { letgut-acronyms }
28 \tl_const:Nn \c__letgut_local_config_file_tl { localconf }
29 \tl_const:Nn \c__letgut_pre_documentclass_file_tl {
30   pre-documentclass }
31 \tl_const:Nn \c__letgut_lstlanguage_file_tl { letgut-lstlang.sty }
32 \tl_const:Nn \c__letgut_contents_name_tl { Sommaire }
33 \tl_const:Nn \c__letgut_draftwatermark_text_tl {
34   \textnormal{Brouillon}
35 }
36 \tl_const:Nn \c__letgut_membership_reminder_tl {
37   {\LARGE
38     \bfseries
39     Avez-vous~ pensé~ à~ régler~ votre~ cotisation~ ?
40     % \the\year~ ?
41     \par
42     \medskip
43     Si~ vous~ avez~ oublié,~ ce~ n'est~ ni~ trop~ tard~
44     ni~ difficile~ :
45     \par

```

```

46   \url{https://www.gutenberg-asso.fr/?Adherer-en-ligne}
47   \bool_if:NT \g__letgut_informations_bool {
48     \file_if_exist:nT
49     {./\c__letgut_informations_gutenberg_file_tl}{
50       \par
51       Voir~ aussi~ page~ \pageref{letgut_label_adhesions}.
52     }
53   }
54 }
55 \tl_const:Nn \c__letgut_missing_editorial_tl {
56   Ne~ pas~ omettre~ l'éditorial~ !\!(à~ faire~ figurer~
57   dans~ un~ \file*{\c__letgut_editorial_file_tl.tex}~
58   dans~ le~ dossier~ courant)
59 }
60 \tl_const:Nn \c__letgut_missing_infomations_tl {
61   Ne~ pas~ omettre~ les~ informations~ sur~
62   \c__letgut_gutenberg_tl{}~ !\!(dans~ un~
63   \file*{\c__letgut_informations_gutenberg_file_tl.tex}~
64   situé~ soit~ dans~ le~ dossier~ courant, soit~ dans~ le~
65   dossier~ parent)
66 }
67 \tl_const:Nn \c__letgut_default_alert_box_color_tl {
68   gray9
69 }
70 \tl_const:Nn \c__letgut_default_allcolors_links_color_tl
71 {
72   teal!60!black
73 }
74 \tl_const:Nn \c__letgut_attachment_icon_tl
75 {
76   \color{black}\tiAttachmentOutline
77 }

```

2. Variables ones

```

1   \tl_new:N \g__letgut_mark_tl
2   \tl_new:N \g__letgut_title_tl
3   \tl_new:N \l_letgut_last_name_tl
4   \tl_new:N \l_letgut_first_name_tl
5   \tl_new:N \l_letgut_title_tl
6   \tl_new:N \l__letgut_title_addon_tl
7   \tl_new:N \l__letgut_reference_text_tl
8   \tl_new:N \g__letgut_effective_acronyms_file_tl
9   \tl_new:N \l__letgut_toc_title_announce_tl
10  \tl_new:N \l__letgut_toc_color_announce_tl
11  \tl_new:N \g__letgut_current_article_filename_tl

```

Comma separated lists

```

1   \clist_new:N \g__letgut_pagecolor_clist
2   \clist_const:Nn \c__letgut_default_pagecolor_screen_clist
3   {1.0, 0.98, 0.94}
4   \clist_const:Nn \c__letgut_default_pagecolor_paper_clist
5   {1, 1, 1}

```

Sequences

- ```

1 \seq_new:N \g__letgut_included_files_seq
2 \seq_new:N \g__letgut_added_bib_resources_seq

```

**Boxes**

- ```

1 \box_new:N \l__letgut_space_box

```

Streams

- ```

1 \iow_new:N \g__letgut_etocsetlevel_by_article_iow

```

**Class options**

We define the 2 load time options for the target audience :

- for-readers (the default), for the “normal” “Lettre”,
- for-authors, (only) the author(s) of an article of the “Lettre”.

**Date handling**

```

1 \int_new:N \g__letgut_date_month_int
2 \int_new:N \g__letgut_date_year_int
3
4 \int_gset:Nn \g__letgut_date_month_int {\the\month}
5 \int_gset:Nn \g__letgut_date_year_int {\the\year}
6
7 \tl_new:N \g__letgut_date_month_tl
8 \tl_new:N \g__letgut_date_tl
9
10 \cs_new_protected:Npn __letgut_date_parse:n #1
11 {
12 __letgut_if_is_iso_date:nTF {#1}
13 {
14 __letgut_date_parse:www #1 \q_stop
15 }{
16 \msg_term:nnn{letgut}{Not~month~iso~date}{#1}
17 \tl_gset:Nn \g__letgut_date_tl { #1 }
18 }
19 }
20
21 \prg_new_protected_conditional:Npnn
22 __letgut_if_is_iso_date:n #1 { TF }
23 {
24 \tl_if_regex_match:nnTF {#1} { ^\d{4}-(\d{1,2}) }
25 { \prg_return_true: }
26 { \prg_return_false: }
27 }
28
29 \prg_new_protected_conditional:Npnn
30 __letgut_if_is_int:n #1 { TF }
31 {
32 \tl_if_regex_match:nnTF {#1} { ^[\+|-]?[\d]+$ }
33 { \prg_return_true: }
34 { \prg_return_false: }
35 }
36

```

```

37 \cs_new_protected:Npn __letgut_month_name:n #1
38 {
39 % \text_titlecase_first:n {
40 \int_case:nnF
41 { #1 }
42 {
43 { 1 }{ janvier }
44 { 2 }{ février }
45 { 3 }{ mars }
46 { 4 }{ avril }
47 { 5 }{ mai }
48 { 6 }{ juin }
49 { 7 }{ juillet }
50 { 8 }{ août }
51 { 9 }{ septembre }
52 { 10 }{ octobre }
53 { 11 }{ novembre }
54 { 12 }{ décembre }
55 }
56 { Month~ Error! }
57 % }
58 }
59
60 \cs_new_protected:Npn __letgut_date_parse:www #1-#2
61 \q_stop
62 {
63 \int_compare:nTF
64 {
65 \the\year <= #1 <= \the\year+1
66 }{
67 \int_gset:Nn \g__letgut_date_year_int {#1}
68 }{
69 \int_gset:Nn \g__letgut_date_year_int {\the\year}
70 }
71 __letgut_if_is_int:nTF {#2}
72 {
73 \int_compare:nTF
74 {
75 1 <= #2 <= 12
76 }
77 {
78 \int_gset:Nn \g__letgut_date_month_int {#2}}
79 {
80 \int_gset:Nn \g__letgut_date_month_int {\the\month}}
81 }{
82 \int_gset:Nn \g__letgut_date_month_int {\the\month}
83 }
84 \tl_gset:Nn \g__letgut_date_month_tl {
85 __letgut_month_name:n { \g__letgut_date_month_int }
86 }
87 \tl_gset:Nn \g__letgut_date_tl {
88 \tl_use:N \g__letgut_date_month_tl
89 \c_space_tl
90 \int_use:N \g__letgut_date_year_int

```

```

14 }
15 }

```

## Class and package loading

The class `letgut` is based on the `article` class. It is by default two sided because of the alternating headers, and will by typeset with 11pt as global font size.

```
1 \LoadClass[twoside, 11pt]{article}
```

We now load some packages.

— The classe `letgut` will have to be used with LuaLaTeX. Hence the font selection package for XeLaTeX and LuaLaTeX.

```
1 \RequirePackage{fontspec}
```

— For subliminal refinements towards typographical perfection.

```
1 \RequirePackage[
2 , stretch=30
3 , shrink=25
4 , letterspace=150
5]{microtype}
```

— Help in implementing paragraph layouts where the paragraphs are separated by a vertical space instead of (or in addition to) indenting them.

```
1 \RequirePackage{parskip}
```

— Extensive control of page headers and footers in  $\LaTeX 2_{\epsilon}$ .

```
1 \RequirePackage{fancyhdr}
```

— Flexible and complete interface to document dimensions.

```
1 \RequirePackage[a4paper]{geometry}
```

— Enhanced support for graphics.

```
1 \RequirePackage{graphicx}
```

— Biolinum font.

```
1 \RequirePackage{biolinum}
```

— Extending the array and tabular environments.

```
1 \RequirePackage{array}
```

— Completely customisable TOCs.

```
1 \RequirePackage{etoc}
```

— Font containing a set of web-related icons.

```
1 \RequirePackage{typicons}
```

— Control layout of itemize, enumerate, description, and design our own lists.

```
1 \RequirePackage{enumitem}
```

— Select alternative section titles.

```
1 \RequirePackage{titlesec}
```

— Driver-independent color extensions.

```
1 \RequirePackage[table]{xcolor}
```

— Several logos and ornaments.

```
1 \RequirePackage{fourier-orns}
```

— Drawing of Vectorian ornaments.

```
1 \RequirePackage{pgfornament}
```

— Control float placement.

```
1 \RequirePackage[section, above]{placeins}
```

— Sophisticated verbatim text.

```
1 \RequirePackage{fancyvrb}
```

- Publication quality tables in  $\LaTeX$ .  
1 `\RequirePackage{booktabs}`
- Context sensitive quotation facilities.  
1 `\RequirePackage{csquotes}`
- Mathematical tools to use with (and which loads) `amsmath`.  
1 `\RequirePackage[fleqn]{mathtools}`
- Better accessibility support for PDF files. This package is used because we want the material added to the background (banner on the first page and draft watermark) to be not selectable in order to let the reader who wants to copy the interesting text be able to select it.  
1 `\RequirePackage{accsupp}`
- A comprehensive (SI) units package.  
1 `\RequirePackage{siunitx}`
- Additional  $\TeX$ -family logos (which loads and extends `hologo` which is collection of logos with bookmark support).  
1 `\RequirePackage{bxtexlogo}`
- Coloured boxes, for  $\LaTeX$  examples and theorems, etc.  
1 `\RequirePackage{tcolorbox}`
- Compile  $\TeX$  code stand-alone or as part of a document.  
1 `\RequirePackage[group=false, subpreambles, sort]{standalone}`
- Attach arbitrary files to a PDF document.  
1 `\RequirePackage[icon=Paperclip]{attachfile2}`
- Expandable macros to extract the data from references and allow counter assignments or calculations.  
1 `\RequirePackage{refcount}`
- Select colors with proper WCAG color contrast.  
1 `\RequirePackage{ninecolors}`
- Typeset tabulars and arrays with  $\LaTeX$ 3 (for the alert boxes typeset as simple tabulars).  
1 `\RequirePackage{tabulararray}`
- Multilingual support for Plain  $\TeX$  or  $\LaTeX$ .  
1 `\RequirePackage[english, french]{babel}`
- Intelligent page references.  
1 `\RequirePackage[nospace, french]{varioref}`
- Macros for Euro sign.  
1 `\RequirePackage[right]{eurosym}`
- Typeset source code listings using  $\LaTeX$ .  
1 `\RequirePackage{listings}`
- Modifying the layout of floats.  
1 `\RequirePackage{floatrow}`
- Sophisticated Bibliographies in  $\LaTeX$ .  
1 `\RequirePackage[`  
2 `sorting=none,`  
3 `datamodel=letgut,`  
4 `citestyle=letgut`  
5 `]{biblatex}`
- Typeset acronyms.  
1 `\RequirePackage{acro}`

— Allow URL breaks at any alphanumerical character.

```
1 \RequirePackage{xurl}
```

The following packages have to be the last ones loaded. So we ensure this by loading them just before the beginning of the document :

```
1 \hook_gput_code:nmn { begindocument/before } { . }{
```

— Extensive support for hypertext in L<sup>A</sup>T<sub>E</sub>X

```
1 \RequirePackage{hyperref}
```

— Adjusting the anchors of captions

```
1 \RequirePackage[all]{hypcap}
```

— Intelligent cross-referencing

```
1 \RequirePackage[french]{cleveref}
```

We close the `\hook_gput_code:nmn { begindocument/before } { . }` argument.

```
1 }
```

## Debugging

```
1 % \debug_on:n {
2 % check-declarations,
3 % check-expressions,
4 % deprecation,
5 % % log-functions
6 % }
```

## Settings for the loaded packages

— We force to use endash as floats’s caption separators, using the obsolete `CustomiseFigTabCaptions` `babel-french` option because we don’t want to rely on the caption package which might conflict with `floatrow` heavily used here.

```
1 \frenchsetup{CustomiseFigTabCaptions}
```

— We switch to the French typographic conventions for `siunitx`.

```
1 \sisetup{
2 , locale = FR
3 , mode = match
4 , group-minimum-digits = 4
5 }
```

— Concerning floats, we ask :

— the caption text will be justified,

— the figures and their captions to be boxed (in order to distinguish them from the current text),

— the tables to have their captions above them.

```
1 \DeclareMarginSet{hangleft}{
2 \setfloatmargins{\hskip-\c__letgut_hoffset_dim}{\hfil}
3 }
4 \DeclareFloatVCode{__letgut_ruleabove}{
5 \par\rule{\hsize}{.8pt}\vskip4pt\par
6 }
7 \DeclareFloatVCode{__letgut_rulebelow}{
8 \par\vskip2pt\rule{\hsize}{.8pt}\par
9 }
```

```

10 \DeclareFloatStyle{__letgut_ruled}{
11 precode=__letgut_ruleabove,
12 postcode=__letgut_rulebelow,
13 % heightadjust=all,
14 floatwidth=.8\linewidth
15 }
16 \floatsetup{objectset=justified}
17 \floatsetup[figure]{
18 margins=hangleft,
19 capposition=beside,
20 capbesideposition={top,left},
21 floatwidth=0.85\textwidth
22 }
23 \floatsetup[table]{
24 % style=__letgut_ruled,
25 margins=hangleft,
26 capposition=beside,
27 capbesideposition={top,left},
28 floatwidth=0.85\textwidth
29 }
30 \hook_gput_code:nnn { env/figure/before } { . }{%
31 \renewcommand\FBskip{.5cm plus .1cm minus .5cm}%
32 \renewcommand\FBbskip{.5cm plus .1cm minus .5cm}%
33 }
34 \hook_gput_code:nnn { env/table/before } { . }{%
35 \renewcommand\FBskip{.5cm plus .1cm minus .5cm}%
36 \renewcommand\FBbskip{.5cm plus .1cm minus .5cm}%
37 }
38 % \floatsetup[table]{capposition=top}

```

Moreover, the tables will be entitled « tableau » instead of « table ».

```
1 \renewcommand*\frenchtablename{Tableau}
```

— We load a `tabularray`'s library.

```
1 \UseTblrLibrary{booktabs}
```

— The `\printbibliography` command is redefined in order its heading is by default set to `subbibliography`.

```

1 \NewCommandCopy{__letgut_old_printbibliography}{
2 \printbibliography
3 }
4 \RenewDocumentCommand {\printbibliography} { 0{} } {
5 \phantomsection
6 __letgut_old_printbibliography[#1]
7 \bool_if:NT \g__letgut_included_files_attached_bool {
8 \seq_map_inline:Nn \g__letgut_added_bib_resources_seq {
9 \file_if_exist:nT {##1}{
10 \seq_gput_right:Nn \g__letgut_included_files_seq {
11 \textattachfile[
12 description={
13 Fichier~ bibliographique~ utilisé~ dans~ le~
14 présent~ article~ (fichier~ \tl_to_str:n{##1})
15 },
16 mimetype=application/x-bib
17]

```



```

18 {\tl_to_str:n{##1}}
19 {\c__letgut_attachment_icon_tl}
20 }
21 }
22 }
23 }
24 }

```

For printing the bibliography, we define two new bibheadings for the structure levels `\title` and `\subtitle`.

```

1 \defbibheading{title}[\refname]{%
2 \title{#1}}
3 \defbibheading{subtitle}[\refname]{%
4 \subtitle{#1}}

```

- The acronyms will be typeset in its short form, with small caps shape. When they are (English) foreign, it will be specified and the translation will be added.

```

1 \acsetup{
2 first-style=short,
3 format/short = {\scshape},
4 format/foreign = {\em},
5 foreign/display,
6 locale/format = {\upshape},
7 locale/display,
8 make-links = true,
9 link-only-first = true
10 }

```

We currently have to work around an acro bug (see <https://tex.stackexchange.com/q/661966/18401>).

```

1 \hook_gput_code:nnn { cmd/printacronyms/before } { . }{
2 \bool_set_false:N\l__acro_link_only_first_bool
3 }

```

In case the long form of an acronym is explicited in footnote, we want this footnot to be ended with a period.

```

1 \ProvideDocumentCommand \acroendfootnote {} { . }

```

The following settings for packages that have to be the last ones loaded are also done just before the beginning of the document.

- The following (temporary?) workaround moved ‘standalone’ code in hook ‘begindocument’ to ‘begindocument/before’ in order to get rid of the issue <https://tex.stackexchange.com/q/670638/18401>.

```

1 \bool_if:NT \g__letgut_for_readers_bool {
2 \RemoveFromHook{begindocument}[standalone]
3 \ExpandArgs{nv}
4 \hook_gput_code:nnn { begindocument/before } { . }{
5 l__hook_return_tl
6 }
7 }
1 \hook_gput_code:nnn { begindocument/before } { . }{

```

- We want the hyperlinks to be as unobtrusive as possible.

```

1 \bool_if:NTF \g__letgut_paper_bool {
2 \hypersetup{hidelinks}
3 }{
4 \hypersetup{%
5 colorlinks,%
6 allcolors={letgut_allcolors_links},%
7 }%
8 }

```

A preset of acronyms is input (if found, firstly in the current directory, secondly in the parent directory, thirdly in the TDS).

```

1 \file_if_exist:nTF {./\c__letgut_acronyms_file_tl}{
2 \tl_gset:Nn \g__letgut_effective_acronyms_file_tl {./
3 \c__letgut_acronyms_file_tl}
4 }{
5 \file_if_exist:nTF {../\c__letgut_acronyms_file_tl}{
6 \tl_gset:Nn \g__letgut_effective_acronyms_file_tl {../
7 \c__letgut_acronyms_file_tl}
8 }{
9 \file_if_exist:nT {\c__letgut_acronyms_file_tl}{
10 \tl_gset:Nn \g__letgut_effective_acronyms_file_tl {
11 \c__letgut_acronyms_file_tl}
12 }
13 }
14 }
15 \input {\g__letgut_effective_acronyms_file_tl}

```

— Depending on some chosen class options, some packages have to be loaded, notably before package `hyperref` is loaded, and actions are taken accordingly.

— If the ‘draft’ mode (default) is on, we load the package `lua-typo` which highlights typographical flaws with LuaLaTeX. For the moment,

the package `lua-typo` isn’t loaded since the ‘luacolor’ package it loads

currently does not work well in `shipout/background` (see <https://github.com/ho-tex/luacolor/issues/4>).

```

1 %% \bool_if:NF \g__letgut_paper_bool {
2 \bool_if:NT \g__letgut_draft_bool {
3 % \RequirePackage[All]{lua-typo}
4 \hook_gput_code:nnn { shipout/background } { . }
5 {
6 __letgut_unselectable:n {
7 \put(0.5\paperwidth,-0.5\paperheight)
8 }
9 \Huge

```

Currently, we can’t use `l3color`’s `\color_fill:n` (see <https://github.com/ho-tex/luacolor/issues/4#issuecomment-848774260>) and we have to rely on `xcolor`’s `\color`.

```

1 % \color_fill:n {black!10}
2 \color{black!10}
3 \hbox_set:Nn \l__letgut_tmpa_box {
4 \fontsize{0.25\paperwidth}{0.3\paperwidth}
5 \selectfont
6 \c__letgut_draftwatermark_text_tl

```

```

7 }
8 \hbox_set:Nn \l__letgut_tmpb_box {
9 \hbox_overlap_center:n {
10 \box_use:N \l__letgut_tmpa_box
11 }
12 }

```

The draft watermark is rotated in order to be parallelly slanted to the first diagonal of the page (angle = arctan(paper height/paper width)).

```

1 \box_rotate:Nn \l__letgut_tmpb_box {
2 \fp_eval:n {
3 atand (
4 \dim_to_fp:n {\paperheight}
5 /
6 \dim_to_fp:n {\paperwidth}
7)
8 }
9 }
10 \box_use:N \l__letgut_tmpb_box
11 }
12 }
13 }

```

Moreover, we want all the overfull boxes to be shown (as with draft option of the standard classes).

```

1 \setlength\overfullrule{5pt}
2 }
3 % % }

```

— The listings will be known as “listing” and not “liste” by cleveref.

```

1 \crefname{listing}{listing}{listings}
2 \Crefname{listing}{listing}{listings}

```

We close the `\hook_gput_code:nnn { begindocument/before } { . }` argument.

```

1 }

```

## Page color default settings

By default, the page color will be the one linked to the screen option.

```

1 \pagecolor[rgb]{\c__letgut_default_pagecolor_screen_clist}
2 \clist_gset_eq:NN \g__letgut_pagecolor_clist
3 \c__letgut_default_pagecolor_screen_clist

```

## Options

We now define the options of the class :

- `for-readers~/~/for-authors`, depending on the target audience,
- `draft~/~/final` depending on the state of the document,
- `paper~/~/screen` depending on the way the document will be read,
- `number` for the number of the issue,
- `date` for the date of the issue, either empty (hence the current (month) date) or at the format `YYYY-MM` or as free input,

- pagecolor (relevant only with the (default) screen load time option) for a color of the page other than the default one (used behind the scene by the letgut-banner package),
- watermark **letter** for another letter than the “g” in watermark,
- watermark **scale** for the case the letter in watermark is too big,
- allcolorlinks for the color of (all) the links,
- membership-reminder that typesets a membership reminder on the first page,
- editorial depending on the editorial is wanted or not,
- infomations depending on the GUTenberg informations are wanted or not,
- detailedtoc depending on the automatic ToC is wanted maximally (until subparagraphs) detailed or not.

```

1 \keys_define:nn { letgut }
2 {
3 , for-readers .bool_gset:N = \g__letgut_for_readers_bool
4 , for-readers .initial:n = { true }
5 , for-authors .bool_gset_inverse:N = \g__letgut_for_readers_bool
6 , draft .bool_gset:N = \g__letgut_draft_bool
7 , draft .initial:n = { true }
8 , draft .default:n = { true }
9 , final .bool_gset_inverse:N = \g__letgut_draft_bool
10 , paper .code:n = {
11 \bool_gset_true:N \g__letgut_paper_bool
12 \pagecolor[rgb]{\c__letgut_default_pagecolor_paper_clist}
13 \clist_set_eq:NN \g__letgut_pagecolor_clist
14 \c__letgut_default_pagecolor_paper_clist
15 }
16 , screen .code:n = {
17 \bool_gset_false:N \g__letgut_paper_bool
18 }
19 , number .int_gset:N = \g__letgut_number_int
20 , date .code:n = { __letgut_date_parse:n { #1 } }
21 , date .initial:x = {\the\year-\the\month}
22 , pagecolor .initial:V
23 = \c__letgut_default_pagecolor_screen_clist
24 , pagecolor .code:n = {
25 \definecolor{letgut_pagecolor}{rgb}{#1}
26 \hook_gput_code:nnn { begindocument/before } { . }
27 {
28 \bool_if:NTF \g__letgut_paper_bool {
29 \msg_warning:nnn{letgut}{
30 pagecolor~inoperative~with~paper~option
31 }{#1}
32 }{
33 \clist_gset:Nn \g__letgut_pagecolor_clist { #1 }
34 \pagecolor[rgb]{#1}
35 }
36 }
37 }
38 , watermark~ letter .tl_gset:N = \g__letgut_watermark_letter_tl
39 , watermark~ letter .initial:n = g
40 , watermark~ scale .tl_gset:N = \g__letgut_watermark_scale_tl

```

```

41 , watermark~ scale .initial:n = 1
42 , allcolorslinks .code:n = {
43 \colorlet{letgut_allcolors_links}{#1}}
44 , allcolorslinks .initial:V
45 = \c__letgut_default_allcolors_links_color_tl
46 , membership-reminder .bool_gset:N
47 = \g__letgut_membership_reminder_bool
48 , membership-reminder .initial:n = { true }
49 , editorial .bool_gset:N = \g__letgut_editorial_bool
50 , editorial .initial:n = { true }
51 , informations .bool_gset:N = \g__letgut_informations_bool
52 , informations .initial:n = { true }
53 , detailedtoc .str_gset:N = \g__letgut_detailedtoc_level_str
54 , detailedtoc .default:n = 5
55 , detailedtoc .initial:n = 0
56 , reverse-files-attachement .code:n = {
57 \hook_gput_code:nnn { begindocument/before } { . }{
58 \bool_lazy_and:nnTF {\g__letgut_for_readers_bool} {!
59 \g__letgut_paper_bool}
60 {
61 \bool_gset_false:N \g__letgut_included_files_attached_bool
62 }{
63 \bool_gset_true:N \g__letgut_included_files_attached_bool
64 }
65 }
66 }
67 \ProcessKeyOptions[letgut]
68 \hook_gput_code:nnn { begindocument/before } { . }{
69 \bool_lazy_and:nnTF {\g__letgut_for_readers_bool} {!
70 \g__letgut_paper_bool}
71 {
72 \bool_gset_true:N \g__letgut_included_files_attached_bool
73 }{
74 \bool_gset_false:N \g__letgut_included_files_attached_bool
75 }
76 }
1 \definecolor{letgut_pagecolor}{rgb}{\g__letgut_pagecolor_clist}

```

## Headers

We now define the headers.

- The distance between the baseline of the header text and the decorative line in the header is made a little bit bigger.

```

1 \renewcommand{\headruleskip}{
2 \c__letgut_head_rule_skip_dim
3 }

```

- The decorative line width in the header is made a little bit bigger.

```

1 \renewcommand{\headrulewidth}{
2 \c__letgut_head_rule_width_dim
3 }

```

— The headers alternate between even and odd pages.

```
1 \fancyhf{}
2 \fancyhead[RO,LE]{\thepage}
3 \fancyhead[RE,LO]{\scshape \g__letgut_mark_t1}
```

— The headers are left offset

```
1 \fancyheadoffset[L]{\c__letgut_hoffset_dim}
```

— We load the default `fancyhdr`'s page style (at the end of the preamble in order to be able to change some `fancyhdr` settings in `localconf.tex`)

```
1 \hook_gput_code:nnn { begindocument/before } { . }
2 {
3 \pagestyle{fancy}
4 }
```

## Marginal notes

We want the marginal notes to be in the left margin.

```
1 \reversemarginpar
```

## Table of contents

The table of contents is customized :

— layout :

```
1 \etocsetstyle {section}
2 {}
3 {\leavevmode\leftskip 2.5cm\relax}
4 {\mdseries\small%
5 \etocname~\dotfill~\etocpage\par
6 }
7 {}
8 \etocsetstyle {subsection}
9 {}
10 {\leavevmode\leftskip 3cm\relax}
11 {\mdseries\footnotesize%
12 \etocname~\dotfill~\etocpage\par
13 }
14 {}
15 \etocsetstyle {subsubsection}
16 {}
17 {\leavevmode\leftskip 3.5cm\relax}
18 {\mdseries\scriptsize%
19 \etocname~\dotfill~\etocpage\par
20 }
21 {}
22 \etocsetstyle {paragraph}
23 {}
24 {\leavevmode\leftskip 4cm\relax}
25 {\mdseries\tiny%
26 \etocname~\dotfill~\etocpage\par
27 }
28 {}
29 \etocsetstyle {subparagraph}
```

```

30 {}
31 {\leavevmode\leftskip 4.5cm\relax}
32 {\mdseries\tiny%
33 \etocname~\dotfill~\etocpage\par
34 }
35 {}

```

— its title and the corresponding vertical space are dropped :

```
1 \etocsettocstyle{\medskip}{\medskip}
```

## Geometry of the document

```

1 \geometry{
2 asymmetric,
3 textheight=\c__letgut_textheight_dim,
4 textwidth=\c__letgut_textwidth_dim,
5 lmargin=\c__letgut_lmargin_dim,
6 tmargin=\c__letgut_tmargin_dim,
7 head=\c__letgut_head_dim,
8 headsep=\c__letgut_headsep_dim,
9 marginparwidth=\c__letgut_marginparwidth_dim,
10 % verbose,
11 % showframe
12 }

```

## Alert box

```

1 \cs_new_protected:Nn __letgut_alert_box:nn
2 {
3 \noindent
4 \begin{tblr}{
5 width=\linewidth,
6 rowspec={Q[c,m,#1]},
7 colspec={|
1 >{\bfseries}X|
2 },
3 vlines,
4 hlines,
5 rowsep=2.5mm,
6 colsep=2.5mm
7 }
8 #2
9 \end{tblr}
10 \skip_vertical:N \c_zero_dim
11 }

```

## Announcements

```

1 \tcbset{
2 announce~ style/.style={
3 enhanced,
4 sharp~ corners,
5 boxrule=0mm,
6 leftrule=1cm,
7 bottomrule=1cm,

```

```

8 toptitle=20pt,
9 bottomtitle=20pt,
10 center~ title,
11 before~ title=\hypersetup{hidelinks},
12 fonttitle=\scshape\bfseries\huge,
13 fontupper=\Large,
14 fontlower=\Large,
15 skin=empty,
16 segmentation~ style=solid,
17 halign=center,
18 toc~ title/.store~ in=\l__letgut_toc_title_announce_tl,
19 color/.store~ in=\l__letgut_toc_color_announce_tl,
20 }
21 }
22 \cs_new_protected:Npn __letgut_toc_title_announce:nn #1 #2
23 {
24 \tl_if_empty:nTF {#1}{
25 \phantomsection\addcontentsline{toc}{title}{#2}
26 }{
27 \tl_if_empty:nF {#2}{
28 \phantomsection\addcontentsline{toc}{title}{#1}
29 }
30 }
31 }
32 \NewTColorBox{announcement}{ 0{ } m }
33 {
34 announce~ style,
35 title=#2,
36 borderline~ west={1cm}{0pt}{\l__letgut_toc_color_announce_tl},
37 phantom={__letgut_toc_title_announce:nn {
38 \l__letgut_toc_title_announce_tl}{#2}},
39 overlay~ unbroken~ and~ first ={
40 \node[color=\l__letgut_toc_color_announce_tl]~ at~ ([yshift=8pt]
41 title.south)
42 {\pgfornament[width=0.4\linewidth]{88}};
43 \node[color=white,anchor=north~ west]~ at~ (frame.north~ west)
44 {\huge\bfseries\aldineright{}};
45 },
46 #1,
47 coltitle=\l__letgut_toc_color_announce_tl,
48 }

```

## Rebus

```

1 \int_new:N \g__letgut_rebus_int
2 \NewDocumentCommand{\solution}{}{\tcbblower}
3 \NewDocumentCommand{\displaysolutions}{}{%
4 \tcbstoprecording\tcbinputrecords%
5 }
6 \tcbset{%
7 rebus~ style/.style={%
8 enhanced,
9 boxrule=0pt,

```



```

10 frame~hidden,
11 fonttitle=\normalfont\large\bfseries,
12 before~ title={\lefthand\c_space_tl},
13 align=center,
14 title~ addon/.store~ in=\l__letgut_title_addon_tl,
15 after~ title={
16 \tl_if_empty:NF \l__letgut_title_addon_tl {
17 \c_space_tl(\emph{\l__letgut_title_addon_tl})
18 }
19 },
20 float = bh,
21 colback = __letgut_background_terminal_stdout,
22 colbacktitle = __letgut_background_terminal_stdin,
23 coltitle = black
24 }
25 }
26 \tcbset{
27 no~ solution/.style={
28 no~ recording,
29 after~ upper=dans~ la~ prochaine~ \lettre{},
30 after~ upper~ pre={
31 \par\bigskip\hfill\scriptsize\itshape
32 Solution\c_space_tl
33 },
34 }
35 }
36 \NewTColorBox{rebus}{+!0{}}{%
37 before~ title~ pre = {\int_gincr:N \g__letgut_rebus_int},
38 rebus~ style,
39 fonttitle=\bfseries,
40 title={Rébus},
41 label={rebus@\int_use:N\g__letgut_rebus_int},
42 after~ upper={\vpageref[ci-dessous]{solution@\int_use:N
43 \g__letgut_rebus_int}},
44 after~ upper~ pre={
45 \par\bigskip\hfill\scriptsize\itshape
46 Solution\c_space_tl
47 },
48 lowerbox=ignored,
49 savelowerto=rebus-\int_use:N\g__letgut_rebus_int.tex,
50 record={\string\rebussolution*[\int_use:N\g__letgut_rebus_int][[]]},
51 #1
52 }
53 \NewDocumentCommand{\rebussolution}{s +o o 0{}}{%
54 \IfValueTF{#2}{
55 \begin{tcolorbox}[
56 rebus~ style,
57 label=solution@\int_use:N\g__letgut_rebus_int,
58 align=justify,
59 before~ title={\lefthand{}}~Solution~ du~ rébus\c_space_tl},
60 title={

```

```

61 \vpageref[ci-dessus]{rebus@#2}
62 }{
63 de~la~\lettre{} \c_space_tl
64 \IfValueTF{#3}{
65 #3
66 }{
67 précédente
68 }
69 }
70 },
71 phantomlabel={
72 \IfBooleanT{#1}{
73 solution@#2
74 }
75 },
76 #4
77]
78 \IfBooleanTF{#1}{
79 \file_if_exist_input:n {rebus-#2.tex}
80 }{
81 #2
82 }
83 \end{tcolorbox}
84 }{
85 \IfValueF{#3}{
86 \tcbstoprecording
87 \tcbinputrecords
88 }
89 }
90 }

```

### “Title” and marks

We redefine `\@title` in order to make it empty. Hence we can later test if the `\title` has been populated by the user (thanks to `\title`) and, if so, we will (automatically) display on the first page and headers the provided title instead of the number and the date (see below).

```
1 \tl_gclear:N \@title
```

At the end of preamble, we put the `\@title` (empty or populated by the user) into `\g__letgut_@title_str` for later tests.

```

1 \hook_gput_code:nnn { begindocument/before } { . }
2 {
3 \str_gset_eq:NN \g__letgut_@title_str \@title

```

The number is added only if it is

> 0.

```

1 \tl_gset:Nn \g__letgut_title_tl {
2 \int_compare:nNnT
3 {\g__letgut_number_int}

```

```

1 > {\c_zero_int}
2 {numéro~ \int_use:N\g__letgut_number_int{}~ --- }
3 \g__letgut_date_tl
4 }
5 \str_if_empty:NTF \g__letgut_@title_str {
6 \tl_gset:Nn \g__letgut_mark_tl {
7 \c__letgut_la_lettre_gutenberg_plain_tl
8 }
9 }{
10 \tl_gset:Nn \g__letgut_mark_tl {}
11 }
12 \tl_gput_right:Nn \g__letgut_mark_tl {
13 ,~\g__letgut_title_tl
14 }
15 }

```

### First page handling

The first page is special as it should automatically contain certain elements :

- the banner,
- either the number and the date of the issue, or a given title,
- the table of contents,
- the editorial,
- the membership reminder.

The first page is inserted only if the target audience is the readers of the Lettre.

```

1 \hook_gput_code:nnn { begindocument/before } { . }{
2 \bool_if:NT \g__letgut_for_readers_bool {
1 \file_if_exist:nTF {\c__letgut_banner_file_tl.pdf}{
2 \hook_gput_next_code:nn { shipout/background }
3 {
4 \begin{picture}(0,0)
5 \put(-2cm,-25.275cm){
6 __letgut_orig_includegraphics*[scale=0.96]{
7 \c__letgut_banner_file_tl.pdf
8 }
9 }
10 \end{picture}
11 }
12 }{

```

The pagecolor option is possibly set (with `\hook_gput_code:nnn{begindocument/before}{.}`) and the page color chosen has to be used for the letters of the banner so the following code has to be postponed after the former (hence here `\hook_gput_code:nnn { begindocument } { . }` and with `\hook_gput_code:nnn {begindocument/before} { . }`).

```

1 \msg_term:nn{letgut}{Banner~file~not~provided}
2 \RequirePackage[
3 , pagecolor = { \g__letgut_pagecolor_clist }
4 , watermark~ letter = { \g__letgut_watermark_letter_tl }
5 , watermark~ scale = { \g__letgut_watermark_scale_tl }
6]{letgut-banner}
7 }

```

Here starts what is automatically added at the beginning of the document.

```
1 \hook_gput_code:nnn { begindocument/end } { . }
2 {
```

— If a membership reminder is asked, we create an (alert) box containing the corresponding text and reduce the textheight of this page of the height of this box.

```
1 \bool_if:NT \g__letgut_membership_reminder_bool {
2 \box_new:N \g__letgut_membership_reminder_box
3 \vbox_gset:Nn \g__letgut_membership_reminder_box {
4 \alertbox []{ \c__letgut_membership_reminder_tl }
5 }
6 \dim_gset:Nn
7 \g__letgut_membership_reminder_box_height_dim {
8 \box_ht:N \g__letgut_membership_reminder_box
9 }
10 \enlargethispage{
11 - \g__letgut_membership_reminder_box_height_dim
12 }
13 }
```

— We want the text on the first page to not encroach on the horizontal bar of the banner.

```
1 \dim_const:Nn \c__letgut_first_page_shrink_dim {
2 \c__letgut_banner_thickness_dim
3 +
4 \c__letgut_tmargin_dim
5 +
6 \c__letgut_textheight_dim
7 -
8 .5\paperheight
9 -
10 .5\c__letgut_banner_height_dim
11 }
12 \enlargethispage{
13 - \c__letgut_first_page_shrink_dim
14 }
15 \enlargethispage{
16 - \baselineskip
17 }
```

— If the user has specified a title, we make a (our own) title and use it and the possibly provided author(s) for the metadata of the PDF; otherwise we display the number and the date of the newsletter.

```
1 \str_if_empty:NTF \g__letgut_@title_str {
2 \bool_gset_true:N \g__letgut_title_empty_bool
3 \begin{flushright}
4 \Huge
5 \text_titlecase_first:n { \g__letgut_title_tl }
6 \end{flushright}
7 \hypersetup{
8 pdftitle={
9 \c__letgut_Lettre_gutenberg_tl
10 \int_compare:nNnT
```

```

11 {\g__letgut_number_int}
1
12 > {\c_zero_int}
13 {
14 \c_space_tl~ \int_use:N \g__letgut_number_int
15 }
16 },
17 pdfauthor={
18 Association~
19 \c__letgut_gutenberg_tl
20 \c_space_tl
21 (éditeur)
22 },
23 }
24 \vspace*{1cm}
25 }{
26 \hypersetup{
27 pdftitle={\g__letgut_@title_str}
28 }
29 \tl_if_empty:NF \@author {
30 \hypersetup{
31 pdfauthor={\@author}
32 }
33 }
34 }

```

Here, we insert the title, but don't rely on `\maketitle` because it lets to `\relax` the command `\title` which is used later as new sectioning levels for the titles of the articles of the Lettre. So we emulate the interesting part of the `\maketitle` command (borrowed from `article.cls`).

```

1 \null
2 \vskip 2em%
3 \begin{center}%
4 \let \footnote \thanks
5 {\LARGE \@title \par}%
6 \end{center}%
7 \par
8 \vskip 1.5em
9 }

```

— No headers on the first page. This has to be inserted after the previous (customized) `\maketitle` since this command inserts a `\newpage` which would ruin the effort of `\thispagestyle{empty}` if inserted before.

```
1 \thispagestyle{empty}
```

— The table of contents is automatically added and has a bookmark entry. By default only the titles of the articles are shown (but the bookmarks have their natural depth) but the `detailedtoc` option make its depth possible until subparagraphs (which may be useful in order to check the structure of the Lettre).

```

1 \etocsetnexttocdepth{\g__letgut_detailedtoc_level_str}
2 \pdfbookmark[1]{
3 \c__letgut_contents_name_tl
4 }{
5 \c__letgut_contents_name_tl

```

```

6 }
7 \tableofcontents
8 \etocsetnexttocdepth{2}

```

Should a title be displayed, the table of contents would be added after it, followed by a new page (otherwise, if `\title` used after `\begin{document}` sees its title on the front page, it will overflow onto the banner).

```

1 \bool_if:NTF \g__letgut_title_empty_bool {
2 \vspace*{1.5cm}
3 }{
4 \newpage
5 }

```

— Conditionally to the fact the editorial option is not set to `false`: if the fichier `editorial.tex` of the editorial is found, its content is input and has a bookmark entry; otherwise, a warning is displayed.

```

1 \bool_if:NTF \g__letgut_editorial_bool {
2 \file_if_exist:nTF {./\c__letgut_editorial_file_tl}{
3 \RenewDocumentCommand\author{ s m } {
4 __letgut_author:nn { #1 } {#2}
5 }
6 \pdfbookmark[1]{Éditorial}{
7 \c__letgut_editorial_file_tl
8 }
9 \inputarticle{./\c__letgut_editorial_file_tl}
10
11 % \if\count{\pagenumber}>1
12 % \else
13 % \newpage
14 % \fi
15 }{
16 \msg_warning:nn{letgut}{Editorial~file~missing}
17 \alertbox{ \c__letgut_missing_editorial_tl }
18 \newpage
19 }
20 }{
21 % \newpage
22 }

```

We close the `\hook_gput_code:nnn { begindocument/end } { . }` argument.

```

1 }

```

Membership reminder.

```

1 \hook_gput_code:nnn { begindocument } { . }{
2 \bool_if:NT \g__letgut_membership_reminder_bool {
3 \hook_gput_next_code:nn { shipout/background }
4 {
5 \put(1in,-1in){
6 \put(
7 \oddsidemargin,
8 - \topmargin
9 - \headheight
10 - \headsep
11 - \textheight
12 + \c__letgut_first_page_shrink_dim

```

```

13 + .5\baselineskip
14){}
15 \box_use:N \g__letgut_membership_reminder_box
16 }
17 }
18 }
19 }
20 }

```

## Last page handling

The last pages are special : they should automatically contain some informations about GUTenberg.

```

1 \hook_gput_code:nnn { enddocument } { . }
2 {
3 % \clearpage
4 % \printacronyms[heading=title,display=used]

```

Conditionally to the fact the informations option is not set to `false` : if the fichier informations-gut.tex which contains the informations about GUTenberg is found (firstly in the current directory, secondly in the parent directory, thirdly in the TDS). Otherwise, a warning is displayed.

```

1 \bool_if:NT \g__letgut_informations_bool {
2 \clearpage
3 \phantomsection
4 \file_if_exist:nTF {./\c__letgut_informations_gutenberg_file_tl}{
5 \inputarticle*{
6 ./\c__letgut_informations_gutenberg_file_tl
7 }
8 }{
9 \file_if_exist:nTF {../\c__letgut_informations_gutenberg_file_tl}{
10 \inputarticle*{
11 ../\c__letgut_informations_gutenberg_file_tl
12 }
13 }{
14 \file_if_exist:nTF {\c__letgut_informations_gutenberg_file_tl}{
15 \inputarticle*{
16 \c__letgut_informations_gutenberg_file_tl
17 }
18 }{
19 \msg_warning:nn{letgut}{Informations~file~missing}
20 \alertbox{ \c__letgut_missing_infomations_tl }
21 }
22 }
23 }
24 }

```

We close the `\hook_gput_code:nnn { enddocument } { . }` argument.

```

1 }

```

We close the boolean which tests whether the target audience is the readers or the author(s) of the “Lettre”.

```

1 }
2 }

```

## Sections, subsections, etc.

### Numbering

We want all the sections to be unnumbered.

```

1 \setcounter{secnumdepth}{-10}

```

### Format

When used in titles, `\hologo` needs to be protected. In order to not bother the user with this peculiarity, we make this the default for it.

```

1 % \hook_gput_code:nnn { cmd/hologo/before}{\protect } { . }
2 \NewCommandCopy{_letgut_old_hologo}{\hologo}
3 \RenewDocumentCommand {\hologo} { m }{
4 \protect_letgut_old_hologo { #1 }
5 }

```

We want the `hologo's` `\hologo` command to have its mandatory argument not uppercased in the context of `\text_uppercase:n` (as in titles, cf. just below).

```

1 \tl_put_right:Nn \l_text_case_exclude_arg_tl { \hologo }
2 % \tl_put_right:Nn \l_text_case_exclude_arg_tl { \ac }
3 % \tl_put_right:Nn \l_text_case_exclude_arg_tl { \acs }
4 % \tl_put_right:Nn \l_text_case_exclude_arg_tl { \acl }
5 % \tl_put_right:Nn \l_text_case_exclude_arg_tl { \acf }

```

— We create the new level `\title` for the titles of the articles. They are displayed uppercased.

```

1 \hook_gput_code:nnn { begindocument/before } { . }{%
2 \titleclass{\title}{straight}[\part]
3 \titleformat{\title}{
4 \normalfont
5 \LARGE
6 \bfseries
7 }}{1em}{
8 \aldineleft\c_space_tl\text_uppercase:n
9 }
10 \etocsetlevel{title}{0}
11 \def\toclevel@title{0}%
12 \etocsetstyle {title}
13 {}
14 {
15 \leavevmode\leftskip 2cm\relax
16 }
17 {
18 \bool_lazy_or:nnTF {
19 \str_if_eq_p:Vn \g__letgut_detailedtoc_level_str { 0 }
20 }{
21 \str_if_eq_p:Vn \g__letgut_detailedtoc_level_str { title }
22 }
23 {
24 \mdseries
25 }{

```



```

26 \bfseries
27 }
28 \normalsize
29 \etocname
30 \nobreak\leaders\hbox~ to~ 1ex{\hss.}\hfill
31 \etocpage
32 \par
33 }
34 {}

```

- We also create the new level `\subtitle` for the subtitles of the articles. They are displayed uppercased (but in a smaller size than `\title`).

```

1 \titleclass{\subtitle}{straight}[\title]
2 \titleformat{\subtitle}{
3 \normalfont
4 \Large
5 \bfseries
6 \text_uppercase:n
7 }{}{1em}{}{}
8 \etocsetlevel{subtitle}{1}
9 \def\toclevel@subtitle{1}

```

- By default (that is when `\subtitle` is not used), the toc levels of the sections, subsections, etc. are set to 1, 2, etc. But, when `\subtitle` is used, since this level has toc level 1, the toc levels of the sections, subsections, etc. have to be set to 2, 3, etc. And this has to be reset each time `\title` and `\subtitle` are used. Unfortunately, this doesn't work, probably because of the asynchronous way the ToC is built. Hence, we will make

```

1 \hook_gput_code:nnn { cmd/subtitle/before } { . }{
2 \iow_open:Nn \g__letgut_etocsetlevel_by_article_iow {
3 \g__letgut_current_article_filename_tl
4 }
5 \iow_now:Nn \g__letgut_etocsetlevel_by_article_iow {
6 \etocsetlevel{section}{2}
7 \def\toclevel@section{2}%
8 \etocsetlevel{subsection}{3}
9 \def\toclevel@subsection{3}%
10 \etocsetlevel{subsubsection}{4}
11 \def\toclevel@subsubsection{4}%
12 \etocsetlevel{paragraph}{5}
13 \def\toclevel@paragraph{5}%
14 \etocsetlevel{subparagraph}{6}
15 \def\toclevel@subparagraph{6}%
16 }
17 \iow_close:N \g__letgut_etocsetlevel_by_article_iow
18 }

```

- The (sub)paragraphs have the usual format, except that they are not “runin” (`titlesec`'s package's terminology).

```

1 \titleformat{\paragraph}{
2 \normalfont
3 \normalsize
4 \bfseries
5 }{\theparagraph}{1em}{}

```

```

6 \titleformat{\subparagraph}{
7 \normalfont
8 \normalsize
9 \bfseries
10 }{\thesubparagraph}{1em}{}
11 }

```

— We modify the spacing, mainly by shifting the titles in the left margin (the rest is borrowed from the standard classes).

```

1 \titlespacing*{\title}
2 {\c__letgut_title_hoffset_dim}
3 {\c__letgut_before_title_title_skip}
4 {\c__letgut_after_title_title_skip}
5 \titlespacing*{\subtitle}
6 {\c__letgut_subtitle_hoffset_dim}
7 {\c__letgut_before_subtitle_title_skip}
8 {\c__letgut_after_subtitle_title_skip}
9 \titlespacing*{\section}
10 {\c__letgut_section_hoffset_dim}
11 {\c__letgut_before_section_title_skip}
12 {\c__letgut_after_section_title_skip}
13 \titlespacing*{\subsection}
14 {\c__letgut_subsection_hoffset_dim}
15 {\c__letgut_before_subsection_title_skip}
16 {\c__letgut_after_subsection_title_skip}
17 \titlespacing*{\subsubsection}
18 {\c__letgut_subsubsection_hoffset_dim}
19 {\c__letgut_before_subsubsection_title_skip}
20 {\c__letgut_after_subsubsection_title_skip}
21 \titlespacing*{\paragraph}
22 {\c__letgut_paragraph_hoffset_dim}
23 {\c__letgut_before_paragraph_title_skip}
24 {\c__letgut_after_paragraph_title_skip}
25 \titlespacing*{\subparagraph}
26 {\c__letgut_subparagraph_hoffset_dim}
27 {\c__letgut_before_subparagraph_title_skip}
28 {\c__letgut_after_subparagraph_title_skip}

```

## Document commands

### Setup

We define the command that lets us specify the newsletter setup.

```

1 \NewDocumentCommand \letgutsetup { m } {
2 \keys_set:nn { letgut } { #1 }
3 }

```

### For the rubric dedicated to new stuffs appeared on CTAN

— We create a new type of list, dedicated to the new stuffs (classes, packages, etc.) on CTAN and similar to a description list (except the label provided in the optional argument of `\item` is automatically an argument of the `\package` command).

```

1 \cs_new_protected:Nn __letgut_ctan_news_item:n {
2 \package{#1}

```

```

3 }
4 \newlist{ctannews}{description}{1}
5 \hbox_set:Nn \l__letgut_space_box {\c_space_tl}
6 \setlist[ctannews]{format=__letgut_ctan_news_item:n,labelsep=
 \box_wd:N \l__letgut_space_box}

```

The stuffs created by French speaking people are highlighted in a special way and, for this, a starred variant of the `\item` command is provided. We insert a systematic `\phantomsection` in order the cross-references to such items are correct.

```

1 \cs_new_protected:Npn __letgut_item:nn #1 #2
2 {
3 \tl_if_empty:nTF {#2}
4 {
5 __letgut_old_item
6 }{
7 __letgut_old_item[#2]
8 }
9 \phantomsection
10 \IfBooleanT {#1}{
11 \mbox{}
12 \marginpar[\mbox{}\hfill\francophony]{}
13 \exp_last_unbraced:NV
14 \peek_charcode_remove:NT \c_tilde_str {}
15 }
16 }
17 \NewCommandCopy{__letgut_old_item}{\item}
18 \RenewDocumentCommand {\item} { s O{} } {
19 __letgut_item:nn {#1}{#2}
20 }

```

— Command that inserts the « francophony » logo.

```

1 \NewDocumentCommand {\francophony} { } {
2 \raisebox{-1.5pt}{
3 __letgut_orig_includegraphics*[width=\f@size pt]{
4 letgut-francophony-icon
5 }
6 }
7 }

```

### Persons, authors and list of participants

For both persons and authors, the argument of :

— a single individual is given as :

— *<Last name>*, *<First name>*

— and possibly *<Last name>*, *<First name>*, *<Title>*

— multiple individuals, the schemes for each of the individuals are the same of a single one, separated by a semicolon.

```

1 \NewDocumentCommand {\person} { s m } {
2 __letgut_process_list:nn {#1} {#2}
3 }
4 \cs_new_protected:Npn __letgut_author:nn #1 #2
5 {

```

```

6 \nopagebreak
7 \begin{flushright}
8 __letgut_process_list:nn {#1} {#2}
9 \end{flushright}
10 }
11 \hook_gput_code:nnn { begindocument/end } { . }{%
12 \RenewDocumentCommand\author{ s m } {
13 __letgut_author:nn { #1 } { #2 }
14 }
15 }

```

In the following `\__letgut_titlecase_name` control sequence, we parse last and first names, splitting and unsplitting them at spaces and dashes (-) with titlecasing in between.

```

1 \cs_new_protected:Npn __letgut_titlecase_name:n #1
2 {
3 \seq_set_split:Nnn \l__letgut_tmpa_seq { - } {#1}
4 \seq_set_map_e:NNn \l__letgut_tmpb_seq \l__letgut_tmpa_seq {
5 \text_titlecase_first:n{ \text_lowercase:n {##1} }
6 }
7 \tl_set:Nx \l__letgut_tmpa_tl {\seq_use:Nn \l__letgut_tmpb_seq {-}}
8 \seq_clear:N \l__letgut_tmpa_seq
9 \seq_set_split:NnV \l__letgut_tmpa_seq { ~ } \l__letgut_tmpa_tl
10 \seq_set_map_e:NNn \l__letgut_tmpb_seq \l__letgut_tmpa_seq {
11 \text_titlecase_first:n{##1}
12 }
13 \seq_use:Nn \l__letgut_tmpb_seq {~}
14 }

```

The following control sequence splits a semi-colon separated list and each item is splitted as a comma separated list.

```

1 \cs_new_protected:Nn __letgut_person_last_name:n
2 {
3 {% \scshape
4 __letgut_titlecase_name:n {#1}}
5 }
6 \cs_new_protected:Nn __letgut_person_first_name_last_name:nn
7 {
8 __letgut_titlecase_name:n {#1}
9 \c_space_tl
10 __letgut_person_last_name:n {#2}
11 }
12 \cs_new_protected:Nn
13 __letgut_person_first_name_last_name_title:nnn
14 {
15 __letgut_person_first_name_last_name:nn {#1} {#2}
16 \c_space_tl
17 (#3)
18 }
19 \seq_new:N \l__letgut_items_seq
20 \cs_new_protected:Npn __letgut_process_list:nn #1 #2
21 {
22 \seq_clear:N \l__letgut_items_seq

```

```

23 \seq_set_split:Nnn \l__letgut_tmpa_seq {~and~} {#2}
24 \IfBooleanT{#1}{
25 \seq_sort:Nn \l__letgut_tmpa_seq
26 {
27 \str_compare:nNnTF { ##1 } > { ##2 }
28 { \sort_return_swapped: }
29 { \sort_return_same: }
30 }
31 }
32 \seq_map_inline:Nn \l__letgut_tmpa_seq {
33 \seq_set_from_clist:Nn \l__letgut_tmpb_seq {##1}
34 \seq_pop_left:NN \l__letgut_tmpb_seq \l_letgut_last_name_tl
35 \seq_pop_left:NN \l__letgut_tmpb_seq \l_letgut_first_name_tl
36 \seq_pop_left:NN \l__letgut_tmpb_seq \l_letgut_title_tl
37 \seq_put_right:Nx \l__letgut_items_seq {
38 \quark_if_no_value:NTF \l_letgut_first_name_tl {
39 __letgut_person_last_name:n {
40 \l_letgut_last_name_tl
41 }
42 }{
43 \quark_if_no_value:NTF \l_letgut_title_tl {
44 __letgut_person_first_name_last_name:nn
45 {\l_letgut_first_name_tl}
46 {\l_letgut_last_name_tl}
47 }{
48 __letgut_person_first_name_last_name_title:nnn
49 {\l_letgut_first_name_tl}
50 {\l_letgut_last_name_tl}
51 {\l_letgut_title_tl}
52 }
53 }
54 }
55 }
56 \seq_use:Nnnn \l__letgut_items_seq {
57 \c_space_tl \str_use:N \& \c_space_tl
58 } { ,~ } { \c_space_tl \str_use:N \& \c_space_tl }
59 }

```

The list of contributors (possibly the masthead) will be the list of the persons who contributed to the current issue of the *Lettre*, with both a pre- and a post-text, the whole in a centered boxed minipage.

```

1 \tl_const:Nn \c__letgut_preamble_list_of_contributors_tl {
2 De~ près,~ de~ loin,~ par~ leurs~ avis~ éclairés,~ par~ leurs~
3 remarques~
4 pertinentes~ ou~ par~ leurs~ articles,~ ont~ contribué~ à~ cette~
5 \lettre{ }~ :~ %
6 }
7 \tl_const:Nn \c__letgut_postamble_list_of_contributors_tl {
8 \c_space_tl (et~ nous~ espérons~ n'avoir~ oublié~ personne).
9 }
10 \cs_new_protected:Nn __letgut_list_of_contributors:nnn

```

```

11 \par
12 \fbox{
13 \begin{minipage}[t]{\linewidth-2\fboxsep-2\fboxrule}
14 #1
15 \person*{#3}
16 #2
17 \end{minipage}
18 }
19 }
20 \NewDocumentCommand {\listofcontributors} {
21 O{\c__letgut_preamble_list_of_contributors_tl}
22 O{\c__letgut_postamble_list_of_contributors_tl}
23 m
24 } {
25 __letgut_list_of_contributors:nnn {#1} {#2} {#3}
26 }

```

### Horizontal rule

```

1 \NewDocumentCommand {\separator} { } {
2 \par
3 \skip_vertical:N 1em
4 \hrule
5 \skip_vertical:N 1em
6 }

```

### Alert boxes

```

1 \colorlet {letgut_default_alert_box_color} {
2 \c__letgut_default_alert_box_color_tl
3 }
4 \NewDocumentCommand \alertbox {
5 O{letgut_default_alert_box_color} +m
6 } {
7 __letgut_alert_box:nn { #1 } { #2 }
8 }

```

### Typesetting of packages, classes, files and softwares.

The `\c__letgut_httpsprefix_tl` comes from :

<https://github.com/latex3/hyperref/issues/188#issuecomment-826302843>.

```

1 \tl_const:Nx \c__letgut_httpsprefix_tl
2 {https\char_generate:nn{58}{12}//}

```

We define the font switches dedicated to each of packages and classes (T<sub>E</sub>X stuff), files and softwares.

```

1 \tl_new:N \l__letgut_tex_stuff_font_switch_tl
2 \tl_new:N \l__letgut_files_font_switch_tl
3 \tl_new:N \l__letgut_softwares_font_switch_tl
4 \tl_set:Nn \l__letgut_tex_stuff_font_switch_tl {\sffamily}
5 \tl_set:Nn \l__letgut_files_font_switch_tl {\ttfamily}
6 \tl_set:Nn \l__letgut_softwares_font_switch_tl {\sffamily}
1 \cs_new_protected:Nn __letgut_tex_stuff:nn
2 {
3 \IfNoValueTF {#1}
4 {
5 \href{

```

```

6 \c__letgut_httpsprefix_tl ctan.org/pkg/#2
7 }{
8 {\l__letgut_tex_stuff_font_switch_tl #2}
9 }
10 }{
11 \tl_if_empty:nTF {#1}
12 {
13 {\l__letgut_tex_stuff_font_switch_tl #2}
14 }{
15 \href{#1}{\l__letgut_tex_stuff_font_switch_tl #2}}
16 }
17 }
18 }
19 \cs_new_protected:Nn __letgut_software:nn
20 {

```

We split the software's name at spaces in order to apply the dedicated font switch (`\ttfamily`) to all of it except to the spaces.

```

1 \seq_set_split:Nnn \l__letgut_tmpa_seq { ~ } { #2 }
2 \seq_set_map:NNn \l__letgut_tmpb_seq \l__letgut_tmpa_seq {{
3 \l__letgut_software_font_switch_tl ##1}}
4 \tl_if_empty:nTF {#1}
5 {
6 \seq_use:Nn \l__letgut_tmpb_seq { ~ }
7 }{
8 \href{#1}{ \seq_use:Nn \l__letgut_tmpb_seq { ~ } }
9 }
10 \cs_new_protected:Nn __letgut_file:n
11 {
12 {\l__letgut_files_font_switch_tl #1}
13 }
14 \NewDocumentCommand{\package}{ s o m 0{\c__letgut_package_tl} } {
15 \IfBooleanT{#1}{
16 #4
17 \c_space_tl
18 }
19 __letgut_tex_stuff:nn {#2}{#3}
20 }
21 \NewDocumentCommand{\class}{ s o m 0{\c__letgut_class_tl} } {
22 \IfBooleanT{#1}{
23 #4
24 \c_space_tl
25 }
26 __letgut_tex_stuff:nn {#2}{#3}
27 }
28 \NewDocumentCommand{\file}{ s m 0{\c__letgut_file_tl} } {
29 \IfBooleanT{#1}{
30 #3
31 \c_space_tl
32 }
33 __letgut_file:n {#2}

```

```

34 }
35 \NewDocumentCommand {\software} { s 0{} m 0{\c__letgut_software_tl} } {
36 \IfBooleanT{#1}{
37 #4
38 \c_space_tl
39 }
40 __letgut_software:nn {#2}{#3}
41 }

```

### Names, expressions, etc.

We define here some commands for names and expressions that are likely to be frequently used. The more the users will resort to these commands, the less will be inconsistently typesetted these names and expressions.

```

1 \NewExpandableDocumentCommand { \gutenberg } { } {
2 \c__letgut_gutenberg_tl
3 }
4 \NewExpandableDocumentCommand { \gut } { } {
5 \c__letgut_gutenberg_tl
6 }
7 \NewExpandableDocumentCommand { \assogut } { } {
8 \c__letgut_association_tl \c_space_tl \c__letgut_gutenberg_tl
9 }
10 \NewExpandableDocumentCommand { \Assogut } { } {
11 \text_titlecase_first:n {\assogut}
12 }
13 \NewExpandableDocumentCommand { \lettres } { } {
14 \c__letgut_Lettres_tl
15 }
16 \NewExpandableDocumentCommand { \lettresgut } { } {
17 \c__letgut_Lettres_tl \c_space_tl \c__letgut_gutenberg_tl
18 }
19 \NewExpandableDocumentCommand { \listegut } { } {
20 \c__letgut_liste_gut_tl
21 }
22 \NewExpandableDocumentCommand { \Cahier } { } {
23 \c__letgut_cahier_tl
24 }
25 \NewExpandableDocumentCommand { \Cahiers } { } {
26 \c__letgut_cahiers_tl
27 }
28 \NewExpandableDocumentCommand { \cahier } { } {
29 \c__letgut_cahier_tl
30 }
31 \NewExpandableDocumentCommand { \cahiers } { } {
32 \c__letgut_cahiers_tl
33 }
34 \NewExpandableDocumentCommand { \cahiergut } { } {
35 \cahier \c_space_tl \gutenberg
36 }
37 \NewExpandableDocumentCommand { \cahiersgut } { } {
38 \cahiers \c_space_tl \gutenberg
39 }

```



```

40 \NewExpandableDocumentCommand { \letgut } { } {
41 \class{letgut}
42 }
43 \NewExpandableDocumentCommand { \letgutcls } { } {
44 \class*{letgut}
45 }
46 \NewExpandableDocumentCommand { \tugboat } { } {
47 \c__letgut_tugboat_tl
48 }
49 \NewExpandableDocumentCommand { \dtk } { } {
50 \c__letgut_dtk_tl
51 }
52 \NewExpandableDocumentCommand { \knuth } { } {
53 \person{Knuth,~ Donald~ E.}
54 }
55 \NewExpandableDocumentCommand { \lamport } { } {
56 \person{Lamport,~ Leslie}
57 }
58 \NewExpandableDocumentCommand { \tl } { } {
59 \c__letgut_tex_live_tl
60 }
61 \NewExpandableDocumentCommand { \linux } { } {
62 \c__letgut_gnu_linux_tl
63 }
64 \NewExpandableDocumentCommand { \macos } { } {
65 \c__letgut_macOS_tl
66 }
67 \NewExpandableDocumentCommand { \windows } { } {
68 \c__letgut_windows_tl
69 }

```

We define the command `\lettrenumber` that displays the number of some *Lettre* issue :

- preceded by “n°” if used starred,
- by default the current one,
- possibly shifted w.r.t. the current one, depending on the first token of the optional argument :
  - if it is not `.`, `+` nor `-` : this argument (pretty useless : it is easier to directly type the desired number),
  - if it is `.` : the current number of the *Lettre*(pretty useless : it is easier to just not use the optional argument),
  - if it is `+` or `-` followed by a number : the current number of the *Lettre*, shifted by what is specified.

```

1 \cs_new_protected:Npn __letgut_get_lettre_number:n #1
2 {
3 \tl_if_empty:nTF {#1}{
4 \int_use:N \g__letgut_number_int
5 }{
6 \str_set:Ne \l__letgut_tmpa_str {\str_head:n { #1 }}
7 \str_case:e:nnF { \l__letgut_tmpa_str } {
8 {\c__letgut_dot_str} {

```

```

9 \int_use:N \g__letgut_number_int
10 }
11 { \c__letgut_minus_str } {
12 \int_eval:n {\g__letgut_number_int\c__letgut_minus_str
13 \str_range_ignore_spaces:nnn {#1} { 2 } { -1 }}
14 }
15 { \c__letgut_plus_str } {
16 \int_eval:n {\g__letgut_number_int\c__letgut_plus_str
17 \str_range_ignore_spaces:nnn {#1} { 2 } { -1 }}
18 }
19 }
20 }
21 \NewDocumentCommand { \lettre } { s 0{} } {
22 \IfBooleanT{#1}{
23 \no
24 }
25 __letgut_get_lettre_number:n { #2 }
26 }

```

The “*Lettre*” and “*Lettre GUTenberg*” expressions are treated separately since they are subject to variations, depending on how they are used. The corresponding commands `\lettre` and `\lettre gut` used without star nor optional argument typeset resp. “*Lettre*” and “*Lettre GUTenberg*” :

- immediately followed by “n°” if used starred,
- followed by some strings, depending on the first token of their optional argument :
  - if it is not `.`, `+` nor `-` : this argument,
  - if it is `.` : the current number of the *Lettre*,
  - if it is `+` or `-` followed by a number : the current number of the *Lettre*, shifted by what is specified.

```

1 \cs_new_protected:Npn __letgut_lettre:nnn #1 #2 #3
2 {
3 \c__letgut_Lettre_tl #2
4 \tl_if_empty:nF {#1}
5 {
6 #3
7 \nobreakspace
8 __letgut_get_lettre_number:n {#1}
9 }
10 }
11 \NewDocumentCommand { \lettre } { s 0{} } {
12 \IfBooleanTF{#1}{
13 __letgut_lettre:nnn { #2 } { } {
14 \tl_if_empty:nF {#2}{
15 \c_space_tl\no
16 }
17 }
18 }{
19 __letgut_lettre:nnn { #2 } { } { }

```

```

20 }
21 }
22 \NewDocumentCommand { \lettregut } { s 0{} } {
23 \IfBooleanTF{#1}{
24 __letgut_lettre:nnn { #2 } { \c_space_tl \c__letgut_gutenberg_tl }
25 { \c_space_tl\no }
26 }{
27 __letgut_lettre:nnn { #2 } { \c_space_tl \c__letgut_gutenberg_tl }
28 { }
29 }
30 }

```

The `\lettre` and `\lettregut` can be used in titles, sections, etc. (involving bookmarks) but, because their last argument isn't a mandatory one, they would have an inconsistent behavior if used with their star or their optional argument (see <https://tex.stackexchange.com/q/427557/18401>).

### Foreign locutions

```

1 \cs_new_protected:Npn __letgut_emphasis:n #1
2 {
3 \emph{#1}
4 }
5 \NewDocumentCommand { \foreignloc } { m } {
6 __letgut_emphasis:n {#1}
7 }
8 \NewDocumentCommand { \latinloc } { m } {
9 __letgut_emphasis:n {#1}
10 }

```

### Unicode code points

```

1 \cs_new_protected:Npn __letgut_unicode_code:nn #1 #2
2 {
3 U+\bgroup\addfontfeature{Numbers={Lining,Proportional}}#2\egroup
4 \tl_if_empty:nF {#1}{
5 \c_space_tl
6 ({\addfontfeature{RawFeature={smcp,c2sc}}#1})
7 }
8 }
9 \NewDocumentCommand { \Ucode } { O{} m } {
10 __letgut_unicode_code:nn {#1}{#2}
11 }

```

### Bookmarks handling

We disabling some commands when their arguments have to go to bookmarks.

```

1 \hook_gput_code:nnn { begindocument/end } { . }{
2 \pdfstringdefDisableCommands{
3 \RenewExpandableDocumentCommand\person { m }{#1}
4 \RenewExpandableDocumentCommand\author { m }{#1}
5 \RenewExpandableDocumentCommand \package { s 0{} m }{
6 \IfBooleanT{#1}{\c__letgut_package_tl\c_space_tl}#3
7 }
8 \RenewExpandableDocumentCommand\class { s 0{} m }{
9 \IfBooleanT{#1}{\c__letgut_class_tl\c_space_tl}#3
10 }

```

```

11 \RenewExpandableDocumentCommand\file { s m }{
12 \IfBooleanT{#1}{\c__letgut_file_tl\c_space_tl}#2
13 }
14 \RenewExpandableDocumentCommand\software { s 0{ } m }{
15 \IfBooleanT{#1}{\c__letgut_software_tl\c_space_tl}#3
16 }
17 \RenewExpandableDocumentCommand\foreignloc{ m }{#1}
18 \RenewExpandableDocumentCommand\latinloc{ m }{#1}
19 \RenewExpandableDocumentCommand\lettre{ }{Lettre}
20 \RenewExpandableDocumentCommand\gutenberg{ }{GUTenberg}
21 \RenewExpandableDocumentCommand\gut{ }{\gutenberg}
22 \RenewExpandableDocumentCommand\lettregut{ }{
23 \lettre\c_space_tl\gutenberg
24 }
25 \RenewExpandableDocumentCommand\Cahier{ }{Cahier}
26 \RenewExpandableDocumentCommand\Cahiers{ }{\Cahier s}
27 \RenewExpandableDocumentCommand\cahier{ }{Cahier}
28 \RenewExpandableDocumentCommand\cahiers{ }{\cahier s}
29 \RenewExpandableDocumentCommand\cahiergut{ }{
30 \cahier\c_space_tl\gutenberg
31 }
32 \RenewExpandableDocumentCommand\cahiersgut{ }{
33 \cahier s\c_space_tl\gutenberg
34 }
35 \RenewExpandableDocumentCommand\letgut{ }{letgut}
36 \RenewExpandableDocumentCommand\letgutcls{ }{classe~ letgut}
37 \RenewExpandableDocumentCommand\knuth{ }{Donald~ E.~ Knuth}
38 \RenewExpandableDocumentCommand\lampoport{ }{Leslie~ Lampoort}
39 \RenewExpandableDocumentCommand\linux{ }{GNU/Linux}
40 \RenewExpandableDocumentCommand\macos{ }{macOS}
41 \RenewExpandableDocumentCommand\windows{ }{Windows}
42 }
43 }

```

## Acronyms

The following command let us define acronyms. The arguments are as follows :

- #1 : optional argument that let us override the default settings of this command,
- #2 : the uppercase version of both the id and the short form of the acronym,
- #3 : the long form (in French if #4 has -NoValue-, in English otherwise),
- #4 : the French translation of an English acronym.

```

1 \cs_new_protected:Nn __letgut_acronym:nnnn
2 {
3 \hook_gput_code:nnn { begindocument/before } { . }{
4 \IfValueTF {#4}{
5 \tl_if_empty:nTF {#4}{
6 \exp_args:Nx \DeclareAcronym{\text_lowercase:n {#2}}{
7 short = \text_lowercase:n {#2},
8 sort= #2,
9 long = {\emph{#3}},
10 extra-long = {anglais},
11 pdfstring = #2,
12 short-acc = #2,

```

```

13 #1
14 }
15 }{
16 \exp_args:Nx \DeclareAcronym{\text_lowercase:n {#2}}{
17 short = \text_lowercase:n {#2},
18 sort= #2,
19 long = {#4},
20 foreign = {#3},
21 foreign-babel = english,
22 foreign-locale = anglais,
23 pdfstring = #2,
24 short-acc = #2,
25 #1
26 }
27 }
28 }{
29 \exp_args:Nx \DeclareAcronym{\text_lowercase:n {#2}}{
30 short = \text_lowercase:n {#2},
31 sort= #2,
32 long = {#3},
33 pdfstring = #2,
34 short-acc = #2,
35 #1
36 }
37 }

```

The  $\langle id \rangle$  of the acronym will automatically be the name of a public command ( $\langle id \rangle$ ) acting as  $\backslash ac\langle id \rangle$ .

```

1 \exp_after:wN \cs_if_exist:cT { \text_lowercase:n {#2} } {
2 \msg_note:nnn{letgut}{Existing~command}{#2}
3 }
4 \exp_args:Nc \ProvideDocumentCommand
5 { \text_lowercase:n {#2} } { s } {
6 \IfBooleanTF {##1}{
7 \exp_args:Nx \acs { \text_lowercase:n {#2} }
8 }{
9 \exp_args:Nx \ac { \text_lowercase:n { #2 } }
10 }
11 }

```

We want the command  $\langle id \rangle$  to work also in bookmarks (the resulting string will be the uppercased acronym).

```

1 \pdfstringdefDisableCommands
2 {
3 \exp_after:wN
4 \def\cs:w \text_lowercase:n {#2} \cs_end: { #2 }
5 }
6 }
7 }

```

The first occurrences of the acronyms will be displayed in their short forms, with the long ones in footnotes. But what about acronyms whom first occurrences arise within footnotes? We want them to be displayed as their short forms followed by their the

long form in parentheses. For this, we have to add a boolean at the beginning (and reversed at the end) of the `\footnote` command to know whether we currently are in a footnote or not and display the acronym accordingly.

BTW, we hack the `\footnote` command in order to mimic the `multiple` option of the `footmisc` package (consecutive `\footnote` commands make their corresponding footnote marks separated by commas). See <https://tex.stackexchange.com/a/62091>.

```

1 \let__letgut_next_token:\relax
2 \cs_new_protected:Npn __letgut_next_token_is_footnote:
3 {\if_meaning:w\footnote__letgut_next_token:,\fi}
4 \NewCommandCopy{__letgut_old_footnote}{\footnote}
5 \RenewDocumentCommand {\footnote} { 0{} m }{
6 \bool_set_true:N \l__letgut_in_footnote_bool
7 \tl_if_empty:nTF {#1}{
8 __letgut_old_footnote { #2 }
9 }{
10 __letgut_old_footnote [#1] { #2 }
11 }
12 \bool_set_false:N \l__letgut_in_footnote_bool
13 \futurelet__letgut_next_token__letgut_next_token_is_footnote:
14 }

```

We change a bit both the footnote acro template, the `description` list template, and the macro which prints the locale.

```

1 \DeclareAcroProperty{extra-foreign}
2 \DeclareAcroProperty{extra-long}
3 \RenewAcroTemplate {footnote}
4 {
5 \acrowrite {short}
6 \acroiffirstT
7 {

```

If we are in a footnote, first occurrences of the acronyms are displayed as “short (long)”. Otherwise, they are displayed as “short<sup>1</sup>”.

```

1 \bool_if:NTF \l__letgut_in_footnote_bool {
2 \space
3 (
4 \acroifT {alt} { \acrotranslate {or} ~ \acrowrite {alt} ~ }
5 \acroifT {foreign} { \acrowrite {foreign} }
6 \acrowrite {long}
7 \acrogroupcite
8)
9 }{
10 \acfootnote
11 {
12 \acroifT {alt} {
13 \acrotranslate {or} ~ \acrowrite {alt} :~
14 }
15 \acroifT {foreign} { \acrowrite {foreign} }
16 \acrowrite {long}
17 \acroifT {extra-long} { ~ [\acrowrite {extra-long}] }

```

---

1. long

```

18 \acroifT {extra-foreign} {
19 \c_space_tl [\acrowrite {extra-foreign}]
20 }
21 \acrogroupcite
22 }
23 }
24 }
25 }
26 \RenewAcroTemplate[list]{description}{%
27 \acroheading
28 \acropreamble
29 \begin{description}
30 \acronymmapF{%
31 \item[\acrowrite{short}\acroifT{alt}{/\acrowrite{alt}}]
32 \acroifT{foreign}{
33 \acrowrite{foreign}\acroifT{extra}{, }
34 }%
35 \acroifT{extra}{\acrowrite{extra}}%
36 \acroifanyT{foreign,extra}{\acspace (}%
37 \acrowrite{list}%
38 \acroifT {extra-foreign} {
39 , \c_space_tl \acrowrite {extra-foreign}
40 }
41 \acroifanyT{foreign,extra}{})}%
42 \acropagefill
43 \acropages
44 {\acrotranslate{page}\nobreakspace}
45 {\acrotranslate{pages}\nobreakspace}%
46 }
47 {\item\AcroRerun}
48 \end{description}
49 }
50 % #1: id
51 % #2: property
52 % #3: text
53 \cs_set_protected:Npn \acro_locale:nnn #1#2#3
54 {
55 \acro_if_foreign:nTF {#2}
56 {
57 \acro_if_locale:nnTF {#1} {#2}
58 {
59 __acro_foreign_language:en
60 { \str_lowercase:e {
61 \acro_property_get:nn {#1} {foreign-babel}
62 }
63 }
64 {#3}
65 \bool_if:NTF \l__acro_list_bool
66 { \bool_if:NT \l__acro_list_show_locale_bool }
67 { \bool_if:NT \l__acro_show_locale_bool }
68 {
69 {

```

```

70 \l__acro_locale_format_tl
71 {
72 \acro_property_if_set:nnTF {#1} {
73 foreign-locale
74 }
75 {
76 \acspace
77 [
78 \acro_property_get:nn {#1} {
79 foreign-locale
80 }
81]
82 }{
83 \baselanguage
84 {
85 \acro_property_get:nn {#1} {
86 foreign-babel
87 }
88 }
89 }
90 }
91 }
92 :~
93 }
94 }
95 {#3}
96 }
97 {#3}
98 }

```

Now, the document command that let the user create acronyms.

```

1 \NewDocumentCommand{\letgutacro}{ O{} m m o }
2 {
3 __letgut_acronym:nnnn {#1} {#2} {#3} {#4}
4 }

```

For printing the acronyms, we define two new heading templates for the structure levels `\title` and `\subtitle`.

```

1 \NewAcroTemplate[heading] {title}
2 { \title { \acrolistname } }
3 \NewAcroTemplate[heading] {subtitle}
4 { \subtitle { \acrolistname } }

```

We make `\letgutacro` available only in the preamble part of the document (otherwise, no warning from `acro` but only the long form of the acronym is printed when used for the first time with `\ac`).

```

1 \@onlypreamble\letgutacro

```

### Referencing sections and the like

We create a public command that lets the user easily reference sections and the like that aren't numbered with the classe `letgut`.

```

1 \NewDocumentCommand{\vrefsection}{m}
2 {
3 __letgut_vref_section:n {#1}

```



```

4 }
5 \cs_new_protected:Nn __letgut_vref_section:n
6 {
7 \enquote{\nameref{#1}}
8 \c_space_tl
9 \vpageref{#1}
10 }

```

### Schedules

We create a public command that lets the user easily typeset schedules according to French typographic rules

```

1 \NewDocumentCommand{\schedule}{ m m }
2 {
3 __letgut_schedule:nn {#1}{#2}
4 }
5 \cs_new_protected:Nn __letgut_schedule:nn
6 {
7 #1\,h\,#2
8 }

```

### Bibliography

We want the `\citeauthor` command to display, not only the last, but the full name of the authors.

```

1 \NewCommandCopy{__letgut_old_citeauthor}{
2 \citeauthor
3 }
4 \RenewDocumentCommand {\citeauthor} { O{} O{} m } {
5 \AtNextCite{
6 \DeclareNameAlias{labelname}{given-family}
7 \protected\def\mkbibnamefamily#1{%
8 \textnohyphenation{#1}}%
9 }
10 __letgut_old_citeauthor[#1][#2]{#3}
11 }

```

### Book reviews

```

1 \tl_new:N \l__letgut_bookreview_frontcover_tl
2 \tl_new:N \g__letgut_bookreview_bibkey_tl

```

The keys options are created.

```

1 \keys_define:nn { letgut/bookreview }
2 {
3 title .tl_gset:N = \g__letgut_bookreview_title_tl,
4 frontcover .tl_set:N = \l__letgut_bookreview_frontcover_tl,
5 bibkey .tl_gset:N = \g__letgut_bookreview_bibkey_tl,
6 reviewer .tl_gset:N = \g__letgut_bookreview_reviewer_tl,
7 price .tl_gset:N = \g__letgut_bookreview_price_tl,

```

All these options, when used, must receive a value.

```

1 title .value_required:n = true,
2 frontcover .value_required:n = true,
3 bibkey .value_required:n = true,
4 reviewer .value_required:n = true,
5 }

```

We create the new environment for the book reviews.

```

1 \cs_generate_variant:Nn \msg_warning:nnn { nnV }
2 \cs_generate_variant:Nn \msg_error:nnnn { nnVV }
3 \NewDocumentEnvironment{bookreview}{ m }
4 {
5 \tl_gclear:N \g__letgut_bookreview_price_tl
6 \keys_set:nn { letgut/bookreview } { #1 }
7 \section{\g__letgut_bookreview_title_tl}
8 \tl_if_empty:NTF \l__letgut_bookreview_frontcover_tl {
9 \msg_warning:nnV{letgut}{frontcover-missing}
10 \g__letgut_bookreview_title_tl
11 }{

```

We check if the front cover file is available against the list of accepted extensions of the graphicx package.

```

1 \clist_map_inline:Nn \Gin@extensions {
2 \file_if_exist:nT{\l__letgut_bookreview_frontcover_tl##1}{
3 \bool_set_true:N \l__letgut_tmpa_bool
4 \clist_map_break:
5 }
6 }
7 \bool_if:NTF \l__letgut_tmpa_bool {
8 \marginpar{
9 \hspace*{\c__letgut_bookreview_frontcover_margin_sep_dim}
10 % \raggedleft
11 \raisebox{-\totalheight}{
12 \fbox{
13 \includegraphics*[width=-\c__letgut_title_hoffset_dim]{
14 \l__letgut_bookreview_frontcover_tl
15 }
16 }
17 }
18 }
19 }{
20 \msg_error:nnVV
21 {letgut}
22 {frontcover-file-not-found}
23 \g__letgut_bookreview_title_tl
24 \l__letgut_bookreview_frontcover_tl
25 }
26 }
27 \noindent
28 \fullcite{\g__letgut_bookreview_bibkey_tl}
29 \tl_if_empty:NF \g__letgut_bookreview_price_tl{
30 .\c_space_tl\num{\g__letgut_bookreview_price_tl}\nobreakspace €
31 }
32 \par

```

```

33 }{
34 \exp_args:NV \author \g__letgut_bookreview_reviewer_tl
35 \bool_if:NT \g__letgut_included_files_attached_bool {
36 \seq_map_inline:Nn \g__letgut_added_bib_resources_seq {
37 \file_if_exist:nT {##1}{
38 \seq_gput_right:Nn \g__letgut_included_files_seq {
39 \textattachfile[
40 description={
41 Fichier~ bibliographique~ utilisé~ dans~ le~
42 présent~ article~ (fichier~ \tl_to_str:n{##1}`)
43 },
44 mimetype=application/x-bib
45]
46 {\tl_to_str:n{##1}}
47 {\c__letgut_attachment_icon_tl}
48 }
49 }
50 }
51 }
52 }

```

## Keyboard keys

We make use of the Linux Biolinum Keyboard font and extend somehow the \LKey provided by the package `biolinum` in order to more easily write keyboard keys for usual characters on French keyboards.

```

1 \DeclareRobustCommand*\LKey[1]{%
2 \ifx#10\biolinumKeyGlyph{zero}% % spurious space removed 2016/06/24
3 \else\ifx#11\biolinumKeyGlyph{one}%
4 \else\ifx#12\biolinumKeyGlyph{two}%
5 \else\ifx#13\biolinumKeyGlyph{three}%
6 \else\ifx#14\biolinumKeyGlyph{four}%
7 \else\ifx#15\biolinumKeyGlyph{five}%
8 \else\ifx#16\biolinumKeyGlyph{six}%
9 \else\ifx#17\biolinumKeyGlyph{seven}%
10 \else\ifx#18\biolinumKeyGlyph{eight}%
11 \else\ifx#19\biolinumKeyGlyph{nine}%
12 \else\ifx#1à\biolinumKeyGlyph{agrave}%
13 \else\ifx#1À\biolinumKeyGlyph{Agrave}%
14 \else\ifx#1â\biolinumKeyGlyph{acircumflex}%
15 \else\ifx#1Â\biolinumKeyGlyph{Acircumflex}%
16 \else\ifx#1é\biolinumKeyGlyph{eacute}%
17 \else\ifx#1É\biolinumKeyGlyph{Eacute}%
18 \else\ifx#1è\biolinumKeyGlyph{egrave}%
19 \else\ifx#1È\biolinumKeyGlyph{Egrave}%
20 \else\ifx#1ê\biolinumKeyGlyph{ecircumflex}%
21 \else\ifx#1Ê\biolinumKeyGlyph{Ecircumflex}%
22 \else\ifx#1ë\biolinumKeyGlyph{edieresis}%
23 \else\ifx#1Ë\biolinumKeyGlyph{Edieresis}%
24 \else\ifx#1î\biolinumKeyGlyph{icircumflex}%
25 \else\ifx#1Î\biolinumKeyGlyph{Icircumflex}%
26 \else\ifx#1ï\biolinumKeyGlyph{idieresis}%

```



```

7 \normalfont
8 \ttfamily
9 \itshape
10 \textcolor{#1}{$\langle\!#2\!\rangle$}
11 \egroup
12 }
13 \hook_gput_code:nnn { begindocument/end } { . }{
14 \DeclareDocumentCommand{\meta}{ O{__letgut_meta} m } {
15 __letgut_meta:nn {#1}{#2}
16 }
17 }

```

### Input of articles

We create our own `\input` command for the articles of the Lettre with the following characteristics :

- The previous style is applied automatically. Hence, the keywords defined in a previous file (by loading some particular (La)TeX dialects, i.e. control sequences and keywords specific to some class or packages) won't interfere with the ones of the current file.
- All the acronyms are reset (each acronym is developed at its first occurrence).
- The source file of the article is attached to the PDF (if desired, otherwise, use the starred version).

We first create a function that attach to the PDF a file only if it exists in the current directory and is non empty. This will be applied to both the `localconf.tex` and `pre-documentclass.tex` files below.

```

1 \cs_new_protected:Npn __letgut_attach_non_empty_existing_file:n #1 {
2 \file_get_size:nN {./#1.tex} \l__letgut_tmpa_tl
3 \quark_if_no_value:NF \l__letgut_tmpa_tl {
4 \tl_if_eq:NnF \l__letgut_tmpa_tl {0} {
5 \file_if_exist:nTF {#1}{
6 \seq_gput_left:Nn \g__letgut_included_files_seq {
7 \textattachfile[
8 description={Source~ nécessaire~ (fichier~ `#1.tex`)},
9 mimetype=application/x-tex]
10 {#1.tex}
11 {\c__letgut_attachment_icon_tl}
12 }
13 }
14 }
15 }
16 }
17
1 \cs_new_protected:Npn __letgut_input_article:nn #1 #2
2 {
3 \FloatBarrier
4 \lstset{ style=__letgut_reset_listings_styles }
5 \acresetall%
6 \etocsetlevel{section}{1}
7 \def\toclevel@section{1}%
8 \etocsetlevel{subsection}{2}
9 \def\toclevel@subsection{2}%

```

```

10 \etocsetlevel{subsubsection}{3}
11 \def\toclevel@subsubsection{3}%
12 \etocsetlevel{paragraph}{4}
13 \def\toclevel@paragraph{4}%
14 \etocsetlevel{subparagraph}{5}
15 \def\toclevel@subparagraph{5}%
16 \tl_gset:Nn \g__letgut_current_article_filename_tl {#2.etoc}
17 \file_if_exist_input:n {#2.etoc}
18 \begin{refsection}
19 \input{#2}%
20 \end{refsection}
21 \bool_if:NT \g__letgut_included_files_attached_bool {
22 \IfBooleanF {#1}{
23 __letgut_attach_non_empty_existing_file:n {
24 \c__letgut_local_config_file_tl
25 }
26 __letgut_attach_non_empty_existing_file:n {
27 \c__letgut_pre_documentclass_file_tl
28 }
29 \seq_gput_left:Nn \g__letgut_included_files_seq {
30 \textattachfile[
31 description={Source~ du~ présent~ article~ (fichier~ `#2.tex`)}
32 },
33 mimetype=application/x-tex]
34 {#2.tex}
35 {\c__letgut_attachment_icon_tl}
36 }
37 \bool_if:NT \g__letgut_acronyms_file_attached_bool {
38 \seq_gput_right:No \g__letgut_included_files_seq {
39 \c__letgut_acronyms_file_attached_tl
40 }
41 }
42 \bool_if:NT \g__letgut_lstlanguage_file_attached_bool {
43 \seq_gput_right:No \g__letgut_included_files_seq {
44 \c__letgut_lstlanguage_file_attached_tl
45 }
46 }
47 \seq_remove_duplicates:N \g__letgut_included_files_seq
48 \seq_use:Nn \g__letgut_included_files_seq { \c_space_tl }
49 \seq_clear:N \g__letgut_included_files_seq
50 \bool_gset_false:N \g__letgut_acronyms_file_attached_bool
51 \bool_gset_false:N \g__letgut_lstlanguage_file_attached_bool
52 }
53 }
54 \NewDocumentCommand{\inputarticle}{ s m }{
55 __letgut_input_article:nn { #1 } { #2 }
56 }

```

### Included graphics attached to the PDF

We hack the `\includegraphics` command in order to attach the included graphics to the PDF (if desired, otherwise, use the starred version).

```

1 \NewCommandCopy {_letgut_orig_includegraphics} {\includegraphics}
2 \clist_set:Nx \l__letgut_tmpa_clist {\Gin@extensions}
3 \cs_new_protected:Npn _letgut_includegraphics:nnn #1 #2 #3
4 {
5 \file_if_exist:nTF {./#3} {
6 \bool_if:NT \g__letgut_included_files_attached_bool {
7 \IfBooleanF {#1}{
8 \seq_gput_left:Nn \g__letgut_included_files_seq {
9 \textattachfile[
10 description={
11 Fichier~ image~ inclus~ dans~ le~
12 présent~ article~ (fichier~ `#3`)
13 },
14 mimetype=image
15]{./#3}
16 {\c__letgut_attachment_icon_tl}
17 }
18 }
19 }
20 _letgut_orig_includegraphics[#2]{./#3}
21 }{
22 \bool_gset_false:N \g__letgut_tmpa_bool
23 \clist_map_inline:Nn \l__letgut_tmpa_clist {%
24 \file_if_exist:nT {./#3##1} {
25 \clist_map_break:n {
26 \bool_if:NT \g__letgut_included_files_attached_bool {
27 \IfBooleanF {#1}{
28 \seq_gput_left:Nn \g__letgut_included_files_seq {
29 \textattachfile[
30 description={Fichier~ image~ inclus~ dans~ le~ présent~
31 article~ (fichier~ `#3##1`)},
32 mimetype=image/##1
33]{./#3##1}
34 {\c__letgut_attachment_icon_tl}
35 }
36 }
37 }
38 _letgut_orig_includegraphics[#2]{#3}
39 \bool_gset_true:N \g__letgut_tmpa_bool
40 }
41 }
42 % \bool_if:NF \g__letgut_tmpa_bool {
43 % \@latex@error{File~ `#3'~ not~ found}%
44 % {I~ could~ not~ locate~ the~ file~ with~ any~ of~ these~
45 % extensions:^^J%
46 % \clist_use:Nn \l__letgut_tmpa_clist { ~ }^^J\@ehc}%
47 % }
48 }
49 \RenewDocumentCommand {\includegraphics} {s O{} m } {
50 _letgut_includegraphics:nnn {#1} {#2} {#3}

```

51 }

### Added bibliographic resources attached to the PDF

We hack the `\addbibresource` command in order to attach the bibliographic resources to the PDF.

```

1 \cs_new:Nn __letgut_extract_file_for:nn
2 {
3 \seq_clear:N \g__letgut_added_bib_resources_seq
4 \regex_extract_all:nnNT
5 {
6 \c{ #1 } \[?.*?\]? \{ (.*?) \}
7 }
8 {
9 #2
10 }
11 \g__letgut_added_bib_resources_seq
12 {
13 \seq_map_indexed_inline:Nn \g__letgut_added_bib_resources_seq {
14 \int_if_odd:nT {##1}
15 {
16 \seq_gset_item:Nnn \g__letgut_added_bib_resources_seq {##1} {}
17 }
18 }
19 \seq_gremove_duplicates:N \g__letgut_added_bib_resources_seq
20 \seq_gpop:NN \g__letgut_added_bib_resources_seq \l_tmpa_tl
21 }
22 }
23 \NewCommandCopy {__letgut_orig_addbibresource} {\addbibresource}
24 \cs_new_protected:Npn __letgut_addbibresource:nnn #1 #2 #3
25 {
26 __letgut_orig_addbibresource[#2]{#3}
27 }
28 \RenewDocumentCommand {\addbibresource} { s O{} m } {
29 __letgut_addbibresource:nnn {#1} {#2} {#3}
30 }
31 \hook_gput_code_with_args:nnn { cmd/sa@gobble/before } { . } {
32 __letgut_extract_file_for:nn { addbibresource }{ #1 }
33 }

```

### Added acronym definitions file attached to the PDF

We hack the `\ac` and `\acs` commands in order to attach the acronym definitions file to the PDF.

```

1 \bool_if:NT \g__letgut_included_files_attached_bool {
2 \tl_const:Nn \c__letgut_acronyms_file_attached_tl {
3 \file_if_exist:nTF {\g__letgut_effective_acronyms_file_t}{
4 \textattachfile[
5 description={
6 Source~ du~ fichier~ d'acronymes~ utilisé~ dans~
7 le~ présent~ article~
8 (fichier~ ` \c__letgut_acronyms_file_tl.tex`)
9 },
10 mimetype=application/x-tex]%

```



```

11 {\g__letgut_effective_acronyms_file_tl}%
12 {\c__letgut_attachment_icon_tl}
13 }
14 }
15 \hook_gput_code:nnn { cmd/ac/before } { . }{
16 \bool_gset_true:N \g__letgut_acronyms_file_attached_bool
17 }
18 \hook_gput_code:nnn { cmd/acs/before } { . }{
19 \bool_gset_true:N \g__letgut_acronyms_file_attached_bool
20 }
21 }

```

### Added letgut listings language file attached to the PDF

We hack the `\ac` and `\acs` commands in order to attach the acronym definitions file to the PDF.

```

1 \bool_if:NT \g__letgut_included_files_attached_bool {
2 \file_if_exist:nTF {../\c__letgut_lstlanguage_file_tl}{
3 \tl_const:Nn \c__letgut_lstlanguage_file_attached_tl {
4 \textattachfile[
5 description={
6 Source~ du~ fichier~ de~ langues~ informatiques~ utilisé~
7 dans~ le~ présent~ article~
8 (fichier~ ``\c__letgut_lstlanguage_file_tl`)
9 },
10 mimetype=application/x-tex]%
11 {../\c__letgut_lstlanguage_file_tl}%
12 {\c__letgut_attachment_icon_tl}
13 }
14 }{
15 \tl_const:Nn \c__letgut_lstlanguage_file_attached_tl {}
16 }
17 \hook_gput_code:nnn { env/ltx-code/before } { . }{
18 \bool_gset_true:N \g__letgut_lstlanguage_file_attached_bool
19 }
20 \hook_gput_code:nnn { env/ltx-code-result/before } { . }{
21 \bool_gset_true:N \g__letgut_lstlanguage_file_attached_bool
22 }
23 \hook_gput_code:nnn { env/ltx-code-external-result/before } { . }{
24 \bool_gset_true:N \g__letgut_lstlanguage_file_attached_bool
25 }
26 }

```

### Listings

We define a style for all the listings which resets all the T<sub>E</sub>X control sequences and keywords, and fix some defaults.

```

1 \lstdefinestyle{__letgut_reset_listings_styles}{
2 basicstyle=\ttfamily,
3 breaklines,
4 language=TeX,%
5 texcs={},%
6 language={},%
7 keywords={},%

```

```

8 keywords=[2]{},%
9 keywords=[3]{},%
10 keywords=[4]{},%
11 keywords=[5]{},%
12 otherkeywords={},%
13 alsoletter={},%
14 alsodigit={},%
15 escapechar=f,
16 columns=fullflexible,
17 keepspaces=true,
18 upquote=true,
19 showstringspaces=false,

```

If line numbers are asked, they should always have the same layout and not be selectable (hence the `\_letgut_unselectable:n`).

```

1 numbersep=\c_letgut_number_sep_dim,
2 numberstyle=\scriptsize\ttfamily
3 \color{_letgut_foregroundLinenumber}
4 _letgut_unselectable:n {} ,

```

Because of a current issue involving `parskip` and `listings` (<https://github.com/FrankMittelbach/fmtex-parskip/issues/3>), we have to set the skip below the displayed listings to a (almost) zero length. We do the same for the above skip.

```

1 aboveskip={0\p@ \@plus 6\p@},
2 belowskip={0\p@ \@plus 6\p@},
3 }

```

We define as short equivalent of `\lstinline` the character `™` which is unlikely to be used in ordinary text.

```

1 \lstMakeShortInline[breaklines=false]™

```

We start with an empty listings style.

```

1 \lstset{ style=_letgut_reset_listings_styles }

```

## LaTeX listings and examples

We define the colors for the syntax highlighting of LaTeX listings.

```

1 \colorlet{_letgut_textcs}{blue}
2 \colorlet{_letgut_comment}{gray}
3 \colorlet{_letgut_argument_specification_separator}{red}
4 \colorlet{_letgut_argument_specification}{cyan}
5 \colorlet{_letgut_mandatory_argument}{purple}
6 \colorlet{_letgut_environment}{teal}
7 \colorlet{_letgut_key}{_letgut_mandatory_argument}
8 \colorlet{_letgut_value}{violet}
9 \colorlet{_letgut_optional_argument}{_letgut_key}
10 \colorlet{_letgut_math}{green!50!black}

```

We add our own language files taken in account by the package `listings`. They will be considered after the other usual ones, if found. They are searched firstly in the current directory, secondly in the parent directory, thirdly in the TDS.

```

1 \def\lstlanguagefiles{
2 % lstlang0.sty,
3 lstlang1.sty,
4 lstlang2.sty,
5 lstlang3.sty,

```

```

6 ./\c__letgut_lstlanguage_file_tl,
7 ..\c__letgut_lstlanguage_file_tl,
8 \c__letgut_lstlanguage_file_tl,
9 }

```

We define a listing style specific to L<sup>A</sup>T<sub>E</sub>X listings.

```

1 \lstdefinestyle{__letgut_latex_listings_style}{
2 language=TeX,%
3 alsolanguage=[AllaTeX]TeX,%
4 alsolanguage=[LaTeX]TeX,%
5 alsolanguage=[plain]TeX,%
6 alsolanguage=[common]TeX,%
7 alsolanguage=[primitive]TeX,%
8 alsolanguage=[extendedLaTeX]TeX,%
9 alsolanguage=[classes]TeX,%
10 texcsstyle=*\color{__letgut_texcs},
11 commentstyle=\color{__letgut_comment}\itshape,
12 keywordstyle= \color{__letgut_argument_specification_separator},
13 keywordstyle={2}\color{__letgut_environment}},
14 keywordstyle={3}\color{__letgut_key}},
15 keywordstyle={4}\color{__letgut_value}},
16 keywordstyle={5}\color{__letgut_argument_specification}},
17 keywordstyle={6}\color{__letgut_key}},
18 numbers=left,

```

The listings package defines some of the LaTeX's environments as keywords of order 1. This would force us to do the same in our own language driver file but would ruin our effort to stylize in a special way (in red) other keywords (see `otherkeywords={...}`) that are stylized as keywords of order 1. Hence, we delete these keywords of order 1 and will add them as keywords of order 2 like all the environments in our own language driver file (in the extendedLaTeX dialect that we load by default).

```

1 deletekeywords={%
2 array,center,displaymath,document,enumerate,eqnarray,%
3 equation,flushleft,flushright,itemize,list,lrbox,math,minipage,%
4 picture,sloppypar,tabbing,tabular,trivlist,verbatim,%
5 },%
1 literate=*%
2 {\ \ \ \}{\color{__letgut_texcs}\textbackslash\textbackslash}}{2}%
3 {\ \ [}{\textcolor{__letgut_math}\textbackslash[}}{2}%
4 {\ \]}{\textcolor{__letgut_math}\textbackslash]}}{2}%
5 {\ \$}{\textcolor{__letgut_math}\$}}{1}%$
6 }

```

We first define some colors used in the listings and examples.

```

1 \definecolor{__letgut_backgroundCode}{cmyk}{0,0,0,0.04}
2 \definecolor{__letgut_borderCode}{cmyk}{0,0,0,0.45}
3 \definecolor{__letgut_foregroundLinenumber}{cmyk}{0,0,0,0.5}
4 \definecolor{__letgut_foregroundMention}{cmyk}{0,0,0,0}
5 \definecolor{__letgut_backgroundResult}{cmyk}{0,0,0,0}

```

For the listings and examples, we rely on package `tcolorbox`, and more specifically on some of its libraries.

```

1 \tcbuselibrary{listings,breakable,skins,hooks,documentation}

```

We want some common settings for all the `~tcolorbox~`s.

```

1 \tcbset{
2 breakable,
3 sharp~ corners,
4 fonttitle=\sffamily\bfseries,
5 }

```

The functions :

- `\__letgut_code_result_mention_box:n` draws the mentions “code” and “résultat” in the codes boxes and the possible corresponding results boxes,
- `\__letgut_title_code_result_box:n` for the title of codes and the results boxes : “Exemple” followed by the number of the example and, if a title addon option is provided, the specified title addon.

```

1 \cs_new_protected:Npn __letgut_code_result_mention_box:n #1 #2
2 {
3 \node[
4 minimum~ width=1cm,
5 minimum~ height=\c__letgut_height_mentions_dim,
6 outer~ sep=auto,
7 anchor=north~ east,
8 fill=__letgut_borderCode
9]~ at~ (#1)
10 {
11 \itshape
12 \small
13 \color{__letgut_foregroundMention}
14 __letgut_unselectable:n {#2}
15 };
16 }
17 \cs_new_protected:Npn __letgut_title_code_result_box:n #1
18 {
19 Exemple\nobreakspace\thetcbcounter
20 \tl_if_empty:nF {#1} { \hypersetup{hidelinks} \c_space_tl\textendash
21 \c_space_tl #1 }
22 }
23 % \cs_new_protected:Nn __letgut_on_callout_page:nn
24 % {
25 % \int_set:Nn \l__letgut_tmpa_int {\getpagerefnumber{#1}}
26 % \int_set:Nn \l__letgut_tmpb_int {\thepage}
27 % \int_compare:nNnF {\l__letgut_tmpa_int} = {\l__letgut_tmpb_int}
28 % {#2}
29 % }

```

We define the style of the codes.

```

1 \tl_set:Nn \l__letgut_reference_text_tl {
2 Cf.~\vref{\g__letgut_label_ltx_example_str}.
3 }
4 \tcbset{
5 __letgut_code/.style={
6 listing~ options={
7 style=__letgut_latex_listings_style,
8 },

```

```

9 every~ float=\raggedleft,
10 colback=__letgut_backgroundCode,
11 boxrule=0.25mm,
12 colframe=__letgut_borderCode,
13 sidebyside~ align=top~ seam,
14 toprule~ at~ break=0mm,
15 bottomrule~ at~ break=0mm,
16 colbacktitle=__letgut_borderCode,
17 fonttitle=\sffamily\bfseries,
18 before~ title={
19 \tl_set:Nn \l__letgut_tex_stuff_font_switch_tl {\rmfamily}
20 },

```

We define a custom package `tcolorbox`'s `title` addon option that let us specify an addon to the title which will added after the automatically generated title “Exemple *<number>*”.

```

1 title~ addon/.store~ in=\l__letgut_title_addon_tl,
2 title=__letgut_title_code_result_box:n {\l__letgut_title_addon_tl},

```

We define a custom package `tcolorbox`'s `reference` text option that let us override the text of the reference for the examples with code and result side by side that are floating and not being of their call out pages.

```

1 reference~ text/.code={
2 \tl_set:Nn \l__letgut_reference_text_tl {##1}
3 },

```

We define a custom package `tcolorbox`'s `result` width option that let us specify the width of the result which is `\linewidth` by default.

```

1 result~ width/.store~ in=\l__letgut_result_width_dim,
2 result~ width=\linewidth,
3 },

```

We define more specifically the style of the codes with results.

```

1 __letgut_code_result/.style={
2 __letgut_code={#1},
3 bicolor,
4 colbacklower=__letgut_backgroundResult,
5 segmentation~ at~ break=false,
6 top=\c__letgut_height_mentions_dim,
7 middle=\c__letgut_height_mentions_dim,

```

We want the side by side code/result examples to automatically be floating.

```

1 sidebyside@true/.code={%
2 \tcb@sidebysidetrue%
3 \tcb@isbreakablefalse%
4 \pgfkeysalso{floatplacement=ht}%
5 \pgfkeysalso{float}%
6 \pgfkeysalso{label={\g__letgut_label_ltx_example_str}}%
7 \tl_set:Nx \l__letgut_tmpa_tl {
8 \getpagerefnumber {
9 \g__letgut_callout_label_ltx_example_str
10 }
11 }
12 \tl_set:Nx \l__letgut_tmpb_tl {

```

```

13 \getpagerefnumber {
14 \g__letgut_label_ltx_example_str
15 }
16 }
17 \tl_if_eq:NNF \l__letgut_tmpa_tl \l__letgut_tmpb_tl
18 {
19 \l__letgut_reference_text_tl
20 \tl_set:Nn \l__letgut_reference_text_tl {
21 Cf.\vref{\g__letgut_label_ltx_example_str}.
22 }
23 \pgfkeysalso{
24 drop~ shadow=black,
25 grow~ to~ left~ by=4cm,
26 boxed~ title~ style={sharp~ corners},
27 }
28 \pgfkeysalso{after~ title~ app=\c_space_tl (cf.\page~\thepage)}
29 }
30 },%
31 overlay={
32 \iftcb@sidebyside
33 __letgut_code_result_mention_box:nn {segmentation.north} {code}
34 __letgut_code_result_mention_box:nn {interior.north~ east} {résultat}
35 \else
36 \ifcase\tcbsegmentstate
37 % 0 = Box contains only an upper part
38 __letgut_code_result_mention_box:nn {interior.north~ east} {code}
39 \or%
40 % 1 = Box contains an upper and a lower part
41 __letgut_code_result_mention_box:nn {interior.north~ east} {code}
1 \int_compare:nNnT {\thetcbbreakpart} > {1} {~(suite)}
2 }
3 __letgut_code_result_mention_box:nn {
4 [yshift=.1mm]segmentation.east
5 } {résultat}
6 \else%
7 % 2 = Box contains only a lower part
8 __letgut_code_result_mention_box:nn {interior.north~ east} {résultat}
1 \int_compare:nNnT {\thetcbbreakpart} > {1} {~(suite)}
2 }
3 \fi
4 \fi
5 },
6 },
7 }

```

The package `tcolorbox` listings defined below make use of package `cleveref`'s features. But, since the latter package is loaded `\hook_gput_code:nnn { begindocument /before } { . }`, the same is needed for these listings.

```
1 \hook_gput_code:nnn { begindocument/before } { . }{
```

We now define the environments that let us display :

1. only  $\LaTeX$  code :

```

1 \DeclareTCBListing[
2 auto~ counter,
3 crefname={exemple}{exemples}
4]{ltx-code}{ !0{ } }{%
5 __letgut_code,
6 listing~ only,
7 #1%
8 }

```

1. both L<sup>A</sup>T<sub>E</sub>X code and its result :

(a) ordinary :

```

1 \DeclareTCBListing[
2 use~ counter~ from=ltx-code,
3 crefname={exemple}{exemples}
4]{ltx-code-result}{ !0{ } }{%
5 __letgut_code_result,
6 #1%
7 }

```

1. with the result obtained externally :

```

1 \DeclareTCBListing[
2 use~ counter~ from=ltx-code,
3 crefname={exemple}{exemples}
4]{ltx-code-external-result}{ 0{ m } }{%
5 __letgut_code_result,
6 listing~ and~ comment,
7 image~ comment={width=\l__letgut_result_width_dim}{#2},
8 center~ lower,
9 #1%
10 }
1 }

```

The examples with code and result side by side will be floating but we want the ones being of their call out pages to have before and after them a reduced vertical glue (`\g__letgut_reduced_intextsep_dim`). Hence we store the original glue (`\intextsep`) in a custom one (`\g__letgut_orig_intextsep_dim`) in order to retrieve the original skip for floats other than these ones.

```

1 \skip_const:Nn \c__letgut_reduced_intextsep_skip {
2 4\p@ \@plus .667\p@ \@minus .667\p@
3 }

```

We now use hooks in order to...

```

1 \hook_gput_code:nnn { env/ltx-code-result/before } { . }{
2 \int_gincr:N \g__letgut_ltx_example_int
3 \str_set:Nx \g__letgut_label_ltx_example_str {
4 \c__letgut_label_ltx_example_str-
5 \int_use:N \g__letgut_ltx_example_int
6 }
7 \str_set:Nx \g__letgut_callout_label_ltx_example_str {
8 \c__letgut_callout_label_ltx_example_str-
9 \int_use:N \g__letgut_ltx_example_int
10 }

```

```

11 \label{\g__letgut_callout_label_ltx_example_str}
12 \tl_set:Nx \l__letgut_tmpa_tl {
13 \getpagerefnumber {
14 \g__letgut_callout_label_ltx_example_str
15 }
16 }
17 \tl_set:Nx \l__letgut_tmpb_tl {
18 \getpagerefnumber {
19 \g__letgut_label_ltx_example_str
20 }
21 }
22 \tl_if_eq:NNF \l__letgut_tmpa_tl \l__letgut_tmpb_tl
23 {
24 \skip_set_eq:NN \intextsep \c__letgut_reduced_intextsep_skip
25 }
26 }

```

Since the syntax highlighting is reset at each `\input`, the `ltx-code-*` environments above provide syntax highlighting only for the commands of the TeX dialects specified in the class. So we provide a specific command that let us specify (the dialects of) the main language (TeX by default) for which we want syntax highlighting. This assumes that the commands and keywords of these packages are listed (properly, according to the listings package syntax) in the `'lstlang0.sty'` or `letgut-lstlang.sty` files.

```

1 \cs_new_protected:Npn __letgut_tcbset:n #1
2 {
3 \tcbset{
4 __letgut_code/.append~ style={
5 listing~ options~ app={
6 #1
7 }
8 }
9 }
10 }
11 \cs_new_protected:Npn __letgut_alsolanguage_list:nn #1 #2
12 {

```

To reduce syntax highlighting conflicts, we reset all previous ones each time a new one is asked.

```

1 \lstset{%
2 style=__letgut_reset_listings_styles,%
3 }
4 \tl_if_empty:nTF {#1} {
5 \tl_set:Nx \l__letgut_tmpa_tl {
6 alsolanguage={#2}
7 }
8 \exp_args:NV __letgut_tcbset:n \l__letgut_tmpa_tl
9 }{
10 \seq_set_from_clist:Nn \l__letgut_tmpa_seq {#1,extLaTeX}
11 \seq_set_map_e:NNn \l__letgut_tmpb_seq \l__letgut_tmpa_seq {
12 alsolanguage={[#1]#2}
13 }
14 \tl_set:Ne \l__letgut_tmpa_tl
15 {

```



```

16 \seq_use:Nn \l__letgut_tmpb_seq {,}
17 }
18 \exp_args:NV __letgut_tcbset:n \l__letgut_tmpa_tl
19 }
20 }
21 \NewDocumentCommand{\syntaxhl}{ 0{TeX} m}{%
22 __letgut_alsolanguage_list:nn {#2} {#1}
23 }

```

## Terminal listings

We define a command dedicated to terminal stdin and stdout.

```
1 \hook_gput_code:nnn { begindocument/before } { . }{
```

We define a listing style specific to these terminal commands.

```

1 \definecolor{__letgut_terminal_prompt}{RGB}{204,0,0}
2 \colorlet{__letgut_terminal_comment}{gray!80}
3 \definecolor{__letgut_terminal_commands}{RGB}{241,124,81}
4 \definecolor{__letgut_terminal_keywords}{RGB}{173,127,168}
5 \definecolor{__letgut_terminal_variables}{RGB}{114,159,207}
6 \colorlet{__letgut_terminal_utilities}{__letgut_terminal_commands}
7 \definecolor{__letgut_terminal_strings}{RGB}{78,154,6}
8
9 \lstdefinestyle{__letgut_terminal_listings_style}{
10 commentstyle= \color{__letgut_terminal_comment},
11 keywordstyle= \color{__letgut_terminal_commands},
12 keywordstyle={[2]\color{__letgut_terminal_keywords}},
13 keywordstyle={[3]\color{__letgut_terminal_utilities}},
14 stringstyle= \color{__letgut_terminal_strings},
15 literate=*%
16 {$}\{\textcolor{__letgut_terminal_variables}{\$}}\{1}\%$
17 }

```

We define a dialect which is missing in the package `listings`.

```

1 \lstdefinelanguage{terminal}{%
2 morekeywords={%
3 alias,bg,bind,break,builtin,caller,cd,command,compgen,%
4 complete,compopt,continue,declare,dirs,disown,echo,enable,%
5 eval,exec,exit,export,fc,fg,getopts,hash,help,history,%
6 jobs,kill,let,local,logout,mapfile,popd,printf,pushd,pwd,%
7 read,readarray,readonly,return,set,shift,shopt,source,%
8 suspend,test,times,trap,type,typeset,ulimit,umask,unalias,%
9 unset,wait,%
10 },%
11 morekeywords=[2]{%
12 case,do,done,elif,else,esac,fi,for,function,if,in,select,%
13 then,time,until,while,%
14 },%
15 morekeywords=[3]{%
16 apropos,apt,apt-get,aptitude,aspell,at,awk,base32,base64,%
17 basename,bash,bc,bzip2,cal,cacat,cfdisk,chatr,chgrp,%
18 chkconfig,chmod,chown,chpasswd,chroot,cksum,clear,cmp,comm,%
19 cp,cpio,cron,crontab,csplit,curl,cut,date,dc,dd,ddrescue,%
20 df,diff,diff3,dig,dir,dircolors,dirname,dmesg,dos2unix,%
21 dpkg,du,egrep,eject,env,ethtool,expand,expr,false,fdformat,%

```

```

22 fdisk, fgrep, file, find, fmt, fold, format, free, fsck, ftp, fuser, %
23 gawk, grep, groupadd, groupdel, groupmod, groups, gzip, head, %
24 hostname, htop, iconv, id, ifconfig, ifdown, ifup, import, install, %
25 iostat, ip, join, killall, less, link, ln, locate, logname, look, %
26 lpc, lpr, lprint, lprintd, lprintq, lprm, ls, lsattr, lsblk, lsof, %
27 lspci, make, man, mkdir, mkfifo, mkfile, mkisofs, mknod, mktemp, %
28 mmv, more, most, mount, mtools, mtr, mv, nc, netstat, nft, nice, nl, %
29 nohup, notify-send, nslookup, op, open, passwd, paste, pathchk, %
30 Perf, pgrep, ping, pkill, pr, printcap, printenv, ps, pv, quota, %
31 quotacheck, ram, rar, rcp, reboot, remsync, rename, renice, rev, rm, %
32 rmdir, rsync, scp, screen, sdiff, sed, seq, sftp, shuf, shutdown, %
33 sleep, slocate, sort, split, ss, ssh, stat, strace, su, sudo, sum, %
34 sync, tail, tar, tee, timeout, tmux, top, touch, tput, tr, %
35 traceroute, true, tsort, tty, umount, uname, unexpand, uniq, units, %
36 unix2dos, unrar, unshar, uptime, useradd, userdel, usermod, users, %
37 uuencode, uuencode, vdir, vi, vmstat, watch, wc, wget, whereis, %
38 which, who, whoami, write, xargs, xdg-open, xxd, xz, yes, zip, %
39 }, %
40 alsoletter={2346-}, %
41 morecomment=[l]\#, %
42 morestring=[d]", %
43 morestring=[d]', %
44 sensitive%
45 }[keywords, comments, strings]%

```

We define some colors used in the terminal listings.

```

1 \definecolor{__letgut_foreground_terminal_dark}{named}{black}
2 \colorlet{__letgut_background_terminal_dark_stdin}{
3 letgut_pagecolor!95!gray
4 }
5 \colorlet{__letgut_background_terminal_dark_stdout}{
6 __letgut_background_terminal_dark_stdin!60
7 }
8 \definecolor{__letgut_foreground_terminal_light}{named}{black}
9 \definecolor{__letgut_background_terminal_light_stdin}{rgb}{
10 0.99,0.975,0.98
11 }
12 \colorlet{__letgut_background_terminal_light_stdout}{
13 __letgut_background_terminal_light_stdin!40
14 }
1
1 \bool_if:NTF \g__letgut_paper_bool {
2 \colorlet{__letgut_foreground_terminal}{
3 __letgut_foreground_terminal_light
4 }
5 \colorlet{__letgut_background_terminal_stdin}{
6 __letgut_background_terminal_light_stdin
7 }
8 \colorlet{__letgut_background_terminal_stdout}{
9 __letgut_background_terminal_light_stdout
10 }
11 }{
12 \colorlet{__letgut_foreground_terminal}{

```

```

13 __letgut_foreground_terminal_dark
14 }
15 \colorlet{__letgut_background_terminal_stdin}{
16 __letgut_background_terminal_dark_stdin
17 }
18 \colorlet{__letgut_background_terminal_stdout}{
19 __letgut_background_terminal_dark_stdout
20 }
21 }

```

We define the style of the tcolorbox in which the terminal stdin and stdout will be displayed.

```

1 \tcbset{%
2 terminal/.style={%
3 colupper=__letgut_foreground_terminal,
4 collower=__letgut_foreground_terminal,
5 breakable,
6 segmentation~ at~ break=false,
7 boxrule=0mm,
8 before~ lower={\tcbset{every~ listing~ line={}}},
9 listing~ options={%
10 style=__letgut_terminal_listings_style,
11 language=terminal,
12 },
13 fontupper=\ttfamily,
14 fontlower=\ttfamily,
15 },
16 }

```

We now define the command.

```

1 \cs_new_protected:Npn __letgut_terminal:nnnn #1 #2 #3 #4
2 {
3 \bool_set_false:N \l__letgut_tmpa_bool
4 \tl_if_empty:nTF {#3}{
5 \tl_if_empty:nTF {#4}{
6 \bool_set_true:N \l__letgut_tmpa_bool
7 }{
8 \tcbset{colback=__letgut_background_terminal_stdout}
9 }
10 }{
11 \tcbset{colback=__letgut_background_terminal_stdin}
12 \tl_if_empty:nF {#4}{
13 \tcbset{
14 bicolor,
15 colbacklower=__letgut_background_terminal_stdout,
16 }
17 }
18 }
19 \bool_if:NF \l__letgut_tmpa_bool {
20 \begin{tcolorbox}[terminal,#2]
21 \lstset{aboveskip=0pt}
22 \tl_if_empty:nF {#3}{
23 \tl_if_empty:nF {#1}{

```

```

24 \textcolor{__letgut_terminal_prompt}{%
25 \ttfamily%
26 \bfseries%
27 __letgut_unselectable:n {#1\c_space_tl}
28 }
29 }
30 #3
31 \tl_if_empty:nF {#4}{
32 \tcblower
33 }
34 }
35 \tl_if_empty:nF {#4}{
36 \tl_if_empty:nF {#3}{
37 \lstset{aboveskip=0pt}
38 }
39 \tcbset{
40 every~ listing~ line={},
41 listing~ options~ app={
42 language={}
43 }
44 }
45 #4
46 }
47 \end{tcolorbox}
48 }
49 }
50 \NewDocumentCommand{\terminal}{ O{\$} O{ } +v +v}{
51 __letgut_terminal:nnnn {#1} {#2} {#3} {#4}
52 }

```

We close the `\hook_gput_code:nnn { begindocument/before } { . } argument.`

```
1 }
```

### Unicode characters with positions above 256

Unicode characters with positions above 256 cause troubles in listings. Here is a workaround for some of them (see <https://tex.stackexchange.com/a/25396>).

```

1 \lst@InputCatcodes
2 \def\lst@DefEC{%
3 \lst@CCECUse \lst@ProcessLetter
4 ^^80^^81^^82^^83^^84^^85^^86^^87^^88^^89^^8a^^8b^^8c^^8d^^8e^^8f%
5 ^^90^^91^^92^^93^^94^^95^^96^^97^^98^^99^^9a^^9b^^9c^^9d^^9e^^9f%
6 ^^a0^^a1^^a2^^a3^^a4^^a5^^a6^^a7^^a8^^a9^^aa^^ab^^ac^^ad^^ae^^af%
7 ^^b0^^b1^^b2^^b3^^b4^^b5^^b6^^b7^^b8^^b9^^ba^^bb^^bc^^bd^^be^^bf%
8 ^^c0^^c1^^c2^^c3^^c4^^c5^^c6^^c7^^c8^^c9^^ca^^cb^^cc^^cd^^ce^^cf%
9 ^^d0^^d1^^d2^^d3^^d4^^d5^^d6^^d7^^d8^^d9^^da^^db^^dc^^dd^^de^^df%
10 ^^e0^^e1^^e2^^e3^^e4^^e5^^e6^^e7^^e8^^e9^^ea^^eb^^ec^^ed^^ee^^ef%
11 ^^f0^^f1^^f2^^f3^^f4^^f5^^f6^^f7^^f8^^f9^^fa^^fb^^fc^^fd^^fe^^ff%
12 ^^^^201c% for "
13 ^^^^201d% for "
14 ^^^^215b% for ¼
15 ^^^^2122% for ™
16 ^^^^2019% for '
17 ^^^^0153% for œ

```

```

18 ^^^^0152% for €
19 ^^^^20ac% for €
20 ^^^^27e8% for
21 ^^^^27e9% for
22 ^^^^2026% for ...
23 ^^00%
24 }
25 \lst@RestoreCatcodes

```

## Local config file

Each issue of the Lettre requires certain local configurations : configuration dedicated to the issue in question, particular packages used in the articles, specific configurations of the package `listings`, etc. In order to not clutter the main fichier `.tex` of the Lettre, a local configuration file named `localconf.tex`, if present in the current directory, is automatically included at the end the preamble. And since this file is input in the current category régime (`\ExplSyntaxOn`), a `\ExplSyntaxOff` is automatically inserted at its beginning.

```

1 \file_if_exist:nT {./\c__letgut_local_config_file_tl}{
2 \@pushfilename
3 \xdef\@currname{\c__letgut_local_config_file_tl}
4 \input {./\c__letgut_local_config_file_tl}
5 \@popfilename
6 }

```

We don't want the book review entry types to be listed in the bibliography (they appears only thanks to the bookreview environment).

```

1 \ExecuteBibliographyOptions[bookreview]{skipbib,skiplab}
1 % \debug_off:n{all}
1 \endinput

```

## (bibtex) Data model

We give the (bibtex) data model that enriches the default one for several purposes :

- the books reviews,
- the books advertisements.

```

1 \ProvidesFile{letgut.lbx}[2026-02-16 v0.9.14 letgut localization]
2 \InheritBibliographyExtras{french}
3 \DeclareBibliographyStrings{
4 inherit = {french},
5 number = {{\no}{\no}},
6 volume = {{volume}{vol\adddot}},
7 volumes = {{volumes}{vol\adddot}},
8 }

```

We create the new bibliography driver bookreview (that seems to create the corresponding new entry).

```

1 \ProvidesFile{letgut.dbx}[2026-02-16 v0.9.14 letgut data model macros]
2 \DeclareBibliographyDriver{bookreview}{%
3 \usebibmacro{bibindex}%
4 \usebibmacro{begentry}%
5 \usebibmacro{author/editor+others/translator+others}%
6 \setunit{\printdelim{nametitle\delim}}

```

```

7 \newblock
8 \usebibmacro{maintitle+title}%
9 \newunit
10 \printlist{language}%
11 \newunit\newblock
12 \usebibmacro{byauthor}%
13 \newunit\newblock
14 \usebibmacro{byeditor+others}%
15 \newunit\newblock
16 \printfield{edition}%
17 \newunit
18 \iffieldundef{maintitle}
19 {\printfield{volume}%
20 \printfield{part}}
21 {}%
22 \newunit
23 \printfield{volumes}%
24 \newunit\newblock
25 \usebibmacro{series+number}%
26 \newunit\newblock
27 \printfield{note}%
28 \newunit\newblock
29 \usebibmacro{publisher+location+date}%
30 \newunit\newblock
31 \usebibmacro{chapter+pages}%
32 \newunit
33 \printfield{pagetotal}%
34 \newunit\newblock
35 \iftoggle{bbx:isbn}
36 {\printfield{isbn}}
37 {}%
38 \newunit\newblock
39 \usebibmacro{doi+eprint+url}%
40 \newunit\newblock
41 \usebibmacro{addendum+pubstate}%
42 \setunit{\bibpagerefpunct}\newblock
43 \usebibmacro{pageref}%
44 \newunit\newblock
45 \iftoggle{bbx:related}
46 {\usebibmacro{related:init}%
47 \usebibmacro{related}}
48 {}%
49 \finentrypunct
50 \usebibmacro{finentry}}

```

We provide a specific biblatex citation style .

```

1 \ProvidesFile{letgut.cbx}[2026-02-16 v0.9.14 letgut base citation style]
2 \RequireCitationStyle{numeric}

```

The books reviewed have their titles not only emphasized, but in bold face as well...

```

1 \DeclareFieldFormat[bookreview]{title}{\textbf{\emph{#1}}}

```

... but not their subtitles.

```

1 \renewbibmacro*{title}{%
2 \ifboolexpr{
3 test {\iffieldundef{title}}
4 and
5 test {\iffieldundef{subtitle}}
6 }
7 {}
8 {\printtext[title]{%
9 \printfield[titlecase]{title}%
10 \setunit{\subtitlepunct}}%
11 \printfield[emph]{subtitle}%
12 \newunit}%
13 \printfield{titleaddon}}

```

## Provided files

### Example file of an issue of the newsletter

```

1 % Hey, Emacs! This is a -*- mode: latex -*- file!
2
3 \documentclass{letgut}
4
5 \letgutsetup{
6 % % Option booléenne pour la version finale de la Lettre.
7 % % L'option contraire `draft` (par défaut) affiche
8 % % « Brouillon » en filigrane et actionne le package
9 % % `lua-typo`.
10 %
11 % , final
12 %
13 % % Option coloriant le fond de la page d'une couleur
14 % % par défaut (`1.0, 0.98, 0.94` en « rgb ») mais
15 % % modifiable au moyen de l'option `pagecolor` ci-dessous.
16 %
17 % , paper
18 %
19 % % Numéro de la Lettre
20 %
21 % , number=44
22 %
23 % % Date de la Lettre. Celle-ci est déduite de la
24 % % date du jour, mais peut être spécifiée sous la forme
25 % % AAAA-MM (avec garde-fous) ou librement
26 % % (p. ex. `date=Printemps 2021`).
27 %
28 % , date=2025-16
29 %
30 % % Couleur de la page, à spécifier selon le modèle « rgb ».
31 %
32 % , pagecolor={1.0, 0.1, 0.94}
33 %
34 % % Couleur des hyperliens, à spécifier selon le modèle
35 % % « named ».

```

```
36 %
37 % , allcolorlinks=cyan
38 %
39 % % Un (r)appel à cotisation est automatiquement ajouté
40 % % en 1re page. Si on ne le souhaite pas, il suffit de
41 % % passer l'option `membership-reminder=false`.
42 %
43 % , membership-reminder=false
44 %
45 % % Si un fichier `editorial.tex`, on s'en doute censé
46 % % contenir l'éditorial, est présent dans le répertoire
47 % % courant, son contenu est automatiquement ajouté en
48 % % 1re page. Si un tel fichier est absent du répertoire
49 % % courant, une alerte est affichée à la place, sauf si,
50 % % parce qu'on ne souhaite pas d'éditorial, on passe
51 % % l'option `editorial=false`.
52 %
53 % , editorial=false
54 %
55 % % Les informations concernant GUTenberg, si elles
56 % % figurent dans un fichier `informations-gut.tex`
57 % % présent dans le répertoire courant, sont
58 % % automatiquement ajoutées en dernière page.
59 % % Si on ne souhaite pas que figurent ces
60 % % informations, il suffit de passer l'option
61 % % `informations=false`.
62 %
63 % , informations=false
64 %
65 % % Lors de la conception d'un numéro de la Lettre,
66 % % il peut être utile d'avoir un plan détaillé au
67 % % maximum de l'ensemble du document. C'est ce que
68 % % permet l'option `detailedtoc`.
69 %
70 % , detailedtoc
71 %
72 % % Les fichiers sources sont attachés au PDF si et seulement si la
73 % % Lettre est
74 % % à la fois en version pour les lecteurs (option `for-readers` activée
75 % % par
76 % % défaut) et en sortie écran (option `screen` activée par défaut). L'
77 % % option
78 % % `reverse-files-attachement` inverse ce comportement par défaut.
79 %
80 %
81 % \setmainfont{TeX Gyre Schola} % Par exemple
82 %
83 % \usepackage[maths=both]{duckuments}
84 % \usepackage{mwe}
```



```

85
86 % \addbibresource{biblio.bib}
87
88 \begin{document}
89 \duckument
90 \end{document}
91
92 %% Local Variables:
93 %% TeX-engine: luatex
94 %% TeX-master: t
95 %% End:

```

### Example of an editorial

```

1 Ceci est un intéressant éditorial de la \lettregut{}
2 dans lequel on peut causer de l'\ag{} et du \ca{}
3 de l'association. Il peut aussi y être question du \ctan.
4
5 \lipsum[1-5]
6
7 \begin{figure}[ht]
8 \centering
9 \includegraphics[width=.7\linewidth]{example-image}
10 \caption{Ducks ?}
11 \label{fig:ducks}
12 \end{figure}
13
14 \lipsum[6-10]

```

### xindex configuration file

```

1 -----
2 -- FILE: xindex-letgut.lua
3 -- DESCRIPTION: configuration file for xindex.lua
4 -- REQUIREMENTS:
5 -- AUTHOR: Denis Bitouzé
6 -- LICENSE: LPPL1.3
7 --
8 -- $Id: xindex-letgut.lua 2026-02-16 dbitouze $
9 -----
10
11 if not modules then modules = { } end modules ['xindex-cfg'] = {
12 version = 0.42,
13 comment = "French configuration to xindex.lua",
14 author = "Denis Bitouzé",
15 copyright = "Denis Bitouzé",
16 license = "LPPL 1.3"
17 }
18
19 itemPageDelimiter = "," -- Hello, 14
20 compressPages = true -- something like 12--15, instead of
 12,13,14,15. the |(... |) syntax is still valid

```

```

21 fCompress = false -- 3f -> page 3, 4 and 3ff -> page 3, 4, 5
22 minCompress = 2 -- 14--17 or
23 rangeSymbol = "-"
24 numericPage = true -- for non numerical pagenumbers, like "
 VI-17"
25 sublabels = {"", "\\,", "\\,", "\\,"} -- for the (sub(sub(
 sub-items first one is for item
26 pageNoPrefixDel = "" -- a delimiter for page numbers like "VI-
 17" -- not used !!!
27 indexOpening = "" -- commands after envStart
28 idxnewletter = "\\textbf" -- Only valid if -n is not set
29 envStart = "\\begin{theindex}"
30 envStop = "\\end{theindex}"

```

### Informations about GUTenberg

```

1 % Hey, Emacs! This is a -*- mode: latex -*- file!
2
3 % Définitions d'équivalents de hline mais orientés booktabs pour
 tabularray
4 % (cf. https://github.com/lvjr/tabularray/issues/592#issuecomment-
 2943189151)
5 \DeclareTblrKeys{table/inner}{
6 toprule .meta:n = {
7 hline{#1} = {wd = 0.08em}
8 },
9 bottomrule .meta:n = {
10 hline{#1} = {wd = 0.08em}
11 },
12 midrule .meta:n = {
13 hline{#1} = {wd = .03em}
14 },
15 cmidrule .meta:n = {
16 hline{#1} = {1-2}{wd = 0.5pt, lr, endpos},
17 hline{#1} = {3-4}{wd = 0.5pt, lr, endpos}
18 },
19 }
20 \enlargethispage{1.5cm}
21 \scriptsize
22 \vspace*{-1cm}
23 \hspace*{-1.5cm}%
24 \raisebox{-\height+0.7\baselineskip}{%
25 \begin{minipage}[t]{.6\textwidth}%\vspace{0pt}%
26 \includegraphics*[width=\linewidth]{logo-gut.pdf}
27 \end{minipage}%
28 }%
29 \hfill%
30 \begin{minipage}[t]{.4\textwidth}%\vspace{0pt}%
31 \scriptsize\raggedleft%
32 Association \gut{} \\
33 15 rue des Halles \\
34 \textsc{bp} 74 \\
35 75001 Paris \\

```

```

36 France \
37 \nolinkurl{secretariat@gutenberg-asso.fr}
38 \end{minipage}
39
40 \begin{description}
41 \item[Site Internet :] \url{https://gutenberg-asso.fr/}
42 \item[\Cahiers{} :] \url{https://cahiers.gutenberg-asso.fr/} et
43 \url{https://www.numdam.org/journals/CG/}
44 \item[\lettre{} :] \url{https://lettre.gutenberg-asso.fr/}
45 \item[Problèmes \TeX{}niques :]
46 \leavevmode
47 \begin{description}
48 \item[liste d'entraide :]
49 \url{https://gutenberg-asso.fr/-Listes-de-diffusion-}
50 \item[site de questions et réponses :]
51 \url{https://texnique.fr/}
52 \item[foire aux questions :]
53 \url{https://faq.gutenberg-asso.fr/}
54 \end{description}
55 \end{description}
56
57 \alertbox{%
58 \raggedright%
59 Cette association est la vôtre : faites-nous part de
60 vos idées, de vos envies, de vos préoccupations
61 à l'adresse \nolinkurl{secretariat@gutenberg-asso.fr}.
62
63 Adhérents, vous pouvez aussi échanger sur la vie de l'association sur
64 la liste
65 de diffusion \nolinkurl{adherents@gutenberg-asso.fr}.%
66 }
67 \title{Adhésion à l'association}
68 \label{letgut_label_adhesions}
69 \scriptsize%
70 \alertbox{%
71 \raggedright%
72 \gut{} étant reconnue d'intérêt général, vous recevrez en temps voulu
73 un
74 justificatif vous permettant de bénéficier d'une réduction fiscale de
75 66~\% du montant de votre cotisation ou de votre don.%
76 }
77 \begin{itemize}
78 \item % Adhésions et abonnements
79 Les adhésions sont à renouveler en début d'année
80 pour l'année civile.
81 % \item Il n'y a pas de lettre de rappel, chaque membre
82 % doit faire son renouvellement annuel; %\hspace*{1em}
83 % merci de renvoyer spontanément le bulletin ci-dessous
84 % en début d'année.
85 \item Les administrations peuvent joindre un bon de commande
86 revêtu de la signature de la personne responsable ;

```

```

86 les étudiants doivent joindre un justificatif.
87 % \item Si vous souhaitez que vos coordonnées restent
88 % confidentielles, merci de le signaler.
89 \end{itemize}
90
91 \section[Tarifs \the\year]{Tarifs\footnote{Dans ce tableau, une personne
92 physique à tarif réduit est étudiant, demandeur d'emploi ou plus
93 largement
94 toute personne non redevable de l'impôt sur le revenu (sur
95 présentation d'un
96 justificatif) ; un organisme peut être doté ou non de la
97 personnalité
98 morale : laboratoire de recherche public, etc.} \the\year}
99
100 Les membres de \gut\ peuvent adhérer à l'association internationale, le
101 %\tug{}
102 \acl\tug\ (\acs\tug), et recevoir son bulletin \tugboat\ à un tarif
103 préférentiel\footnote{En tarif normal, 70~€ (au lieu de 90~\$) ; en
104 tarif
105 réduit, 45~€ (au lieu de 65~\$).} :
106
107 \begin{center}
108 \begin{tblr}{
109 colspec = { 1 r l },
110 toplule = {1-2},
111 midrule = {3-Y},
112 cell{1}{2} = {c=2}{1},
113 column{2} = {rightsep=0pt},
114 row{1} = {font=\bfseries},
115 rowsep=1pt,
116 }
117 Type d'adhésion & Prix &
118 \\
119 Personne physique & 30~€ &
120 \\
121 Personne physique + adhésion \textsc\tug & 100~€ & (
122 \$=\$ 30~€ + 70~€) \\
123 Personne physique à tarif réduit & 10~€ &
124 \\
125 Personne physique à tarif réduit + adhésion \textsc\tug & 55~€ & (
126 \$=\$ 10~€ + 45~€) \\
127 Association d'étudiants & 65~€ &
128 \\
129 Organisme ou association à but non lucratif & 130~€ &
130 \\
131 Personne morale à but lucratif & 195~€ &
132 \\
133 \end{tblr}
134 \end{center}
135
136 \section{Règlements}
137
138

```

```

125 Les règlements peuvent s'effectuer par :
126 \begin{itemize}
127 % \item virement bancaire%
128 % \footnote{L'\textsc{iban} de l'association
129 % est à demander au secrétariat.}
130 % % FR76 1870 7000 3003 0191 3568 475)% banque pop
131 % % FR76 3000 3001 0900 0372 6086 280)% socgen Gap, compte courant
132 % \leavevmode
133 %
134 % \alertbox{%
135 % Veuillez à bien \emph{indiquer vos nom et prénom}
136 % dans les références du virement !%
137 % }
138 \item paiement en ligne sécurisé\footnote{En carte
139 bancaire.} :
140 \url{https://gutenberg-asso.fr/Adherer-en-ligne}
141 \item bulletin et chèque :
142 \url{https://gutenberg-asso.fr/Adherer-a-l-association}
143 \end{itemize}
144
145 \vfill
146
147 \begin{center}
148 \begin{tblr}{
149 width=.8\linewidth,
150 colspec={
151 % < (Just not to disturb the parentheses
152 % balancing detection of my editor.)
153 >{\microtypesetup{protrusion=false}}r X
154 },
155 vline{1,Z},
156 hline{1,Z},
157 rowsep=0mm,
158 row{1} = {abovesep+=.25cm},
159 row{7} = {belowsep+=.25cm},
160 cell{1-2}{1} = {c=2}{c},
161 column{1} = {rightsep=0pt,font=\bfseries},
162 row{2} = {belowsep+=.125cm,font=\mdseries},
163 }
164 \emph{La \lettregut}
165 \\
166 \mdseries Bulletin irrégulomestriel \& apériodique de l'association
167 \gut \\
168 Directeur de la publication : & P.~Bideault
169 \\
170 Comité de rédaction : & P.~Bideault, D.~Bitouzé, C.~
171 Chevalier \& B.~Dumont \\
172 Adresse de la rédaction : & Association \gut
173 \\
174 & 15 rue des Halles -- \textsc{bp} 74
175 -- 75001 Paris \\
176 \acs{issn} : & \letgutissn

```

```

\
171 \end{tblr}
172 \end{center}
173 \vfill
174 \mbox{}
175 \clearpage

```

## Acronyms

```

1 % Hey, Emacs! This is a -*- mode: latex -*- file!
2
3 %%%
4 % Acronymes anglais %
5 %%%
6 \letgutacro%
7 {CTAN}%
8 {\href{https://www.ctan.org/}{Comprehensive \hologo{TeX} Archive
9 Network}}%
10 [réseau complet d'archives \hologo{TeX}]
11
12 \letgutacro%
13 {PDF}%
14 {Portable Document Format}%
15 [format de document portable]
16
17 \letgutacro%
18 {URL}%
19 {Uniform Resource Locator}%
20 [localisateur uniforme de ressource ou, plus clairement, format des
21 adresses du Web]
22
23 \letgutacro%
24 {ORCID}%
25 {Open Researcher and Contributor \textsc{id}}%
26 [identifiant ouvert pour chercheur et contributeur]
27
28 \letgutacro[extra-foreign=souvent librement traduit en \enquote{foire
29 %aux questions}}]
30 {FAQ}%
31 {Frequently Asked Questions}%
32 [questions fréquemment posées]
33
34 \letgutacro%
35 {SVG}%
36 {Scalable Vector Graphics}%
37 [graphiques vectoriels extensibles]
38
39 \letgutacro%
40 {DNS}%
41 {Domain Name System}%
42 [système de noms de domaine]
43
44 \letgutacro%

```

```
45 {VPS}%
46 {Virtual Private Server}%
47 [serveur dédié virtuel]
48
49 \letgutamacro%
50 {LDAP}%
51 {Lightweight Directory Access Protocol}%
52 [protocole d'accès à répertoire léger, système garantissant
53 l'authentification d'utilisateurs de plusieurs services dispersés]
54
55 \letgutamacro%
56 {OTF}%
57 {Open Type Format}%
58 []
59
60 \letgutamacro%
61 {DOI}%
62 {Digital Object Identifier}%
63 [identifiant numérique d'objet]
64
65 \letgutamacro%
66 {ISSN}%
67 {International Standard Serial Number}%
68 [numéro international normalisé des publications en série]
69
70 \letgutamacro%
71 {TUG}%
72 {\hologo{TeX} User Group}%
73 [groupe (international) d'utilisateurs de \hologo{TeX}]
74
75 \letgutamacro%
76 {WCAG}%
77 {Web Content Accessibility Guidelines}%
78 [directives sur l'accessibilité du contenu Web]
79
80 \letgutamacro%
81 {HTML}%
82 {HyperText Markup Language}%
83 [langage de balises pour l'hypertexte]
84
85 \letgutamacro%
86 {CSS}%
87 {Cascading Style Sheets}%
88 [feuilles de style en cascade]
89
90 \letgutamacro%
91 {UTF}%
92 {Universal (Character Set) Transformation Format}%
93 [format de transformation (du jeu) universel (de caractères codés)]
94
95 \letgutamacro[short=\emph{Ti}\emph{k}Z}, short-format=\em, foreign-babel=
 german, foreign-locale=allemand]
```

```
96 {TIKZ}%
97 {Ti\emph{k}Z ist \emph{kein} Zeichenprogramm}%
98 [Ti\emph{k}Z \emph{n'}est \emph{pas} un programme de dessin]
99
100 \letgutacro%
101 {PGF}%
102 {Portable Graphics Format}%
103 [format de graphiques portable]
104
105 \letgutacro%
106 {GPL}%
107 {\textsc{gnu} General Public License}%
108 [licence publique générale \textsc{gnu}]
109
110 \letgutacro%
111 {OFL}%
112 {SIL Open Font License}%
113 []
114
115 \letgutacro%
116 {DVI}%
117 {DeVice-Independent}%
118 [indépendant du type de périphérique]
119
120 \letgutacro%
121 {PS}%
122 {PostScript}%
123 []
124
125 \letgutacro%
126 {DVIPS}%
127 {\acs{dvi}-to-\acs{ps} (translator)}%
128 [(convertisseur) \acs{dvi} vers \acs{ps}]
129
130 \letgutacro%
131 {IPA}%
132 {International Phonetic Alphabet}%
133 [alphabet phonétique international]
134
135 \letgutacro%
136 {TIPA}%
137 {\hologo{TeX} \acs{ipa} or Tokyo \acs{ipa}}%
138 [alphabet phonétique international]
139
140 \letgutacro%
141 {XML}%
142 {eXtensible Markup Language}%
143 [langage de balisage extensible]
144
145 \letgutacro%
146 {APA}%
147 {American Psychological Association}%
```



```
148 [association américaine de psychologie]
149
150 \letgutamacro%
151 {OS}%
152 {Operating System}%
153 [système d'exploitation]
154
155 \letgutamacro%
156 {BSD}%
157 {Berkeley Software Distribution}%
158 [collection de logiciels de Berkeley]
159
160 \letgutamacro%
161 {IMAP}%
162 {Internet Message Access Protocol}%
163 []
164
165 \letgutamacro%
166 {SMTP}%
167 {Simple Mail Transfer Protocol}%
168 [protocole simple de transfert de courrier]
169
170 \letgutamacro%
171 {RTF}%
172 {Rich Text Format}%
173 [format de texte enrichi]
174
175 \letgutamacro%
176 {WYSIWYG}%
177 {What You See Is What You Get}%
178 [ce que vous voyez est ce que vous obtenez]
179
180 \letgutamacro%
181 {ISO}%
182 {\href{https://www.iso.org/home.html}{International Organization for
183 Standardization}}%
184 [\href{https://www.iso.org/fr/home.html}{organisation internationale de
185 normalisation}]
186
187 \letgutamacro%
188 {OFF}%
189 {Open Font Format}%
190 [format de fonte ouvert]
191
192 \letgutamacro%
193 {CSV}%
194 {Comma-separated values}%
195 [valeurs séparées par des virgules]
196
197 \letgutamacro%
198 {YAML}%
199 {\textsc{yaml} Ain't Markup Language}%
```

```

200 [\textsc{yaml} n'est pas un langage de balisage (acronyme récursif)]
201
202 \letgutamacro%
203 {UCA}%
204 {Unicode Collation Algorithm}%
205 [algorithme de tris d'Unicode]
206
207 \letgutamacro%
208 {NFSS}%
209 {New Font Selection Scheme}%
210 [nouveau schéma de sélection de fonte]
211
212 \letgutamacro%
213 {ASCII}%
214 {American Standard Code for Information Interchange}%
215 [code américain normalisé pour l'échange d'information]
216
217 \letgutamacro%
218 {TDS}%
219 {\TeX{ } Directory Structure}%
220 [structure de répertoire de \TeX{ }]
221
222 %%%
223 % Acronymes français %
224 %%%
225 \letgutamacro%
226 {SMAI}%
227 {\href{http://smai.emath.fr/}{Société de Mathématiques Appliquées et
228 Industrielles}}%
229
230 \letgutamacro%
231 {AG}%
232 {Assemblée Générale}%
233
234 \letgutamacro%
235 {CA}%
236 {Conseil d'Administration}%
237
238 \letgutamacro%
239 {SHS}%
240 {Sciences Humaines et Sociales}%
241
242 \letgutamacro%
243 {IREM}%
244 {\href{https://www.univ-irem.fr/}{Instituts de Recherche sur
245 l'Enseignement des Mathématiques}}%
246
247 \letgutamacro%
248 {MEEF}%
249 {Métiers de l'Enseignement, de l'Éducation et de la Formation}%
250
251 \letgutamacro%

```

```

252 {ECM}%
253 {\href{https://texnique.fr/osqa/faq/\#custom-id-ecm}{Exemple Complet
254 Minimal}}%
255
256 \letgutacro%
257 {INSPÉ}%
258 {\href{https://www.reseau-inspe.fr/}{Instituts Nationaux Supérieurs du
259 Professorat et de l'Éducation}}%
260
261 \letgutacro[short=\textsc{gra}pp\textsc{a},short-format=\upshape]
262 {GRAppA}%
263 {Groupe de recherche en Apprentissage Automatique}%
264
265 \letgutacro%
266 {BBB}%
267 {BigBlueButton}%
268
269 \letgutacro%
270 {CV}%
271 {Curriculum Vitæ}%
272
273 \letgutacro%
274 {RGPD}%
275 {Règlement Général sur la Protection des Données}%
276
277 \letgutacro%
278 {NDLR}%
279 {Note de la Rédaction}%
280
281 \letgutacro%
282 {BTS}%
283 {Brevet de Technicien Supérieur}%
284
285 \letgutacro%
286 {APMEP}%
287 {Association des Professeurs de Mathématiques de l'Enseignement Public}%
288
289 \letgutacro%
290 {PAO}%
291 {Publication Assistée par Ordinateur}%

```

### Language driver file

```

1 % \lst@define\language[...]{TeX}{%
2 % % Control sequences names
3 % moretexcs={%
4 % },%
5 % % Keywords of class 1 : keywords that contain other characters
6 % % (since of the same class as the ones specified as 'otherkeywords')
7 % morekeywords={%
8 % },%
9 % % Keywords of class 2 : environments names
10 % morekeywords=[2]{%

```

```

11 % },%
12 % % Keywords of class 3 : mandatory arguments (not environments) &
13 % % optional arguments which are keys (in key=value)
14 % morekeywords=[3]{%
15 % },%
16 % % Keywords of class 4 : values of keys (in key=value)
17 % morekeywords=[4]{%
18 % },%
19 % % Keywords of class 5 : arguments specifications (after ":" in expl3
20 % % syntax)
21 % morekeywords=[5]{%
22 % },%
23 % % Keywords of class 6 : current package name (and possibly derived
24 % % packages)
25 % morekeywords=[6]{%
26 % %
27 % },%
28 % % otherkeywords={},
29 % % alsoletter={},
30 % % alsodigit={},%
31 % % alsoother={},%
32 % sensitive,%
33 % }[keywords,tex,comments]
34
35 \lst@definlanguage[trimclip]{TeX}{%
36 % Control sequences names
37 moretexcs={%
38 trimbox,clipbox,marginbox%
39 },%
40 % Keywords of class 1 : keywords that contain other characters
41 % (since of the same class as the ones specified as 'otherkeywords')
42 morekeywords={%
43 },%
44 % Keywords of class 2 : environments names
45 morekeywords=[2]{%
46 },%
47 % Keywords of class 3 : mandatory arguments (not environments) &
48 % optional arguments which are keys (in key=value)
49 morekeywords=[3]{%
50 },%
51 % Keywords of class 4 : values of keys (in key=value)
52 morekeywords=[4]{%
53 },%
54 % Keywords of class 5 : arguments specifications (after ":" in expl3
55 % % syntax)
56 morekeywords=[5]{%
57 },%
58 % Keywords of class 6 : current package name (and possibly derived
59 % % packages)
60 morekeywords=[6]{%
61 %
62 },%

```

```

63 % otherkeywords={},
64 % alsoletter={},
65 % alsodigit={},%
66 % alsoother={},%
67 sensitive,%
68 }[keywords, tex, comments]
69
70 \lst@definlanguage[lstfiracode]{TeX}{%
71 % Control sequences names
72 moretexcs={%
73 },%
74 % Keywords of class 1 : keywords that contain other characters
75 % (since of the same class as the ones specified as 'otherkeywords')
76 morekeywords={%
77 },%
78 % Keywords of class 2 : environments names
79 morekeywords=[2]{%
80 },%
81 % Keywords of class 3 : mandatory arguments (not environments) &
82 % optional arguments which are keys (in key=value)
83 morekeywords=[3]{%
84 },%
85 % Keywords of class 4 : values of keys (in key=value)
86 morekeywords=[4]{%
87 FiraCodeStyle%
88 },%
89 % Keywords of class 5 : arguments specifications (after ":" in expl3
90 % syntax)
91 morekeywords=[5]{%
92 },%
93 % Keywords of class 6 : current package name (and possibly derived
94 % packages)
95 morekeywords=[6]{%
96 lstfiracode%
97 },%
98 % otherkeywords={},
99 % alsoletter={},
100 % alsodigit={},%
101 % alsoother={},%
102 sensitive,%
103 }[keywords, tex, comments]
104
105 \lst@definlanguage[Scrabble]{TeX}{%
106 % Control sequences names
107 moretexcs={%
108 PlateauScrabble, ScrabblePlaceMot,%
109 ScrabbleBoard, ScrabblePutWord,%
110 },%
111 % Keywords of class 1 : keywords that contain other characters
112 % (since of the same class as the ones specified as 'otherkeywords')
113 morekeywords={%
114 },%

```

```

115 % Keywords of class 2 : environments names
116 morekeywords=[2]{%
117 EnvScrabble,%
118 },%
119 % Keywords of class 3 : mandatory arguments (not environments) &
120 % optional arguments which are keys (in key=value)
121 morekeywords=[3]{%
122 FR, EN, DE, ES, GR, SP,%
123 Echelle, Echellelabels, Cadre, Labels, Aide,%
124 Scale, ScaleLabels, Border, Help,%
125 },%
126 % Keywords of class 4 : values of keys (in key=value)
127 morekeywords=[4]{%
128 },%
129 % Keywords of class 5 : arguments specifications (after ":" in expl3
130 % syntax)
131 morekeywords=[5]{%
132 },%
133 % Keywords of class 6 : current package name (and possibly derived
134 % packages)
135 morekeywords=[6]{%
136 Scrabble%
137 },%
138 % otherkeywords={},
139 % alsoletter={},
140 % alsodigit={},%
141 % alsoother={},%
142 sensitive,%
143 }[keywords, tex, comments]
144
145 \lst@definlanguage[FiraSans]{TeX}{%
146 % Control sequences names
147 moretexcs={%
148 sfigures, firaoldstyle, firalining, firatabular, firaproportional,
149 firathin, firalight, firaextralight, firaultralight, firamedium, firabook
150 ,
151 firasemibold, firaextrabold, firaheavy,%
152 }%
153 % Keywords of class 1 : keywords that contain other characters
154 % (since of the same class as the ones specified as 'otherkeywords')
155 morekeywords={%
156 },%
157 % Keywords of class 2 : environments names
158 morekeywords=[2]{%
159 },%
160 % Keywords of class 3 : mandatory arguments (not environments) &
161 % optional arguments which are keys (in key=value)
162 morekeywords=[3]{%
163 sfdefault, scaled, scale, type1, lining, lf, oldstyle, osf, tabular, t,
164 proportional,%
165 p, book, medium, mb, semibold, sb, light, l, extralight, ultralight, thin,%
166 extrabold, heavy, default,%

```

```

165 },%
166 % Keywords of class 4 : values of keys (in key=value)
167 morekeywords=[4]{%
168 },%
169 % Keywords of class 5 : arguments specifications (after ":" in expl3
170 % syntax)
171 morekeywords=[5]{%
172 },%
173 % Keywords of class 6 : current package name (and possibly derived
174 % packages)
175 morekeywords=[6]{%
176 FiraSans%
177 },%
178 % otherkeywords={},
179 alsoletter={1},
180 % alsodigit={},%
181 % alsoother={},%
182 sensitive,%
183 }[keywords, tex, comments]
184
185 \lst@definlanguage[luagcd]{TeX}{%
186 % Control sequences names
187 moretexcs={%
188 luagcdwithsteps,%
189 },%
190 % Keywords of class 1 : keywords that contain other characters
191 % (since of the same class as the ones specified as 'otherkeywords')
192 morekeywords={%
193 },%
194 % Keywords of class 2 : environments names
195 morekeywords=[2]{%
196 },%
197 % Keywords of class 3 : mandatory arguments (not environments) &
198 % optional arguments which are keys (in key=value)
199 morekeywords=[3]{%
200 },%
201 % Keywords of class 4 : values of keys (in key=value)
202 morekeywords=[4]{%
203 },%
204 % Keywords of class 5 : arguments specifications (after ":" in expl3
205 % syntax)
206 morekeywords=[5]{%
207 },%
208 % Keywords of class 6 : current package name (and possibly derived
209 % packages)
210 morekeywords=[6]{%
211 luagcd%
212 },%
213 % otherkeywords={},
214 % alsoletter={},
215 % alsodigit={},%
216 % alsoother={},%

```

```
217 sensitive,%
218 }[keywords,tex,comments]
219
220 \lst@definlanguage[maze]{TeX}{%
221 % Control sequences names
222 moretexcs={%
223 maze,%
224 },%
225 % Keywords of class 1 : keywords that contain other characters
226 % (since of the same class as the ones specified as 'otherkeywords')
227 morekeywords={%
228 },%
229 % Keywords of class 2 : environments names
230 morekeywords=[2]{%
231 },%
232 % Keywords of class 3 : mandatory arguments (not environments) &
233 % optional arguments which are keys (in key=value)
234 morekeywords=[3]{%
235 },%
236 % Keywords of class 4 : values of keys (in key=value)
237 morekeywords=[4]{%
238 },%
239 % Keywords of class 5 : arguments specifications (after ":" in expl3
240 % syntax)
241 morekeywords=[5]{%
242 },%
243 % Keywords of class 6 : current package name (and possibly derived
244 % packages)
245 morekeywords=[6]{%
246 maze%
247 },%
248 % otherkeywords={},
249 % alsoletter={},
250 % alsodigit={},%
251 % alsoother={},%
252 sensitive,%
253 }[keywords,tex,comments]
254
255 \lst@definlanguage[animate]{TeX}{%
256 % Control sequences names
257 moretexcs={%
258 multiframe,%
259 },%
260 % Keywords of class 1 : keywords that contain other characters
261 % (since of the same class as the ones specified as 'otherkeywords')
262 morekeywords={%
263 },%
264 % Keywords of class 2 : environments names
265 morekeywords=[2]{%
266 animateinline,
267 },%
268 % Keywords of class 3 : mandatory arguments (not environments) &
```



```

269 % optional arguments which are keys (in key=value)
270 morekeywords=[3]{%
271 poster,controls,palindrome,bb,rx,%
272 },%
273 % Keywords of class 4 : values of keys (in key=value)
274 morekeywords=[4]{%
275 first,%
276 },%
277 % Keywords of class 5 : arguments specifications (after ":" in expl3
278 % syntax)
279 morekeywords=[5]{%
280 },%
281 % Keywords of class 6 : current package name (and possibly derived
282 % packages)
283 morekeywords=[6]{%
284 animate%
285 },%
286 % otherkeywords={},
287 % alsoletter={},
288 % alsodigit={},%
289 % alsoother={},%
290 sensitive,%
291 }[keywords, tex, comments]
292
293 \lst@definlanguage[tikz-mirror-lens]{TeX}{%
294 % Control sequences names
295 moretexcs={%
296 lensSphGaussFixed,%
297 },%
298 % Keywords of class 1 : keywords that contain other characters
299 % (since of the same class as the ones specified as 'otherkeywords')
300 morekeywords={%
301 },%
302 % Keywords of class 2 : environments names
303 morekeywords=[2]{%
304 },%
305 % Keywords of class 3 : mandatory arguments (not environments) &
306 % optional arguments which are keys (in key=value)
307 morekeywords=[3]{%
308 },%
309 % Keywords of class 4 : values of keys (in key=value)
310 morekeywords=[4]{%
311 },%
312 % Keywords of class 5 : arguments specifications (after ":" in expl3
313 % syntax)
314 morekeywords=[5]{%
315 },%
316 % Keywords of class 6 : current package name (and possibly derived
317 % packages)
318 morekeywords=[6]{%
319 tikz-mirror-lens%
320 },%

```

```

321 % otherkeywords={},
322 alsoletter={-},
323 % alsodigit={},%
324 % alsoother={},%
325 sensitive,%
326 }[keywords, tex, comments]
327
328 \lst@definlanguage[jeuxcartes]{TeX}{%
329 % Control sequences names
330 moretexcs={%
331 MainCartesJeu,%
332 },%
333 % Keywords of class 1 : keywords that contain other characters
334 % (since of the same class as the ones specified as 'otherkeywords')
335 morekeywords={%
336 },%
337 % Keywords of class 2 : environments names
338 morekeywords=[2]{%
339 },%
340 % Keywords of class 3 : mandatory arguments (not environments) &
341 % optional arguments which are keys (in key=value)
342 morekeywords=[3]{%
343 Eventail,10C,10K,AC,AT,AP,%
344 },%
345 % Keywords of class 4 : values of keys (in key=value)
346 morekeywords=[4]{%
347 },%
348 % Keywords of class 5 : arguments specifications (after ":" in expl3
349 % syntax)
350 morekeywords=[5]{%
351 },%
352 % Keywords of class 6 : current package name (and possibly derived
353 % packages)
354 morekeywords=[6]{%
355 jeuxcartes%
356 },%
357 % otherkeywords={},
358 alsoletter={0123456789},
359 % alsodigit={},%
360 % alsoother={},%
361 sensitive,%
362 }[keywords, tex, comments]
363
364 \lst@definlanguage[plex-otf]{TeX}{%
365 % Control sequences names
366 moretexcs={%
367 },%
368 % Keywords of class 1 : keywords that contain other characters
369 % (since of the same class as the ones specified as 'otherkeywords')
370 morekeywords={%
371 },%
372 % Keywords of class 2 : environments names

```

```

373 morekeywords=[2]{%
374 },%
375 % Keywords of class 3 : mandatory arguments (not environments) &
376 % optional arguments which are keys (in key=value)
377 morekeywords=[3]{%
378 RM
379 },%
380 % Keywords of class 4 : values of keys (in key=value)
381 morekeywords=[4]{%
382 },%
383 % Keywords of class 5 : arguments specifications (after ":" in expl3
384 % syntax)
385 morekeywords=[5]{%
386 },%
387 % Keywords of class 6 : current package name (and possibly derived
388 % packages)
389 morekeywords=[6]{%
390 plex-otf%
391 },%
392 % otherkeywords={},
393 % alsoletter={},
394 % alsodigit={},%
395 % alsoother={},%
396 sensitive,%
397 }[keywords,tex,comments]
398
399 \lst@definlanguage[mathtools]{TeX}{%
400 % Control sequences names
401 moretexcs={%
402 mathclap,DeclarePairedDelimiter,%
403 },%
404 % Keywords of class 1 : keywords that contain other characters
405 % (since of the same class as the ones specified as 'otherkeywords')
406 morekeywords={%
407 },%
408 % Keywords of class 2 : environments names
409 morekeywords=[2]{%
410 },%
411 % Keywords of class 3 : mandatory arguments (not environments) &
412 % optional arguments which are keys (in key=value)
413 morekeywords=[3]{%
414 },%
415 % Keywords of class 4 : values of keys (in key=value)
416 morekeywords=[4]{%
417 },%
418 % Keywords of class 5 : arguments specifications (after ":" in expl3
419 % syntax)
420 morekeywords=[5]{%
421 },%
422 % Keywords of class 6 : current package name (and possibly derived
423 % packages)
424 morekeywords=[6]{%

```

```

425 %
426 },%
427 % otherkeywords={},
428 % alsoletter={},
429 % alsodigit={},%
430 % alsoother={},%
431 sensitive,%
432 }[keywords, tex, comments]
433
434 \lst@definlanguage[tikz-ext]{TeX}{%
435 % Control sequences names
436 moretexcs={%
437 },%
438 % Keywords of class 1 : keywords that contain other characters
439 % (since of the same class as the ones specified as 'otherkeywords')
440 morekeywords={%
441 },%
442 % Keywords of class 2 : environments names
443 morekeywords=[2]{%
444 },%
445 % Keywords of class 3 : mandatory arguments (not environments) &
446 % optional arguments which are keys (in key=value)
447 morekeywords=[3]{%
448 distancebetween,%
449 },%
450 % Keywords of class 4 : values of keys (in key=value)
451 morekeywords=[4]{%
452 },%
453 % Keywords of class 5 : arguments specifications (after ":" in expl3
454 % syntax)
455 morekeywords=[5]{%
456 },%
457 % Keywords of class 6 : current package name (and possibly derived
458 % packages)
459 morekeywords=[6]{%
460 tikz-ext%
461 },%
462 % otherkeywords={},
463 % alsoletter={},
464 % alsodigit={},%
465 % alsoother={},%
466 sensitive,%
467 }[keywords, tex, comments]
468
469 \lst@definlanguage[tikzfill]{TeX}{%
470 % Control sequences names
471 moretexcs={%
472 },%
473 % Keywords of class 1 : keywords that contain other characters
474 % (since of the same class as the ones specified as 'otherkeywords')
475 morekeywords={%
476 },%

```

```

477 % Keywords of class 2 : environments names
478 morekeywords=[2]{%
479 },%
480 % Keywords of class 3 : mandatory arguments (not environments) &
481 % optional arguments which are keys (in key=value)
482 morekeywords=[3]{%
483 pattern,hexagon,cycle,color,
484 },%
485 % Keywords of class 4 : values of keys (in key=value)
486 morekeywords=[4]{%
487 },%
488 % Keywords of class 5 : arguments specifications (after ":" in expl3
489 % syntax)
490 morekeywords=[5]{%
491 },%
492 % Keywords of class 6 : current package name (and possibly derived
493 % packages)
494 morekeywords=[6]{%
495 tikzfill
496 },%
497 % otherkeywords={},
498 % alsoletter={},
499 % alsodigit={},%
500 % alsoother={},%
501 sensitive,%
502 }[keywords, tex, comments]
503
504 \lst@definelanguage[unicode-math]{TeX}{%
505 % Control sequences names
506 moretexcs={%
507 symscr, symbb, symfrac, symsfup, symsfit, symtt, setmathfont, symbf%
508 },%
509 % Keywords of class 1 : keywords that contain other characters
510 % (since of the same class as the ones specified as 'otherkeywords')
511 morekeywords={%
512 },%
513 % Keywords of class 2 : environments names
514 morekeywords=[2]{%
515 },%
516 % Keywords of class 3 : mandatory arguments (not environments) &
517 % optional arguments which are keys (in key=value)
518 morekeywords=[3]{%
519 range, mathrm,%
520 },%
521 % Keywords of class 4 : values of keys (in key=value)
522 morekeywords=[4]{%
523 up, it, bb, bbit, scr, cal, bfcalf, frac, tt, sfup, sfit, bfup, bfit, bfscr,
524 bffrac,%
525 bfsfup, bfsfit, sym,%
526 },%
527 % Keywords of class 5 : arguments specifications (after ":" in expl3
528 % syntax)

```

```

528 morekeywords=[5]{%
529 },%
530 % Keywords of class 6 : current package name (and possibly derived
531 % packages)
532 morekeywords=[6]{%
533 unicode-math
534 },%
535 % otherkeywords={},
536 alsoletter={-},
537 % alsodigit={},%
538 alsoother={-},%
539 sensitive,%
540 }[keywords, tex, comments]
541
542 \lst@definlanguage[xcharter-otf]{TeX}{%
543 % Control sequences names
544 moretexcs={%
545 Bbbone, Bbbk,%
546 },%
547 % Keywords of class 1 : keywords that contain other characters
548 % (since of the same class as the ones specified as 'otherkeywords')
549 morekeywords={%
550 },%
551 % Keywords of class 2 : environments names
552 morekeywords=[2]{%
553 },%
554 % Keywords of class 3 : mandatory arguments (not environments) &
555 % optional arguments which are keys (in key=value)
556 morekeywords=[3]{%
557 range
558 },%
559 % Keywords of class 4 : values of keys (in key=value)
560 morekeywords=[4]{%
561 },%
562 % Keywords of class 5 : arguments specifications (after ":" in expl3
563 % syntax)
564 morekeywords=[5]{%
565 },%
566 % Keywords of class 6 : current package name (and possibly derived
567 % packages)
568 morekeywords=[6]{%
569 xcharter-otf
570 },%
571 % otherkeywords={},
572 alsoletter={-},
573 % alsodigit={},%
574 % alsoother={},%
575 sensitive,%
576 }[keywords, tex, comments]
577
578 \lst@definlanguage[braille]{TeX}{%
579 % Control sequences names

```

```

580 moretexcs={%
581 braille
582 },%
583 % Keywords of class 1 : keywords that contain other characters
584 % (since of the same class as the ones specified as 'otherkeywords')
585 morekeywords={%
586 },%
587 % Keywords of class 2 : environments names
588 morekeywords=[2]{%
589 },%
590 % Keywords of class 3 : mandatory arguments (not environments) &
591 % optional arguments which are keys (in key=value)
592 morekeywords=[3]{%
593 },%
594 % Keywords of class 4 : values of keys (in key=value)
595 morekeywords=[4]{%
596 },%
597 % Keywords of class 5 : arguments specifications (after ":" in expl3
598 % syntax)
599 morekeywords=[5]{%
600 },%
601 % Keywords of class 6 : current package name (and possibly derived
602 % packages)
603 morekeywords=[6]{%
604 %
605 },%
606 % otherkeywords={},
607 % alsoletter={},
608 % alsodigit={},%
609 % alsoother={},%
610 sensitive,%
611 }[keywords,tex,comments]
612
613 \lst@definlanguage[swungdash]{TeX}{%
614 % Control sequences names
615 moretexcs={%
616 swungdash
617 },%
618 % Keywords of class 1 : keywords that contain other characters
619 % (since of the same class as the ones specified as 'otherkeywords')
620 morekeywords={%
621 },%
622 % Keywords of class 2 : environments names
623 morekeywords=[2]{%
624 },%
625 % Keywords of class 3 : mandatory arguments (not environments) &
626 % optional arguments which are keys (in key=value)
627 morekeywords=[3]{%
628 },%
629 % Keywords of class 4 : values of keys (in key=value)
630 morekeywords=[4]{%
631 },%

```

```

632 % Keywords of class 5 : arguments specifications (after ":" in expl3
633 % syntax)
634 morekeywords=[5]{%
635 },%
636 % Keywords of class 6 : current package name (and possibly derived
637 % packages)
638 morekeywords=[6]{%
639 %
640 },%
641 % otherkeywords={},
642 % alsoletter={},
643 % alsodigit={},%
644 % alsoother={},%
645 sensitive,%
646 }[keywords, tex, comments]
647
648
649 \lst@definlanguage[simples-matrices]{TeX}{%
650 % Control sequences names
651 moretexcs={%
652 matrice
653 },%
654 % Keywords of class 1 : keywords that contain other characters
655 % (since of the same class as the ones specified as 'otherkeywords')
656 morekeywords={%
657 },%
658 % Keywords of class 2 : environments names
659 morekeywords=[2]{%
660 },%
661 % Keywords of class 3 : mandatory arguments (not environments) &
662 % optional arguments which are keys (in key=value)
663 morekeywords=[3]{%
664 b,%
665 },%
666 % Keywords of class 4 : values of keys (in key=value)
667 morekeywords=[4]{%
668 },%
669 % Keywords of class 5 : arguments specifications (after ":" in expl3
670 % syntax)
671 morekeywords=[5]{%
672 },%
673 % Keywords of class 6 : current package name (and possibly derived
674 % packages)
675 morekeywords=[6]{%
676 %
677 },%
678 % otherkeywords={},
679 % alsoletter={},
680 % alsodigit={},%
681 % alsoother={},%
682 sensitive,%
683 }[keywords, tex, comments]

```



```
684
685 \lst@definlanguage[customdice]{TeX}{%
686 % Control sequences names
687 moretexcs={%
688 dice
689 },%
690 % Keywords of class 1 : keywords that contain other characters
691 % (since of the same class as the ones specified as 'otherkeywords')
692 morekeywords={%
693 },%
694 % Keywords of class 2 : environments names
695 morekeywords=[2]{%
696 },%
697 % Keywords of class 3 : mandatory arguments (not environments) &
698 % optional arguments which are keys (in key=value)
699 morekeywords=[3]{%
700 violet,yellow
701 },%
702 % Keywords of class 4 : values of keys (in key=value)
703 morekeywords=[4]{%
704 },%
705 % Keywords of class 5 : arguments specifications (after ":" in expl3
706 % syntax)
707 morekeywords=[5]{%
708 },%
709 % Keywords of class 6 : current package name (and possibly derived
710 % packages)
711 morekeywords=[6]{%
712 %
713 },%
714 % otherkeywords={},
715 % alsoletter={},
716 % alsodigit={},%
717 % alsoother={},%
718 sensitive,%
719 }[keywords,tex,comments]
720
721 \lst@definlanguage[pingu]{TeX}{%
722 % Control sequences names
723 moretexcs={%
724 pingu
725 },%
726 % Keywords of class 1 : keywords that contain other characters
727 % (since of the same class as the ones specified as 'otherkeywords')
728 morekeywords={%
729 },%
730 % Keywords of class 2 : environments names
731 morekeywords=[2]{%
732 },%
733 % Keywords of class 3 : mandatory arguments (not environments) &
734 % optional arguments which are keys (in key=value)
735 morekeywords=[3]{%
```

```

736 left,wing,wave,right,grab,eyes,shiny,cup,%
737 },%
738 % Keywords of class 4 : values of keys (in key=value)
739 morekeywords=[4]{%
740 },%
741 % Keywords of class 5 : arguments specifications (after ":" in expl3
742 % syntax)
743 morekeywords=[5]{%
744 },%
745 % Keywords of class 6 : current package name (and possibly derived
746 % packages)
747 morekeywords=[6]{%
748 %
749 },%
750 % otherkeywords={},
751 % alsoletter={},
752 % alsodigit={},%
753 % alsoother={},%
754 sensitive,%
755 }[keywords, tex, comments]%
756
757 \lst@definlanguage[letgut]{TeX}{%
758 % Control sequences names
759 moretexcs={%
760 letgutsetup,title,subtitle,author,francophony,person,author,%
761 package,package*,class,class*,software,software*,file,file*,%
762 foreignloc,latinloc,gutenberg,gut,lettre,lettregut,Cahier,%
763 Cahiers,letgut,letgutcls,knuth,lamport,tugboat,item*,letgutacro,%
764 separator,alertbox,terminal,inputarticle,lettrenumber,solution,%
765 rebussolution,Ucode,schedule%
766 },%
767 % Keywords of class 1 : keywords that contain other characters (since
768 % of the same class as the ones specified as 'otherkeywords')
769 morekeywords={%
770 },%
771 % Keywords of class 2 : environments names
772 morekeywords=[2]{%
773 ctannews,ltx-code,ltx-code-result,ltx-code-external-result,%
774 bookreview,announcement,rebus,%
775 },%
776 % Keywords of class 3 : mandatory arguments (not environments) &
777 % optional arguments which are keys (in key=value)
778 morekeywords=[3]{%
779 for-authors,for-readers,draft,final,screen,paper,number,date,%
780 pagecolor,allcolorslinks,membership-reminder,editorial,informations
781 ,%
782 title,addon,result width,reference,text,title,reviewer,bibkey,%
783 frontcover,price,result,and,no,solution,%
784 },%
785 % Keywords of class 4 : values of keys (in key=value)
786 morekeywords=[4]{%
787 },%

```

```

787 % Keywords of class 5 : arguments specifications (after ":" in expl3
788 % syntax)
789 morekeywords=[5]{%
790 },%
791 % Keywords of class 6 : current package name (and possibly derived
792 % packages)
793 morekeywords=[6]{%
794 letgut%
795 },%
796 % otherkeywords={},%
797 alsoletter={-\ },%
798 % alsodigit={},%
799 alsoother={*},%
800 % alsoother={},%
801 sensitive,%
802 }[keywords, tex, comments]%
803
804 %%%
805 % LaTeX texcs and keywords that are missing in `listings` driver file
806 %%%
807 \lst@definlanguage[extendedLaTeX]{TeX}{%
808 % Control sequences names
809 moretexcs={%
810 Huge, LARGE, Large, LoadClass, NewCommandCopy, RequirePackage,%
811 ShowCommand, abovcaptionskip, abstractname, appendix, appendixname,%
812 arraycolsep, arrayrulewidth, author, backmatter, baselinestretch,%
813 belowcaptionskip, bf, bibindent, bibname, bigskipamount, bottomfraction,%
814 %
815 brokenpenalty, cal, chapter, chaptermark, chaptername, clubpenalty,%
816 columnsep, columnseprule, contentsname, date, dblfloatpagefraction,%
817 dblfloatsep, dbltextfloatsep, dbltopfraction, descriptionlabel,%
818 displaywidowpenalty, doublerulesep, evensidemargin, fboxrule, fboxsep,%
819 figurename, floatpagefraction, floatsep, footins, footnoterule,%
820 footnotesep, footnotesize, footskip, frontmatter, headheight, headsep,%
821 huge, indexname, indexspace, interlinepenalty, intextsep, it, jot,%
822 labelenumi, labelenumii, labelenumiii, labelenumiv, labelitemfont,%
823 labelitemi, labelitemii, labelitemiii, labelitemiv, labelsep,%
824 %
825 labelwidth, large, leftmargin, leftmargini, leftmarginii, leftmarginiii,
826 leftmarginiv, leftmarginv, leftmarginvi, lineskip, listfigurename,%
827 listoffigures, listoftables, listtablename, mainmatter, maketitle,%
828 marginparpush, marginparsep, marginparwidth, maxdepth, medskipamount,%
829 mit, newblock, normallineskip, normalsize, oddsidemargin, paragraph,%
830 paragraphmark, parindent, parskip, part, partname, partopsep,%
831 postdisplaypenalty, predisplaypenalty, refname, rm, sc, scriptsize,%
832 section, sectionmark, setlength, sf, sl, small, smallskipamount,%
833 subitem, subparagraph, subparagraphmark, subsection, subsectionmark,%
834 subsubitem, subsubsection, subsubsectionmark, tabbingsep, tabcolsep,%
835 tablename, tableofcontents, textfloatsep, textfraction, textheight,%
836 textwidth, thechapter, theenumi, theenumii, theenumiii, theenumiv,%
837 theequation, theparagraph, thepart, thesection, thesubparagraph,%
838 thesubsection, thesubsubsection, tiny, title, today, topfraction,%

```

```

837 topmargin,topskip,tt,widowpenalty,texdir%
838 },%
839 % Keywords of class 1 : keywords that contain other characters (since
840 % of the same class as the ones specified as 'otherkeywords')
841 morekeywords={%
842 },%
843 % Keywords of class 2 : environments names
844 morekeywords=[2]{%
845 abstract,array,center,description,displaymath,document,enumerate,%
846 eqnarray,equation,figure,flushleft,flushright,itemize,list,lrbox,
847 math,%
848 minipage,picture,quotation,quote,sloppypar,tabbing,table,tabular,%
849 thebibliography,theindex,titlepage,trivlist,verbatim,verse,%
850 },%
851 % Keywords of class 3 : mandatory arguments (not environments) &
852 % optional arguments which are keys (in key=value)
853 morekeywords=[3]{%
854 % c,cc,ccc,cccc,X,l,
855 empty,%
856 },%
857 % Keywords of class 4 : values of keys (in key=value)
858 morekeywords=[4]{%
859 true,false,%
860 },%
861 % Keywords of class 5 : arguments specifications (after ":" in expl3
862 % syntax)
863 morekeywords=[5]{%
864 },%
865 % Keywords of class 6 : current package name (and possibly derived
866 % packages)
867 morekeywords=[6]{%
868 %
869 },
870 otherkeywords={|},%
871 % alsoletter={},% alsodigit={},%
872 % alsoother={},%
873 sensitive,%
874 }[keywords, tex, comments]%
875 \lst@definlanguage[listings]{TeX}{%
876 % Control sequences names
877 moretexcs={%
878 lstDeleteShortInline,lstMakeShortInline,lstalias,lstaspectfiles,%
879 lstdefineformat,lstdefinlanguage,lst@definlanguage,lstdefinestyle
880 },%
881 lstindexmacro,lstinline,lstinputlisting,lstlanguagefiles,%
882 lstlgrindefile,lstlistingname,lstlistingnamestyle,%
883 lstlistlistingname,lstlistoflistings,lstloadlanguages,lstname,%
884 lstnewenvironment,lstset,theHlstnumber,theHlstlabel,theHlstlisting,%
885 theHlstnumber,%
886 },%
887 % Keywords of class 1 : keywords that contain other characters (since

```

```

887 % of the same class as the ones specified as 'otherkeywords')
888 morekeywords={%
889 },%
890 % Keywords of class 2 : environments names
891 morekeywords=[2]{%
892 lstlisting,%
893 },%
894 % Keywords of class 3 : mandatory arguments (not environments) &
895 % optional arguments which are keys (in key=value)
896 morekeywords=[3]{%
897 0.21, ABAP, ACM, ACMscript, ACSL, Ada, Algol, Ant, Assembler, Awk, %
898 Basic, C, C++, CIL, Caml, Clean, Cobol, Comal 80, Comsol, Delphi, %
899 Eiffel, Elan, Euphoria, Fortran, GAP, GCL, Gnuplot, Go, HTML, Haskell, %
900 IDL, JVMIS, Java, LLVM, Lingo, Lisp, Logo, Lua, ML, Mathematica, Matlab, %
901 Mercury, MetaPost, Miranda, Mizar, Modula-2, MuPAD, NASTRAN, OCL, %
902 OORexx, Oberon-2, Octave, Oz, PHP, PL/I, POV, PSTricks, Pascal, Perl, %
903 Plasm, PostScript, Prolog, Promela, Python, R, RSL, Reduce, Rexx, Ruby, %
904 S, SAS, SHELXL, SPARQL, SQL, Scala, Scilab, Simula, Swift, TeX, %
905 VBScript, VHDL, VRML, Verilog, XML, XSLT, [03]Fortran, [08]Fortran, %
906 [1.0]Mathematica, [11.0]Mathematica, [11]C++, [1974]Cobol, [1985]Cobol,
%
907 [2005]Ada, [3.0]Mathematica, [5.0]Lua, [5.1]Lua, [5.2]Lua, %
908 [5.2]Mathematica, [5.3]Lua, [60]Algol, [67]Simula, [68]Algol, %
909 [77]Fortran, [83]Ada, [90]Fortran, [95]Ada, [95]Fortran, [97]VRML, %
910 [AMS]VHDL, [ANSI]C, [ANSI]C++, [AllaTeX]TeX, [AspectJ]Java, [Auto]Lisp, %
911 [Borland6]Pascal, [CII]Simula, [CORBA]IDL, [DEC]Simula, [GNU]C++, %
912 [Handel]C, [IBM]Simula, [ISO]C++, [LaTeX]TeX, [Motorola68k]Assembler, %
913 [OMG]OCL, [Objective]C, [Objective]Caml, [PLUS]S, [POSIX]Awk, [R/2
914 4.3]ABAP, [R/2 5.0]ABAP, [R/3 3.1]ABAP, [R/3 4.6C]ABAP, [R/3 6.10]ABAP,
%
915 [Sharp]C, [Standard]Pascal, [VM/XA]Rexx, [Visual]Basic, [Visual]C++, %
916 [WinXP]command.com, [XSC]Pascal, [common]TeX, [decorative]OCL, %
917 [empty]IDL, [empty]Java, [empty]Lisp, [empty]Rexx, [empty]S, %
918 [empty]VHDL, [empty]make, [empty]tcl, [gnu]Awk, [gnu]make, [ibm]Cobol, %
919 [light]Caml, [plain]TeX, [primitive]TeX, [tk]tcl, [x86asm]Assembler, %
920 abovecaptionskip, aboveskip, alsodigit, alsolanguage, alsoletter, %
921 alsoother, backgroundcolor, basewidth, bash, basicstyle, %
922 belowcaptionskip, belowskip, boxpos, breakatwhitespace, breakautoindent
%,
923 breakindent, breaklines, caption, captionpos, classoffset, columns, %
924 command.com, comment, comments, commentstyle, consecutivenumbers, csh, %
925 defaultdialect, deletecomment, deletedelim, deletedirectives, %
926 deleteemph, deleteendkeywords, deletehyperref, deleteindex, %
927 deletekeywordcomment, deletekeywords, deleteprocnamekeys, deletestring
%,
928 deletetxcs, delim, directives, directivestyle, draft, elisp, emph, %
929 emphstyle, emptylines, erlang, escapebegin, escapechar, escapeend, %
930 escapeinside, extendedchars, fancyvrb, fillcolor, final, firstline, %
931 firstnumber, flexiblecolumns, float, floatplacement, fontadjust, %
932 formats, formfeed, frame, frameround, framerule, framesep, frameshape, %
933 framexbottommargin, framexleftmargin, framexrightmargin, %
934 framextopmargin, fvcmdparams, gobble, hansl, hyper, hyperanchor, %

```

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935 hyperlink,hyperref,identifiestyle,includerangemarker,index,%
936 indexprocnames,indexstyle,inform,inputencoding,inputpath,%
937 keepspaces,keywordcomment,keywordcommentsemicolon,keywords,%
938 keywordsprefix,keywordstyle,ksh,label,language,lastline,lgrind,%
939 lgrindef,linrange,lineskip,linewidth,literate,make,makemacrouse,%
940 markfirstintag,mathescape,morecomment,moredelim,moredirectives,%
941 moreemph,moreendkeywords,morefvcmdparams,morehyperref,moreindex,%
942 morekeywordcomment,morekeywords,moreprocnamekeys,morestring,%
943 moretexcs,multicols,name,ndkeywords,ndkeywordstyle,noaspects,%
944 nolol,numberblanklines,numberbychapter,numberfirstline,numbers,%
945 numbersep,numberstyle,otherkeywords,podcomment,postbreak,prebreak,%
946 print,printpod,procnamekeys,procnames,procnamestyle,%
947 rangebeginprefix,rangebeginsuffix,rangeendprefix,rangeendsuffix,%
948 rangeprefix,rangesuffix,resetmargins,rulecolor,rulesep,%
949 rulesepcolor,savemem,sensitive,%
950 sh,showlines,showspaces,showstringspaces,showtabs,stepnumber,%
951 string,stringstyle,style,tab,tabsize,tag,tagstyle,tcl,texcl,%
952 texcs,texcsstyle,title,upquote,usekeywordsintag,xleftmargin,%
953 xrightmargin,LaTeX,TeX,tex%
954 },%
955 % Keywords of class 4 : values of keys (in key=value)
956 morekeywords=[4]{%
957 b,c,t,none,left,right,%
958 },%
959 % Keywords of class 5 : arguments specifications (after ":" in expl3
960 % syntax)
961 morekeywords=[5]{%
962 },%
963 % Keywords of class 6 : current package name (and possibly derived
964 % packages)
965 morekeywords=[6]{%
966 listings,%
967 },%
968 % otherkeywords={},%
969 alsoletter={@021.[]},%
970 % alsodigit={},%
971 % alsoother={},%
972 sensitive,%
973 }[keywords,tex,comments]%
974
975 \lst@definlanguage[xifthen]{TeX}[LaTeX]{TeX}%
976 {%
977 % Séquences de contrôles (communément appelées commandes ou macros)
978 moretexcs={%
979 ifthenelse,isnamedefined,equal,%
980 },%
981 morekeywords=[6]{%
982 xifthen%
983 },%
984 sensitive%
985 }[keywords,tex,comments]%
986

```

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987 \lst@definlanguage[xcolor]{TeX}{%
988 % Control sequences names
989 moretexcs={%
990 color,pagecolor,definecolor,colorlet,textcolor,colorbox%
991 },%
992 % Keywords of class 1 : keywords that contain other characters (since
993 % of the same class as the ones specified as 'otherkeywords')
994 morekeywords={%
995 },%
996 % Keywords of class 2 : environments names
997 morekeywords=[2]{%
998 },%
999 % Keywords of class 3 : mandatory arguments (not environments) &
1000 % optional arguments which are keys (in key=value)
1001 morekeywords=[3]{%
1002 },%
1003 % Keywords of class 4 : values of keys (in key=value)
1004 morekeywords=[4]{%
1005 red,green,blue,cyan,magenta,yellow,black,gray,white,darkgray,%
1006 lightgray,brown,lime,olive,orange,pink,purple,teal,violet,%
1007 },%
1008 % Keywords of class 5 : arguments specifications (after ":" in expl3
1009 % syntax)
1010 morekeywords=[5]{%
1011 },%
1012 % Keywords of class 6 : current package name (and possibly derived
1013 % packages)
1014 morekeywords=[6]{%
1015 xcolor },%
1016 % otherkeywords={},
1017 % alsoletter={},
1018 % alsodigit={},%
1019 % alsoother={},%
1020 sensitive,%
1021 }[keywords, tex, comments]%
1022
1023 \lst@definlanguage[expl3]{TeX}{%
1024 % Control sequences names
1025 moretexcs={%
1026 .bool_gset,%
1027 ExplFileDate,ExplFileDescription,ExplFileName,ExplFileVersion,%
1028 ExplSyntaxOff,ExplSyntaxOn,GetIdInfo,ProvidesExplClass,%
1029 ProvidesExplFile,ProvidesExplPackage,bool_case_false,bool_case_true
1030 ,%
1031 bool_const,bool_do_until,bool_do_while,bool_gset,bool_gset_eq,%
1032 bool_gset_false,bool_gset_inverse,bool_gset_true,bool_if,%
1033 bool_if_exist,bool_if_exist_p,bool_if_p,bool_lazy_all,%
1034 bool_lazy_all_p,bool_lazy_and,bool_lazy_and_p,bool_lazy_any,%
1035 bool_lazy_any_p,bool_lazy_or,bool_lazy_or_p,bool_log,bool_new,%
1036 bool_not_p,bool_set,bool_set_eq,bool_set_false,bool_set_inverse,%
1037 bool_set_true,bool_show,bool_to_str,bool_until_do,bool_while_do,%
 bool_xor,bool_xor_p,box_autosize_to_wd_and_ht,%

```

```

1038 box_autosize_to_wd_and_ht_plus_dp, box_clear, box_clear_new, box_clip,
 %
1039 box_dp, box_gautosize_to_wd_and_ht,
 box_gautosize_to_wd_and_ht_plus_dp, %
1040 box_gclear, box_gclear_new, box_gclip, box_gresize_to_ht, %
1041 box_gresize_to_ht_plus_dp, box_gresize_to_wd,
 box_gresize_to_wd_and_ht, %
1042 box_gresize_to_wd_and_ht_plus_dp, box_grotate, box_gscale, box_gset_dp
 , %
1043 box_gset_eq, box_gset_eq_drop, box_gset_ht, box_gset_to_last, %
1044 box_gset_trim, box_gset_viewport, box_gset_wd, box_ht, box_ht_plus_dp, %
1045 box_if_empty, box_if_empty_p, box_if_exist, box_if_exist_p, %
1046 box_if_horizontal, box_if_horizontal_p, box_if_vertical, %
1047 box_if_vertical_p, box_log, box_move_down, box_move_left, %
1048 box_move_right, box_move_up, box_new, box_resize_to_ht, %
1049 box_resize_to_ht_plus_dp, box_resize_to_wd, box_resize_to_wd_and_ht, %
1050 box_resize_to_wd_and_ht_plus_dp, box_rotate, box_scale, box_set_dp, %
1051 box_set_eq, box_set_eq_drop, box_set_ht, box_set_to_last, box_set_trim,
 %
1052 box_set_viewport, box_set_wd, box_show, box_use, box_use_drop, box_wd, %
1053 c_alignment_token, c_ampersand_str, c_at_sign_str, c_backslash_str, %
1054 c_catcode_active_space_tl, c_catcode_active_tl,
 c_catcode_letter_token, %
1055 c_catcode_other_space_tl, c_catcode_other_token, c_circumflex_str, %
1056 c_code_cctab, c_colon_str, c_document_cctab, c_dollar_str, c_e_fp, %
1057 c_empty_box, c_empty_clist, c_empty_coffin, c_empty_prop, c_empty_seq, %
1058 c_empty_tl, c_false_bool, c_group_begin_token, c_group_end_token, %
1059 c_hash_str, c_inf_fp, c_initex_cctab, c_left_brace_str, c_log_iow, %
1060 c_math_subscript_token, c_math_superscript_token, c_math_toggle_token
 , %
1061 c_max_char_int, c_max_dim, c_max_int, c_max_muskip, c_max_register_int,
 %
1062 c_max_skip, c_minus_inf_fp, c_minus_zero_fp, c_nan_fp, c_novalue_tl, %
1063 c_one_degree_fp, c_one_fp, c_one_int, c_other_cctab, c_parameter_token,
 %
1064 c_percent_str, c_pi_fp, c_right_brace_str, c_space_tl, c_space_token, %
1065 c_str_cctab, c_sys_backend_str, c_sys_day_int, c_sys_engine_exec_str, %
1066 c_sys_engine_format_str, c_sys_engine_str, c_sys_engine_version_str, %
1067 c_sys_hour_int, c_sys_jobname_str, c_sys_minute_int, c_sys_month_int, %
1068 c_sys_output_str, c_sys_platform_str, c_sys_shell_escape_int, %
1069 c_sys_year_int, c_term_iow, c_tilde_str, c_true_bool, c_underscore_str,
 %
1070 c_zero_dim, c_zero_fp, c_zero_int, c_zero_muskip, c_zero_skip, %
1071 c_zero_str, cctab_begin, cctab_const, cctab_end, cctab_gset, %
1072 cctab_if_exist, cctab_if_exist_p, cctab_item, cctab_new, cctab_select, %
1073 char_foldcase, char_generate, char_gset_active_eq, char_lowercase, %
1074 char_set_active_eq, char_set_catcode, char_set_catcode_active, %
1075 char_set_catcode_alignment, char_set_catcode_comment, %
1076 char_set_catcode_end_line, char_set_catcode_escape, %
1077 char_set_catcode_group_begin, char_set_catcode_group_end, %
1078 char_set_catcode_ignore, char_set_catcode_invalid, %
1079 char_set_catcode_letter, char_set_catcode_math_subscript, %

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1080 char_set_catcode_math_superscript, char_set_catcode_math_toggle, %
1081 char_set_catcode_other, char_set_catcode_parameter, %
1082 char_set_catcode_space, char_set_lccode, char_set_mathcode, %
1083 char_set_sfcode, char_set_uccode, char_show_value_catcode, %
1084 char_show_value_lccode, char_show_value_mathcode, %
1085 char_show_value_sfcode, char_show_value_uccode, char_str_foldcase, %
1086 char_str_lowercase, char_str_titlecase, char_str_uppercase, %
1087 char_titlecase, char_to_nfd, char_to_utfviii_bytes, char_uppercase, %
1088 char_value_catcode, char_value_lccode, char_value_mathcode, %
1089 char_value_sfcode, char_value_uccode, clist_clear, clist_clear_new, %
1090 clist_concat, clist_const, clist_count, clist_gclear, clist_gclear_new,
%
1091 clist_gconcat, clist_get, clist_gpop, clist_gpush, clist_gput_left, %
1092 clist_gput_right, clist_gremove_all, clist_gremove_duplicates, %
1093 clist_greverse, clist_gset, clist_gset_eq, clist_gset_from_seq, %
1094 clist_gsort, clist_if_empty, clist_if_empty_p, clist_if_exist, %
1095 clist_if_exist_p, clist_if_in, clist_item, clist_log, clist_map_break, %
1096 clist_map_function, clist_map_inline, clist_map_tokens, %
1097 clist_map_variable, clist_new, clist_pop, clist_push, clist_put_left, %
1098 clist_put_right, clist_rand_item, clist_remove_all, %
1099 clist_remove_duplicates, clist_reverse, clist_set, clist_set_eq, %
1100 clist_set_from_seq, clist_show, clist_sort, clist_use, coffin_attach, %
1101 coffin_clear, coffin_display_handles, coffin_dp, coffin_gattach, %
1102 coffin_gclear, coffin_gjoin, coffin_gresize, coffin_grotate, %
1103 coffin_gscale, coffin_gset_eq, coffin_gset_horizontal_pole, %
1104 coffin_gset_vertical_pole, coffin_ht, coffin_if_exist, %
1105 coffin_if_exist_p, coffin_join, coffin_log, coffin_log_structure, %
1106 coffin_mark_handle, coffin_new, coffin_resize, coffin_rotate, %
1107 coffin_scale, coffin_set_eq, coffin_set_horizontal_pole, %
1108 coffin_set_vertical_pole, coffin_show, coffin_show_structure, %
1109 coffin_typeset, coffin_wd, color_ensure_current, color_export, %
1110 color_fill, color_group_begin, color_group_end, color_log, color_math, %
1111 color_model_new, color_profile_apply, color_select, color_set, %
1112 color_set_eq, color_show, color_stroke, cs_argument_spec, cs, cs_end, %
1113 cs_generate_from_arg_count, cs_generate_variant, cs_gset, cs_gset_eq, %
1114 cs_gset_nopar, cs_gset_protected, cs_gset_protected_nopar, cs_if_eq, %
1115 cs_if_eq_p, cs_if_exist, cs_if_exist_p, cs_if_exist_use, cs_if_free, %
1116 cs_if_free_p, cs_log, cs_meaning, cs_new, cs_new_eq, cs_new_nopar, %
1117 cs_new_protected, cs_new_protected_nopar, cs_prefix_spec, %
1118 cs_replacement_spec, cs_set, cs_set_eq, cs_set_nopar, cs_set_protected,
%
1119 cs_set_protected_nopar, cs_show, cs_split_function, cs_to_str, %
1120 cs_undefine, debug_off, debug_on, debug_resume, debug_suspend, dim_abs, %
1121 dim_add, dim_case, dim_compare, dim_compare_p, dim_const, dim_do_until, %
1122 dim_do_while, dim_eval, dim_gadd, dim_gset, dim_gset_eq, dim_gsub, %
1123 dim_gzero, dim_gzero_new, dim_if_exist, dim_if_exist_p, dim_log, %
1124 dim_max, dim_min, dim_new, dim_ratio, dim_set, dim_set_eq, dim_show, %
1125 dim_sign, dim_step_function, dim_step_inline, dim_step_variable, %
1126 dim_sub, dim_to_decimal, dim_to_decimal_in_bp, dim_to_decimal_in_sp, %
1127 dim_to_decimal_in_unit, dim_to_fp, dim_until_do, dim_use, dim_while_do,
%
1128 dim_zero, dim_zero_new, draw_begin, draw_end, else, exp_after, exp_args, %

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1129 exp_args_generate, exp_end, exp_end_continue_f, exp_last_two_unbraced,
%
1130 exp_last_unbraced, exp_not, exp_stop_f, expandafter, expanded, fi, %
1131 file_compare_timestamp, file_compare_timestamp_p, file_full_name, %
1132 file_get, file_get_full_name, file_get_hex_dump, file_get_md5five_hash,
%
1133 file_get_size, file_get_timestamp, file_hex_dump, file_if_exist, %
1134 file_if_exist_input, file_input, file_input_stop, file_log_list, %
1135 file_md5five_hash, file_parse_full_name, file_parse_full_name_apply, %
1136 file_show_list, file_size, file_timestamp, flag_clear, flag_clear_new, %
1137 flag_height, flag_if_exist, flag_if_exist_p, flag_if_raised, %
1138 flag_if_raised_p, flag_log, flag_new, flag_raise, flag_raise_if_clear, %
1139 flag_show, fp_abs, fp_add, fp_compare, fp_compare_p, fp_const, %
1140 fp_do_until, fp_do_while, fp_eval, fp_format, fp_gadd, fp_gset, %
1141 fp_gset_eq, fp_gsub, fp_gzero, fp_gzero_new, fp_if_exist, fp_if_exist_p,
%
1142 fp_if_nan, fp_if_nan_p, fp_log, fp_max, fp_min, fp_new, fp_set, %
1143 fp_set_eq, fp_show, fp_sign, fp_step_function, fp_step_inline, %
1144 fp_step_variable, fp_sub, fp_to_decimal, fp_to_dim, fp_to_int, %
1145 fp_to_scientific, fp_to_tl, fp_trap, fp_until_do, fp_use, fp_while_do, %
1146 fp_zero, fp_zero_new, fpparray_count, fpparray_gset, fpparray_gzero, %
1147 fpparray_item, fpparray_item_to_tl, fpparray_new, g_file_curr_dir_str, %
1148 g_file_curr_ext_str, g_file_curr_name_str, g_msg_module_name_prop, %
1149 g_msg_module_type_prop, g_peek_token, g_tmpa_bool, g_tmpa_box, %
1150 g_tmpa_clist, g_tmpa_coffin, g_tmpa_dim, g_tmpa_fp, g_tmpa_int, %
1151 g_tmpa_ior, g_tmpa_iow, g_tmpa_muskip, g_tmpa_prop, g_tmpa_regex, %
1152 g_tmpa_seq, g_tmpa_skip, g_tmpa_str, g_tmpa_tl, g_tmpb_bool, g_tmpb_box,
%
1153 g_tmpb_clist, g_tmpb_coffin, g_tmpb_dim, g_tmpb_fp, g_tmpb_int, %
1154 g_tmpb_ior, g_tmpb_iow, g_tmpb_muskip, g_tmpb_prop, g_tmpb_regex, %
1155 g_tmpb_seq, g_tmpb_skip, g_tmpb_str, g_tmpb_tl, group_align_safe_begin,
%
1156 group_align_safe_end, group_begin, group_end, group_insert_after, %
1157 group_log_list, group_show_list, hbox, hbox_gset, hbox_gset_end, %
1158 hbox_gset_to_wd, hbox_overlap_center, hbox_overlap_left, %
1159 hbox_overlap_right, hbox_set, hbox_set_end, hbox_set_to_wd, hbox_to_wd,
%
1160 hbox_to_zero, hbox_unpack, hbox_unpack_drop, hcoffin_gset, %
1161 hcoffin_gset_end, hcoffin_set, hcoffin_set_end, if, if_bool, %
1162 if_box_empty, if_case, if_catcode, if_charcode, if_cs_exist, if_dim, %
1163 if_eof, if_false, if_hbox, if_int_compare, if_int_odd, if_meaning, %
1164 if_mode_horizontal, if_mode_inner, if_mode_math, if_mode_vertical, %
1165 if_predicate, if_true, if_vbox, int_abs, int_add, int_case, int_compare, %
1166 int_compare_p, int_const, int_decr, int_div_round, int_div_truncate, %
1167 int_do_until, int_do_while, int_eval, int_from_alph, int_from_base, %
1168 int_from_bin, int_from_hex, int_from_oct, int_from_roman, int_gadd, %
1169 int_gdecr, int_gincr, int_gset, int_gset_eq, int_gsub, int_gzero, %
1170 int_gzero_new, int_if_even, int_if_even_p, int_if_exist, int_if_exist_p
%
1171 int_if_odd, int_if_odd_p, int_incr, int_log, int_max, int_min, int_mod, %
1172 int_new, int_rand, int_set, int_set_eq, int_show, int_sign, %
1173 int_step..., int_step_function, int_step_inline, int_step_variable, %

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1174 int_sub, int_to_Alph, int_to_Base, int_to_Hex, int_to_Roman, %
1175 int_to_alph, int_to_arabic, int_to_base, int_to_bin, int_to_hex, %
1176 int_to_oct, int_to_roman, int_to_symbols, int_until_do, int_use, %
1177 int_value, int_while_do, int_zero, int_zero_new, %
1178 intarray_const_from_clist, intarray_count, intarray_gset, %
1179 intarray_gset_rand, intarray_gzero, intarray_item, intarray_log, %
1180 intarray_new, intarray_rand_item, intarray_show, intarray_to_clist, %
1181 ior_close, ior_get, ior_get_term, ior_if_eof, ior_if_eof_p, ior_log, %
1182 ior_log_list, ior_map_break, ior_map_inline, ior_map_variable, ior_new,
%
1183 ior_open, ior_shell_open, ior_show, ior_show_list, ior_str_get, %
1184 ior_str_get_term, ior_str_map_inline, ior_str_map_variable, %
1185 iow_allow_break, iow_char, iow_close, iow_indent, iow_log, iow_log_list,
%
1186 iow_new, iow_newline, iow_now, iow_open, iow_shipout, iow_shipout_x, %
1187 iow_show, iow_show_list, iow_term, iow_wrap, keys_define, %
1188 keys_if_choice_exist, keys_if_choice_exist_p, keys_if_exist, %
1189 keys_if_exist_p, keys_log, keys_set, keys_set_filter, keys_set_groups, %
1190 keys_set_known, keys_show, keyval_parse, l_char_active_seq, %
1191 l_char_special_seq, l_color_fixed_model_tl, l_color_math_active_tl, %
1192 l_file_search_path_seq, l_iow_line_count_int, l_keys_choice_int, %
1193 l_keys_choice_tl, l_keys_key_str, l_keys_path_str, %
1194 l_keys_usage_load_prop, l_keys_usage_preamble_prop, l_keys_value_tl, %
1195 l_my_int, l_peek_token, l_text_accents_tl, l_text_case_exclude_arg_tl,
%
1196 l_text_expand_exclude_tl, l_text_letterlike_tl, l_text_math_arg_tl, %
1197 l_text_math_delims_tl, l_text_titlecase_check_letter_bool,
l_tmpa_bool, %
1198 l_tmpa_box, l_tmpa_clist, l_tmpa_coffin, l_tmpa_dim, l_tmpa_fp, %
1199 l_tmpa_int, l_tmpa_muskip, l_tmpa_prop, l_tmpa_regex, l_tmpa_seq, %
1200 l_tmpa_skip, l_tmpa_str, l_tmpa_tl, l_tmpb_bool, l_tmpb_box, %
1201 l_tmpb_clist, l_tmpb_coffin, l_tmpb_dim, l_tmpb_fp, l_tmpb_int, %
1202 l_tmpb_muskip, l_tmpb_prop, l_tmpb_regex, l_tmpb_seq, l_tmpb_skip, %
1203 l_tmpb_str, l_tmpb_tl, legacy_if, legacy_if_gset, legacy_if_gset_false,
%
1204 legacy_if_gset_true, legacy_if_p, legacy_if_set, legacy_if_set_false, %
1205 legacy_if_set_true, lua_escape, lua_now, lua_shipout, lua_shipout_e, %
1206 mode_if_horizontal, mode_if_horizontal_p, mode_if_inner, %
1207 mode_if_inner_p, mode_if_math, mode_if_math_p, mode_if_vertical, %
1208 mode_if_vertical_p, mode_leave_vertical, msg_critical, %
1209 msg_critical_text, msg_error, msg_error_text, msg_expandable_error, %
1210 msg_fatal, msg_fatal_text, msg_gset, msg_if_exist, msg_if_exist_p, %
1211 msg_info, msg_info_text, msg_line_context, msg_line_number, msg_log, %
1212 msg_log_eval, msg_module_name, msg_module_type, msg_new, msg_none, %
1213 msg_note, msg_redirect_class, msg_redirect_module, msg_redirect_name, %
1214 msg_see_documentation_text, msg_set, msg_show, msg_show_eval, %
1215 msg_show_item, msg_show_item_unbraced, msg_term, msg_warning, %
1216 msg_warning_text, muskip_add, muskip_const, muskip_eval, muskip_gadd, %
1217 muskip_gset, muskip_gset_eq, muskip_gsub, muskip_gzero, %
1218 muskip_gzero_new, muskip_if_exist, muskip_if_exist_p, muskip_log, %
1219 muskip_new, muskip_set, muskip_set_eq, muskip_show, muskip_sub, %
1220 muskip_use, muskip_zero, muskip_zero_new, pdf_destination, %

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1221 pdf_object_if_exist, pdf_object_if_exist_p, pdf_object_new, %
1222 pdf_object_ref, pdf_object_ref_last, pdf_object_unnamed_write, %
1223 pdf_object_write, pdf_pageobject_ref, pdf_pagobject_ref,
pdf_uncompress, %
1224 pdf_version, pdf_version_compare, pdf_version_compare_p, %
1225 pdf_version_gset, pdf_version_major, pdf_version_min_gset, %
1226 pdf_version_minor, peek_N_type, peek_after, peek_analysis_map_break, %
1227 peek_analysis_map_inline, peek_catcode, peek_catcode_collect_inline, %
1228 peek_catcode_remove, peek_charcode, peek_charcode_collect_inline, %
1229 peek_charcode_remove, peek_gafter, peek_meaning, %
1230 peek_meaning_collect_inline, peek_meaning_remove, peek_regex, %
1231 peek_regex_remove_once, peek_regex_replace_once, peek_remove_filler, %
1232 peek_remove_spaces, prg_break, prg_break_point, prg_do_nothing, %
1233 prg_generate_conditional_variant, prg_map_break, prg_new_conditional,
%
1234 prg_new_eq_conditional, prg_new_protected_conditional, prg_replicate,
%
1235 prg_return_false, prg_return_true, prg_set_conditional, %
1236 prg_set_eq_conditional, prg_set_protected_conditional, prop_clear, %
1237 prop_clear_new, prop_concat, prop_const_from_keyval, prop_count, %
1238 prop_gclear, prop_gclear_new, prop_gconcat, prop_get, prop_gpop, %
1239 prop_gput, prop_gput_from_keyval, prop_gput_if_new, prop_gremove, %
1240 prop_gset_eq, prop_gset_from_keyval, prop_if_empty, prop_if_empty_p, %
1241 prop_if_exist, prop_if_exist_p, prop_if_in, prop_if_in_p, prop_item, %
1242 prop_log, prop_map_break, prop_map_function, prop_map_inline, %
1243 prop_map_tokens, prop_new, prop_pop, prop_put, prop_put_from_keyval, %
1244 prop_put_if_new, prop_rand_key_value, prop_remove, prop_set_eq, %
1245 prop_set_from_keyval, prop_show, prop_to_keyval, q_mark, q_nil, %
1246 q_no_value, q_recursion_stop, q_recursion_tail, q_stop, quark_if_nil, %
1247 quark_if_nil_p, quark_if_no_value, quark_if_no_value_p, %
1248 quark_if_recursion_tail_break, quark_if_recursion_tail_stop, %
1249 quark_if_recursion_tail_stop_do, quark_new, regex_const, regex_count, %
1250 regex_extract_all, regex_extract_once, regex_gset, regex_log, %
1251 regex_match, regex_match_case, regex_new, regex_replace, %
1252 regex_replace_all, regex_replace_case_all, regex_replace_case_once, %
1253 regex_replace_once, regex_set, regex_show, regex_split, reverse_if, %
1254 s_stop, scan_new, scan_stop, seq_clear, seq_clear_new, seq_concat, %
1255 seq_const_from_clist, seq_count, seq_gclear, seq_gclear_new, %
1256 seq_gconcat, seq_get, seq_get_left, seq_get_right, seq_gpop, %
1257 seq_gpop_item, seq_gpop_left, seq_gpop_right, seq_gpush, seq_gput_left,
%
1258 seq_gput_right, seq_gremove_all, seq_gremove_duplicates, seq_greverse,
%
1259 seq_gset_eq, seq_gset_filter, seq_gset_from_clist, %
1260 seq_gset_from_function, seq_gset_from_inline_x, seq_gset_item, %
1261 seq_gset_map, seq_gset_map_x, seq_gset_split, %
1262 seq_gset_split_keep_spaces, seq_gshuffle, seq_gsort, seq_if_empty, %
1263 seq_if_empty_p, seq_if_exist, seq_if_exist_p, seq_if_in, seq_item, %
1264 seq_log, seq_map_break, seq_map_function, seq_map_indexed_function, %
1265 seq_map_indexed_inline, seq_map_inline, seq_map_tokens, %
1266 seq_map_variable, seq_mapthread_function, seq_new, seq_pop, %
1267 seq_pop_item, seq_pop_left, seq_pop_right, seq_push, seq_put_left, %

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1268 seq_put_right, seq_rand_item, seq_remove_all, seq_remove_duplicates, %
1269 seq_reverse, seq_set_eq, seq_set_filter, seq_set_from_clist, %
1270 seq_set_from_function, seq_set_from_inline_x, seq_set_item,
seq_set_map, %
1271 seq_set_map_e, seq_set_split, seq_set_split_keep_spaces, seq_show, %
1272 seq_shuffle, seq_sort, seq_use, skip_add, skip_const, skip_eval, %
1273 skip_gadd, skip_gset, skip_gset_eq, skip_gsub, skip_gzero, %
1274 skip_gzero_new, skip_horizontal, skip_if_eq, skip_if_eq_p, %
1275 skip_if_exist, skip_if_exist_p, skip_if_finite, skip_if_finite_p, %
1276 skip_log, skip_new, skip_set, skip_set_eq, skip_show, skip_sub, %
1277 skip_use, skip_vertical, skip_zero, skip_zero_new, sort_return_same, %
1278 sort_return_swapped, str_case, str_case_e, str_clear, str_clear_new, %
1279 str_compare, str_compare_p, str_concat, str_const, str_convert_pdfname,
%
1280 str_count, str_count_ignore_spaces, str_count_spaces, str_foldcase, %
1281 str_gclear, str_gconcat, str_gput_left, str_gput_right, str_gremove_all
,%
1282 str_gremove_once, str_greplace_all, str_greplace_once, str_gset, %
1283 str_gset_convert, str_gset_eq, str_head, str_head_ignore_spaces, %
1284 str_if_empty, str_if_empty_p, str_if_eq, str_if_eq_p, str_if_exist, %
1285 str_if_exist_p, str_if_in, str_item, str_item_ignore_spaces, str_log, %
1286 str_lowercase, str_map_break, str_map_function, str_map_inline, %
1287 str_map_tokens, str_map_variable, str_new, str_put_left, str_put_right,
%
1288 str_range, str_range_ignore_spaces, str_remove_all, str_remove_once, %
1289 str_replace_all, str_replace_once, str_set, str_set_convert, str_set_eq
,%
1290 str_show, str_tail, str_tail_ignore_spaces, str_uppercase, str_use, %
1291 sys_finalise, sys_get_shell, sys_gset_rand_seed, sys_if_engine luatex,
%
1292 sys_if_engine luatex_p, sys_if_engine pdftex, sys_if_engine pdftex_p,
%
1293 sys_if_engine ptex, sys_if_engine ptex_p, sys_if_engine uptex, %
1294 sys_if_engine uptex_p, sys_if_engine xetex, sys_if_engine xetex_p, %
1295 sys_if_output dvi, sys_if_output dvi_p, sys_if_output pdf, %
1296 sys_if_output pdf_p, sys_if_platform_unix, sys_if_platform_unix_p, %
1297 sys_if_platform_windows, sys_if_platform_windows_p, sys_if_rand_exist
,%
1298 sys_if_rand_exist_p, sys_if_shell, sys_if_shell_p, %
1299 sys_if_shell_restricted, sys_if_shell_restricted_p, %
1300 sys_if_shell_unrestricted, sys_if_shell_unrestricted_p, %
1301 sys_load_backend, sys_load_debug, sys_rand_seed, sys_shell_now, %
1302 sys_shell_shipout, sys_timer, text_declare_expand_equivalent, %
1303 text_declare_purify_equivalent, text_expand, text_lowercase, %
1304 text_purify, text_titlecase, text_titlecase_first, text_uppercase, %
1305 tl_analysis_log, tl_analysis_map_inline, tl_analysis_show, %
1306 tl_build_begin, tl_build_clear, tl_build_end, tl_build_gbegin, %
1307 tl_build_gclear, tl_build_gend, tl_build_get, tl_build_gput_left, %
1308 tl_build_gput_right, tl_build_put_left, tl_build_put_right, tl_case, %
1309 tl_clear, tl_clear_new, tl_concat, tl_const, tl_count, tl_count_tokens, %
1310 tl_gclear, tl_gclear_new, tl_gconcat, tl_gput_left, tl_gput_right, %
1311 tl_gremove_all, tl_gremove_once, tl_greplace_all, tl_greplace_once, %
```

```

1312 tl_greverse,tl_gset,tl_gset_eq,tl_gset_rescan,tl_gsort,%
1313 tl_gtrim_spaces,tl_head,tl_if_blank,tl_if_blank_p,tl_if_empty,%
1314 tl_if_empty_p,tl_if_eq,tl_if_eq_p,tl_if_exist,tl_if_exist_p,%
1315 tl_if_head_eq_catcode,tl_if_head_eq_catcode_p,
1316 tl_if_head_eq_charcode,%
1317 tl_if_head_eq_charcode_p,tl_if_head_eq_meaning,%
1318 tl_if_head_eq_meaning_p,tl_if_head_is_N_type,tl_if_head_is_N_type_p
1319 ,%
1320 tl_if_head_is_group,tl_if_head_is_group_p,tl_if_head_is_space,%
1321 tl_if_head_is_space_p,tl_if_in,tl_if_novalue,tl_if_novalue_p,%
1322 tl_if_single,tl_if_single_p,tl_if_single_token,tl_if_single_token_p
1323 ,%
1324 tl_item,tl_log,tl_map_break,tl_map_function,tl_map_inline,%
1325 tl_map_tokens,tl_map_variable,tl_new,tl_put_left,tl_put_right,%
1326 tl_rand_item,tl_range,tl_range_braced,tl_range_unbraced,%
1327 tl_remove_all,tl_remove_once,tl_replace_all,tl_replace_once,%
1328 tl_rescan,tl_reverse,tl_reverse_items,tl_set,tl_set_eq,%
1329 tl_set_rescan,tl_show,tl_sort,tl_tail,tl_to_str,tl_trim_spaces,%
1330 tl_trim_spaces_apply,tl_use,token_case_catcode,token_case_charcode,
1331 %
1332 token_case_meaning,token_if_active,token_if_active_p,%
1333 token_if_alignment,token_if_alignment_p,token_if_chardef,%
1334 token_if_chardef_p,token_if_cs,token_if_cs_p,token_if_dim_register,
1335 %
1336 token_if_dim_register_p,token_if_eq_catcode,token_if_eq_catcode_p,%
1337 token_if_eq_charcode,token_if_eq_charcode_p,token_if_eq_meaning,%
1338 token_if_eq_meaning_p,token_if_expandable,token_if_expandable_p,%
1339 token_if_font_selection,token_if_font_selection_p,%
1340 token_if_group_begin,token_if_group_begin_p,token_if_group_end,%
1341 token_if_group_end_p,token_if_int_register,token_if_int_register_p,
1342 %
1343 token_if_letter,token_if_letter_p,token_if_long_macro,%
1344 token_if_long_macro_p,token_if_macro,token_if_macro_p,%
1345 token_if_math_subscript,token_if_math_subscript_p,%
1346 token_if_math_superscript,token_if_math_superscript_p,%
1347 token_if_math_toggle,token_if_math_toggle_p,token_if_mathchardef,%
1348 token_if_mathchardef_p,token_if_muskip_register,%
1349 token_if_muskip_register_p,token_if_other,token_if_other_p,%
1350 token_if_parameter,token_if_parameter_p,token_if_primitive,%
1351 token_if_primitive_p,token_if_protected_long_macro,%
1352 token_if_protected_long_macro_p,token_if_protected_macro,%
1353 token_if_protected_macro_p,token_if_skip_register,%
1354 token_if_skip_register_p,token_if_space,token_if_space_p,%
1355 token_if_toks_register,token_if_toks_register_p,token_to_meaning,%
1356 token_to_str,unvcopy,use,use_i,use_i_delimit_by_q_nil,%
1357 use_i_delimit_by_q_recursion_stop,use_i_delimit_by_q_stop,use_ii,
1358 %
1359 use_ii,use_ii_i,use_iii,use_iv,use_none,use_none_delimit_by_q_nil,%
1360 use_none_delimit_by_q_recursion_stop,use_none_delimit_by_q_stop,%
1361 use_none_delimit_by_s_stop,vbox,vbox_gset,vbox_gset_end,%
1362 vbox_gset_split_to_ht,vbox_gset_to_ht,vbox_gset_top,vbox_set,%
1363 vbox_set_end,vbox_set_split_to_ht,vbox_set_to_ht,vbox_set_top,%

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1357 vbox_to_ht, vbox_to_zero, vbox_top, vbox_unpack, vbox_unpack_drop, %
1358 vcoffin_gset, vcoffin_gset_end, vcoffin_set, vcoffin_set_end, %
1359 }, %
1360 % Keywords of class 1 : keywords that contain other characters (since
1361 % of the same class as the ones specified as 'otherkeywords')
1362 morekeywords={%
1363 }, %
1364 % Keywords of class 2 : environments names
1365 morekeywords=[2]{%
1366 }, %
1367 % Keywords of class 3 : mandatory arguments (not environments) &
1368 % optional arguments which are keys (in key=value)
1369 morekeywords=[3]{%
1370 name, alternative-model, alternative-values, %
1371 }, %
1372 % Keywords of class 4 : values of keys (in key=value)
1373 morekeywords=[4]{%
1374 cmyk, %
1375 }, %
1376 % Keywords of class 5 : arguments specifications (after ":" in expl3
1377 % syntax)
1378 morekeywords=[5]{%
1379 D, N, Nn, NF, NN, Nx, NT, NTF, NnN, NnV, Nnn, Npn, Nnnn, V, c, e, en, f, n, nF, %
1380 nn, nT, nnn, nnF, nnV, nTF, nnnn, nNnF, nNnT, nnVV, o, p, v, w, x, nnTF, %
1381 No, Nf, Ne, cn, cc, NV, %
1382 }, %
1383 % Keywords of class 6 : current package name (and possibly derived
1384 % packages)
1385 morekeywords=[6]{%
1386 expl3, %
1387 },
1388 otherkeywords={:, ~}, %
1389 alsoletter={_-.}, %
1390 % alsodigit={}, %
1391 % alsoother={}, %
1392 sensitive, %
1393 }[keywords, tex, comments]%
1394
1395 \lst@definlanguage[pdftex]{TeX}{%
1396 % Control sequences names
1397 moretexcs={%
1398 pdfinfo, pdfcatalog, pdfpageattr, pdfpagesattr, pdfpageresources, %
1399 pdfcolorstack, %
1400 }, %
1401 % Keywords of class 1 : keywords that contain other characters (since
1402 % of the same class as the ones specified as 'otherkeywords')
1403 morekeywords={%
1404 }, %
1405 % Keywords of class 2 : environments names
1406 morekeywords=[2]{%
1407 }, %
1408 % Keywords of class 3 : mandatory arguments (not environments) &

```

```

1409 % optional arguments which are keys (in key=value)
1410 morekeywords=[3]{%
1411 },%
1412 % Keywords of class 4 : values of keys (in key=value)
1413 morekeywords=[4]{%
1414 },%
1415 % Keywords of class 5 : arguments specifications (after ":" in expl3
1416 % syntax)
1417 morekeywords=[5]{%
1418 },%
1419 % Keywords of class 6 : current package name (and possibly derived
1420 % packages)
1421 morekeywords=[6]{%
1422 pdftex,%
1423 },%
1424 % otherkeywords={},
1425 % alsoletter={},
1426 % alsodigit={},%
1427 % alsoother={},%
1428 sensitive,%
1429 }[keywords, tex, comments]%
1430
1431 \lst@definlanguage[luatex]{TeX}{%
1432 % Control sequences names
1433 moretexcs={%
1434 pdfextension, ifluatex, directlua,%
1435 },%
1436 % Keywords of class 1 : keywords that contain other characters (since
1437 % of the same class as the ones specified as 'otherkeywords')
1438 morekeywords={%
1439 },%
1440 % Keywords of class 2 : environments names
1441 morekeywords=[2]{%
1442 },%
1443 % Keywords of class 3 : mandatory arguments (not environments) &
1444 % optional arguments which are keys (in key=value)
1445 morekeywords=[3]{%
1446 colorstack },%
1447 % Keywords of class 4 : values of keys (in key=value)
1448 morekeywords=[4]{%
1449 },%
1450 % Keywords of class 5 : arguments specifications (after ":" in expl3
1451 % syntax)
1452 morekeywords=[5]{%
1453 },%
1454 % Keywords of class 6 : current package name (and possibly derived
1455 % packages)
1456 morekeywords=[6]{%
1457 luatex,%
1458 },%
1459 % otherkeywords={},
1460 % alsoletter={},

```



```
1461 % alsodigit={},%
1462 % alsoother={},%
1463 sensitive,%
1464 }[keywords, tex, comments]%
1465
1466 \lst@definlanguage[dvips]{TeX}{%
1467 % Control sequences names
1468 moretexcs={%
1469 },%
1470 % Keywords of class 1 : keywords that contain other characters (since
1471 % of the same class as the ones specified as 'otherkeywords')
1472 morekeywords={%
1473 },%
1474 % Keywords of class 2 : environments names
1475 morekeywords=[2]{%
1476 },%
1477 % Keywords of class 3 : mandatory arguments (not environments) &
1478 % optional arguments which are keys (in key=value)
1479 morekeywords=[3]{%
1480 color, push,%
1481 },%
1482 % Keywords of class 4 : values of keys (in key=value)
1483 morekeywords=[4]{%
1484 },%
1485 % Keywords of class 5 : arguments specifications (after ":" in expl3
1486 % syntax)
1487 morekeywords=[5]{%
1488 },%
1489 % Keywords of class 6 : current package name (and possibly derived
1490 % packages)
1491 morekeywords=[6]{%
1492 dvips,%
1493 },%
1494 % otherkeywords={},
1495 % alsoletter={},
1496 % alsodigit={},%
1497 % alsoother={},%
1498 sensitive,%
1499 }[keywords, tex, comments]%
1500
1501 \lst@definlanguage[xetex]{TeX}{%
1502 % Control sequences names
1503 moretexcs={%
1504 },%
1505 % Keywords of class 1 : keywords that contain other characters (since
1506 % of the same class as the ones specified as 'otherkeywords')
1507 morekeywords={%
1508 },%
1509 % Keywords of class 2 : environments names
1510 morekeywords=[2]{%
1511 },%
1512 % Keywords of class 3 : mandatory arguments (not environments) &
```

```

1513 % optional arguments which are keys (in key=value)
1514 morekeywords=[3]{%
1515 pdfcolorstack,%
1516 },%
1517 % Keywords of class 4 : values of keys (in key=value)
1518 morekeywords=[4]{%
1519 },%
1520 % Keywords of class 5 : arguments specifications (after ":" in expl3
1521 % syntax)
1522 morekeywords=[5]{%
1523 },%
1524 % Keywords of class 6 : current package name (and possibly derived
1525 % packages)
1526 morekeywords=[6]{%
1527 xetex,%
1528 },%
1529 % otherkeywords={},
1530 % alsoletter={},
1531 % alsodigit={},%
1532 % alsoother={},%
1533 sensitive,%
1534 }[keywords, tex, comments]%
1535
1536 \lst@definlanguage[inputenc]{TeX}{%
1537 % Control sequences names
1538 moretexcs={%
1539 },%
1540 % Keywords of class 1 : keywords that contain other characters (since
1541 % of the same class as the ones specified as 'otherkeywords')
1542 morekeywords={%
1543 },%
1544 % Keywords of class 2 : environments names
1545 morekeywords=[2]{%
1546 },%
1547 % Keywords of class 3 : mandatory arguments (not environments) &
1548 % optional arguments which are keys (in key=value)
1549 morekeywords=[3]{%
1550 latin1 },%
1551 % Keywords of class 4 : values of keys (in key=value)
1552 morekeywords=[4]{%
1553 },%
1554 % Keywords of class 5 : arguments specifications (after ":" in expl3
1555 % syntax)
1556 morekeywords=[5]{%
1557 },%
1558 % Keywords of class 6 : current package name (and possibly derived
1559 % packages)
1560 morekeywords=[6]{%
1561 inputenc,%
1562 },%
1563 % otherkeywords={},%
1564 alsoletter={1},%

```

```
1565 % alsodigit={},%
1566 % alsoother={},%
1567 sensitive,%
1568 }[keywords, tex, comments]%
1569
1570 \lst@definlanguage[pdfmanagement-testphase]{TeX}{%
1571 % Control sequences names
1572 moretexcs={%
1573 pdfmanagement_add, DeclareDocumentMetadata, AddToDocumentProperties,%
1574 ShowDocumentProperties, GetDocumentProperties,%
1575 },%
1576 % Keywords of class 1 : keywords that contain other characters (since
1577 % of the same class as the ones specified as 'otherkeywords')
1578 morekeywords={%
1579 },%
1580 % Keywords of class 2 : environments names
1581 morekeywords=[2]{%
1582 },%
1583 % Keywords of class 3 : mandatory arguments (not environments) &
1584 % optional arguments which are keys (in key=value)
1585 morekeywords=[3]{% Keys or optional arguments
1586 pdfmanagement-testphase, uncompress, geometry, top-level, backend, Info,
1587 %
1588 ThisPage, pdfversion, pdfstandard, paper, topic, Title, Rotate,%
1589 },%
1589 % Keywords of class 4 : values of keys (in key=value)
1590 morekeywords=[4]{%
1591 dvipdfmx,%
1592 },%
1593 % Keywords of class 5 : arguments specifications (after ":" in expl3
1594 % syntax)
1595 morekeywords=[5]{%
1596 nnn,%
1597 },%
1598 % Keywords of class 6 : current package name (and possibly derived
1599 % packages)
1600 morekeywords=[6]{%
1601 pdfmanagement-testphase,%
1602 },
1603 otherkeywords={:},%
1604 alsoletter={_-},%
1605 % alsodigit={},%
1606 % alsoother={},%
1607 sensitive,%
1608 }[keywords, tex, comments]%
1609
1610 \lst@definlanguage[rotating]{TeX}{%
1611 % Control sequences names
1612 moretexcs={%
1613 },%
1614 % Keywords of class 1 : keywords that contain other characters (since
1615 % of the same class as the ones specified as 'otherkeywords')
```

```

1616 morekeywords={%
1617 },%
1618 % Keywords of class 2 : environments names
1619 morekeywords=[2]{%
1620 sidewaysstable,%
1621 },%
1622 % Keywords of class 3 : mandatory arguments (not environments) &
1623 % optional arguments which are keys (in key=value)
1624 morekeywords=[3]{%
1625 },%
1626 % Keywords of class 4 : values of keys (in key=value)
1627 morekeywords=[4]{%
1628 },%
1629 % Keywords of class 5 : arguments specifications (after ":" in expl3
1630 % syntax)
1631 morekeywords=[5]{%
1632 },%
1633 % Keywords of class 6 : current package name (and possibly derived
1634 % packages)
1635 morekeywords=[6]{%
1636 rotating,%
1637 },%
1638 % alsoletter={},
1639 % alsodigit={},%
1640 % alsoother={},%
1641 sensitive,%
1642 }[keywords, tex, comments]%
1643
1644 \lst@definlanguage[fontenc]{TeX}%
1645 {%
1646 % Control sequences names
1647 moretexcs={%
1648 },%
1649 % Keywords of class 1 : keywords that contain other characters (since
1650 % of the same class as the ones specified as 'otherkeywords')
1651 morekeywords={%
1652 },%
1653 % Keywords of class 2 : environments names
1654 morekeywords=[2]{%
1655 },%
1656 % Keywords of class 3 : mandatory arguments (not environments) &
1657 % optional arguments which are keys (in key=value)
1658 morekeywords=[3]{%
1659 T1 },%
1660 % Keywords of class 4 : values of keys (in key=value)
1661 morekeywords=[4]{%
1662 },%
1663 % Keywords of class 5 : arguments specifications (after ":" in expl3
1664 % syntax)
1665 morekeywords=[5]{%
1666 },%
1667 % Keywords of class 6 : current package name (and possibly derived

```

```

1668 % packages)
1669 morekeywords=[6]{%
1670 fontenc,%
1671 },%
1672 % otherkeywords={},
1673 % alsoletter={1},%
1674 alsodigit={1},%
1675 % alsoother={},%
1676 sensitive,%
1677 }[keywords, tex, comments]%
1678
1679 \lst@definlanguage[babel]{TeX}%
1680 {%
1681 % Control sequences names
1682 moretexcs={%
1683 foreignlanguage, selectlanguage, iflanguage,%
1684 },%
1685 % Keywords of class 1 : keywords that contain other characters (since
1686 % of the same class as the ones specified as 'otherkeywords')
1687 morekeywords={%
1688 },%
1689 % Keywords of class 2 : environments names
1690 morekeywords=[2]{%
1691 otherlanguage,%
1692 },%
1693 % Keywords of class 3 : mandatory arguments (not environments) &
1694 % optional arguments which are keys (in key=value)
1695 morekeywords=[3]{%
1696 },%
1697 % Keywords of class 4 : values of keys (in key=value)
1698 morekeywords=[4]{%
1699 UKenglish, USenglish, acadian, afrikaans, american, arabic, australian,%
1700 austrian, azerbaijani, bahasa, bahasai, basque, bgreek, brazil,%
1701 brazilian, breton, british, bulgarian, canadian, canadien, catalan,%
1702 croatian, czech, danish, dutch, english, esperanto, estonian, ethiop,%
1703 farsi, finnish, francais, french, frenchle, friulan, galician, german,%
1704 germanb, greek, hebrew, hindi, ibygreek, icelandic, indon, indonesian,%
1705 interlingua, irish, italian, japanese, latin, latvian, lithuanian,%
1706 lowersorbian, magyar, malay, melayu (bahasam), mongolian, naustrian,%
1707 newzealand, ngerman, norsk, nynorsk, pinyin, polish, polutonikogreek,%
1708 portuges, portuguese, romanian, romansh, russian, samin, scottish,%
1709 serbian, serbianc, slovak, slovene, spanglish, spanish, swedish, thai,%
1710 thaicjk, turkish, turkmen, ukrainian, uppersorbian, vietnamese,%
1711 welsh,%
1712 },%
1713 % Keywords of class 5 : arguments specifications (after ":" in expl3
1714 % syntax)
1715 morekeywords=[5]{%
1716 },%
1717 % Keywords of class 6 : current package name (and possibly derived
1718 % packages)
1719 morekeywords=[6]{%

```

```

1720 babel,%
1721 },%
1722 % otherkeywords={},
1723 % alsoletter={},
1724 % alsodigit={},%
1725 % alsoother={},%
1726 sensitive,%
1727 }[keywords, tex, comments]%
1728
1729 \lst@definlanguage[babel-french]{TeX}%
1730 {%
1731 % Control sequences names
1732 moretexcs={%
1733 og, fg, up, bsc, ier, iers, iere, ieres, ieme, iemes, primo, secundo, %
1734 tertio, quarto, FrenchEnumerate, No, Nos, no, nos, degre, nombre, %
1735 frenchabstractname, frenchbibname, frenchrefname, frenchprefacename, %
1736 frenchchaptername, frenchappendixname, frenchcontentsname, %
1737 frenchlistfigurename, frenchlisttablename, frenchindexname, %
1738 frenchglossaryname, frenchfigurename, frenchtablename, frenchpartname,
1739 %
1740 frenchenclname, frenchccname, frenchheadtoname, frenchpagename, %
1741 frenchseenname, frenchalsoname, frenchproofname%, %
1742 frquote, %
1743 },%
1744 % Keywords of class 1 : keywords that contain other characters (since
1745 % of the same class as the ones specified as 'otherkeywords')
1746 morekeywords={%
1747 },%
1748 % Keywords of class 2 : environments names
1749 morekeywords=[2]{%
1750 },%
1751 % Keywords of class 3 : mandatory arguments (not environments) &
1752 % optional arguments which are keys (in key=value)
1753 morekeywords=[3]{%
1754 },%
1755 % Keywords of class 4 : values of keys (in key=value)
1756 morekeywords=[4]{%
1757 },%
1758 % Keywords of class 5 : arguments specifications (after ":" in expl3
1759 % syntax)
1760 morekeywords=[5]{%
1761 },%
1762 % Keywords of class 6 : current package name (and possibly derived
1763 % packages)
1764 morekeywords=[6]{%
1765 babel-french,%
1766 },%
1767 % otherkeywords={},%
1768 alsoletter={-},%
1769 % alsodigit={},%
1770 % alsoother={},%
1771 sensitive,%

```

```
1771 }[keywords,tex,comments]%
1772
1773 \lst@definlanguage[kantlipsum]{TeX}{%
1774 % Control sequences names
1775 moretexcs={%
1776 kant,%
1777 },%
1778 % Keywords of class 1 : keywords that contain other characters (since
1779 % of the same class as the ones specified as 'otherkeywords')
1780 morekeywords={%
1781 },%
1782 % Keywords of class 2 : environments names
1783 morekeywords=[2]{%
1784 },%
1785 % Keywords of class 3 : mandatory arguments (not environments) &
1786 % optional arguments which are keys (in key=value)
1787 morekeywords=[3]{%
1788 },%
1789 % Keywords of class 4 : values of keys (in key=value)
1790 morekeywords=[4]{%
1791 },%
1792 % Keywords of class 5 : arguments specifications (after ":" in expl3
1793 % syntax)
1794 morekeywords=[5]{%
1795 },%
1796 % Keywords of class 6 : current package name (and possibly derived
1797 % packages)
1798 morekeywords=[6]{%
1799 kantlipsum,%
1800 },%
1801 % otherkeywords={},
1802 % alsoletter={},
1803 % alsodigit={},%
1804 % alsoother={},%
1805 sensitive,%
1806 }[keywords,tex,comments]%
1807
1808 \lst@definlanguage[hyperxmp]{TeX}{%
1809 % Control sequences names
1810 moretexcs={%
1811 },%
1812 % Keywords of class 1 : keywords that contain other characters (since
1813 % of the same class as the ones specified as 'otherkeywords')
1814 morekeywords={%
1815 },%
1816 % Keywords of class 2 : environments names
1817 morekeywords=[2]{%
1818 },%
1819 % Keywords of class 3 : mandatory arguments (not environments) &
1820 % optional arguments which are keys (in key=value)
1821 morekeywords=[3]{%
1822 },%
```

```

1823 % Keywords of class 4 : values of keys (in key=value)
1824 morekeywords=[4]{%
1825 },%
1826 % Keywords of class 5 : arguments specifications (after ":" in expl3
1827 % syntax)
1828 morekeywords=[5]{%
1829 },%
1830 % Keywords of class 6 : current package name (and possibly derived
1831 % packages)
1832 morekeywords=[6]{%
1833 hyperxmp,%
1834 },%
1835 % otherkeywords={},
1836 % alsoletter={},
1837 % alsodigit={},%
1838 % alsoother={},%
1839 sensitive,%
1840 }[keywords, tex, comments]%
1841
1842 \lst@definelanguage[hyperref]{TeX}{%
1843 % Control sequences names
1844 moretexcs={%
1845 hypersetup, href, phantomsection, pdfstringdefDisableCommands, url,%
1846 nolinkurl, hyperbaseurl, hyperimage, hyperdef, hyperref, hyperlink,%
1847 hypertarget, hyperget, autoref, autopageref, ref*, pageref*, autoref*,%
1848 autopageref*, pdfstringdef, pdfbookmark, currentpdfbookmark,%
1849 subpdfbookmark, belowpdfbookmark, texorpdfstring, thispdfpagelabel,%
1850 hypercalcbp, nameref,%
1851 },%
1852 % Keywords of class 1 : keywords that contain other characters (since
1853 % of the same class as the ones specified as 'otherkeywords')
1854 morekeywords={%
1855 },%
1856 % Keywords of class 2 : environments names
1857 morekeywords=[2]{%
1858 },%
1859 % Keywords of class 3 : mandatory arguments (not environments) &
1860 % optional arguments which are keys (in key=value)
1861 morekeywords=[3]{%
1862 allbordercolors, allcolors, anchorcolor, backref, baseurl, bookmarks,%
1863 bookmarksnumbered, bookmarksopen, bookmarksopenlevel, bookmarkstype,%
1864 breaklinks, CJKbookmarks, citebordercolor, citecolor, colorlinks, debug,%
1865 %
1866 destlabel, draft, driverfallback, dvipdfm, dvipdfmx, dvips, dvipsone,%
1867 dviwindo, encap, extension, filebordercolor, filecolor, final,%
1868 frenchlinks, hidelinks, hyperfigures, hyperfootnotes, hyperindex,%
1869 hypertex, hypertexnames, implicit, latex2html, linkbordercolor,%
1870 linkcolor, linktoc, linktocpage, menubordercolor, menucolor, nativepdf,%
1871 naturalnames, nesting, next-anchor, pageanchor, pagebackref, pdfauthor,%
1872 pdfborder, pdfborderstyle, pdfcenterwindow, pdfcreator, pdfdirection,%
1873 pdfdisplaydoctitle, pdfduplex, pdfffitwindow, pdfhighlight, pdfinfo,%
1874 pdfkeywords, pdflang, pdfmark, pdfmenubar, pdfnewwindow,%

```



```

1874 pdfnonscreenpagemode, pdfnumcopies, pdfpagelabels, pdfpagelayout, %
1875 pdfpagemode, pdfpagescrop, pdfpagetransition, pdfpicktraybypdfsize, %
1876 pdfprintarea, pdfprintclip, pdfprintpagerange, pdfprintscaling, %
1877 pdfproducer, pdfremotestartview, pdfstartpage, pdfstartview, pdfsubject
 , %
1878 pdftex, pdftitle, pdftoolbar, pdftrapped, pdfview, pdfviewarea, %
1879 pdfviewclip, pdfwindowui, plainpages, ps2pdf, psdextra, raiselinks, %
1880 runbordercolor, runcolor, setpagesize, tex4ht, textures, unicode, %
1881 urlbordercolor, urlcolor, verbose, vtex, xetex, %
1882 }, %
1883 % Keywords of class 4 : values of keys (in key=value)
1884 morekeywords=[4]{%
1885 }, %
1886 % Keywords of class 5 : arguments specifications (after ":" in expl3
1887 % syntax)
1888 morekeywords=[5]{%
1889 }, %
1890 % Keywords of class 6 : current package name (and possibly derived
1891 % packages)
1892 morekeywords=[6]{%
1893 hyperref, %
1894 }, %
1895 % otherkeywords={}, %
1896 alsoletter={*}, %
1897 % alsodigit={}, %
1898 % alsoother={}, %
1899 sensitive, %
1900 }[keywords, tex, comments]%
1901
1902 \lst@definlanguage[graphicx]{TeX}{%
1903 % Control sequences names
1904 moretexcs={%
1905 includegraphics, includegraphics*, definecolor, color, textcolor, %
1906 mathcolor, pagecolor, nopagecolor, colorbox, fcolorbox, rotatebox, %
1907 scalebox, reflectbox, resizebox, resizebox*, graphicspath, %
1908 DeclareGraphicsExtensions, DeclareGraphicsRule }, %
1909 % Keywords of class 1 : keywords that contain other characters (since
1910 % of the same class as the ones specified as 'otherkeywords')
1911 morekeywords={%
1912 }, %
1913 % Keywords of class 2 : environments names
1914 morekeywords=[2]{%
1915 }, %
1916 % Keywords of class 3 : mandatory arguments (not environments) &
1917 % optional arguments which are keys (in key=value)
1918 morekeywords=[3]{%
1919 draft, final, hiresbb, demo, setpagesize, nosetpagesize, dvips, xdvi, %
1920 dvipdf, dvipdfm, dvipdfmx, xetex, pdftex, luatex, dvisvgm, dvipsone, %
1921 dviwindo, emtex, dviwin, oztex, textures, pctexps, pctexwin, pctexhp, %
1922 pctex32, truetex, tcidvi, vtex, debugshow, hiderotate, hidescale, alt, %
1923 %
1924 bb, bblx, bblly, bburx, bbury, natwidth, natheight, hiresbb, pagebox, %

```

```

1925 viewport, trim, angle, origin, width, height, totalheight, %
1926 keepaspectratio, scale, clip, draft, type, ext, read, command, quiet, %
1927 page, interpolate, decodearray, origin, x, y, units, %
1928 }, %
1929 % Keywords of class 4 : values of keys (in key=value)
1930 morekeywords=[4]{%
1931 mediabox, cropbox, bleedbox, trimbox, artbox, true, false, %
1932 }, %
1933 % Keywords of class 5 : arguments specifications (after ":" in expl3
1934 % syntax)
1935 morekeywords=[5]{%
1936 }, %
1937 % Keywords of class 6 : current package name (and possibly derived
1938 % packages)
1939 morekeywords=[6]{%
1940 graphicx, %
1941 }, %
1942 % otherkeywords={}, %
1943 alsoletter={23}, %
1944 % alsodigit={}, %
1945 % alsoother={}, %
1946 sensitive, %
1947 }[keywords, tex, comments]%
1948
1949 \lst@definlanguage[geometry]{TeX}{%
1950 % Control sequences names
1951 moretexcs={%
1952 geometry, newgeometry, restoregeometry, savegeometry, loadgeometry, %
1953 }, %
1954 % Keywords of class 1 : keywords that contain other characters (since
1955 % of the same class as the ones specified as 'otherkeywords')
1956 morekeywords={%
1957 }, %
1958 % Keywords of class 2 : environments names
1959 morekeywords=[2]{%
1960 }, %
1961 % Keywords of class 3 : mandatory arguments (not environments) &
1962 % optional arguments which are keys (in key=value)
1963 morekeywords=[3]{%
1964 paper, papername, paperwidth, paperheight, papersize, landscape, %
1965 portrait, layout, layoutwidth, layoutheight, layoutsize, layoutoffset, %
1966 layoutvoffset, layoutoffset, hscale, vscale, scale, width, totalwidth, %
1967 height, totalheight, total, textwidth, textheight, text, body, lines, %
1968 includehead, includefoot, includeheadfoot, includemp, includeall, %
1969 ignorehead, ignorefoot, ignoreheadfoot, ignoremp, ignoreall, %
1970 heightrounded, hdivide, vdivide, divide, left, lmargin, inner, right, %
1971 rmargin, outer, top, tmargin, bottom, bmargin, hmargin, vmargin, margin, %
1972 hmarginratio, vmarginratio, marginratio, ratio, hcentering, vcentering, %
1973 centering, twoside, asymmetric, headheight, head, headsep, footskip, %
1974 foot, nohead, nofoot, noheadfoot, footnotesep, marginparwidth, %
1975 marginparsep, nomarginpar, columnsep, hoffset, voffset, offset, %
1976 twocolumn, onecolumn, reversemp, reversemarginpar, verbose, reset, mag, %

```

```

1977 truedimen,pass,showframe,showcrop,%
1978 },%
1979 % Keywords of class 4 : values of keys (in key=value)
1980 morekeywords=[4]{%
1981 a0paper,a1paper,a2paper,a3paper,a4paper,a5paper,a6paper,b0paper,%
1982 b1paper,b2paper,b3paper,b4paper,b5paper,b6paper,c0paper,c1paper,%
1983 c2paper,c3paper,c4paper,c5paper,c6paper,b0j,b1j,b2j,b3j,b4j,%
1984 b5j,b6j,ansiapaper,ansibpaper,ansicpaper,ansidpaper,ansiepaper,%
1985 letterpaper,executivepaper,legalpaper,screen,dvips,dvipdfm,pdftex,%
1986 luatex,xetex,vtex,dvipdfmx,xdvipdfmx,%
1987 },%
1988 % Keywords of class 5 : arguments specifications (after ":" in expl3
1989 % syntax)
1990 morekeywords=[5]{%
1991 },%
1992 % Keywords of class 6 : current package name (and possibly derived
1993 % packages)
1994 morekeywords=[6]{%
1995 geometry,%
1996 },%
1997 % otherkeywords={},%
1998 alsoletter={0123456},%
1999 % alsodigit={},%
2000 % alsoother={},%
2001 sensitive,%
2002 }[keywords,tex,comments]%
2003
2004 \lst@definelanguage[newpax]{TeX}{%
2005 % Control sequences names
2006 moretexcs={%
2007 newpaxsetup,%
2008 },%
2009 % Keywords of class 1 : keywords that contain other characters (since
2010 % of the same class as the ones specified as 'otherkeywords')
2011 morekeywords={%
2012 },%
2013 % Keywords of class 2 : environments names
2014 morekeywords=[2]{%
2015 },%
2016 % Keywords of class 3 : mandatory arguments (not environments) &
2017 % optional arguments which are keys (in key=value)
2018 morekeywords=[3]{%
2019 addannots,%
2020 },%
2021 % Keywords of class 4 : values of keys (in key=value)
2022 morekeywords=[4]{%
2023 false,%
2024 },%
2025 % Keywords of class 5 : arguments specifications (after ":" in expl3
2026 % syntax)
2027 morekeywords=[5]{%
2028 },%

```

```

2029 % Keywords of class 6 : current package name (and possibly derived
2030 % packages)
2031 morekeywords=[6]{%
2032 newpax,%
2033 },%
2034 % otherkeywords={},
2035 % alsoletter={},
2036 % alsodigit={},%
2037 % alsoother={},%
2038 sensitive,%
2039 }[keywords, tex, comments]%
2040
2041 \lst@definlanguage[tikz]{TeX}{%
2042 % Control sequences names
2043 moretexcs={%
2044 usetikzlibrary, draw, node, matrix, fill, foreach, tikz, pgfmathsetmacro,%
2045 path, tikzstyle%
2046 },%
2047 % Keywords of class 1 : keywords that contain other characters (since
2048 % of the same class as the ones specified as 'otherkeywords')
2049 morekeywords={%
2050 },%
2051 % Keywords of class 2 : environments names
2052 morekeywords=[2]{%
2053 tikzpicture,%
2054 },%
2055 % Keywords of class 3 : mandatory arguments (not environments) &
2056 % optional arguments which are keys (in key=value)
2057 morekeywords=[3]{%
2058 pic, rotate, xshift, yshift, every, node, inner, sep, blend, mode, fill,%
2059 fit, circle, anchor, in, count, x, y, matrix, of, math, nodes, above right,%
2060 at, --, -|, |- , thick, size, angle, circle, through, intersection, of, .style,
2061 %lineno
2062 draw, coordinate, shift, and, cycle, cs:A, node, barycentric, double
2063 distance,%
2064 },%
2065 % Keywords of class 4 : values of keys (in key=value)
2066 morekeywords=[4]{%
2067 multiply, lightgray, base, red%
2068 },%
2069 % Keywords of class 5 : arguments specifications (after ":" in expl3
2070 % syntax)
2071 morekeywords=[5]{%
2072 },%
2073 % Keywords of class 6 : current package name (and possibly derived
2074 % packages)
2075 morekeywords=[6]{%
2076 tikz,%
2077 },%
2078 % otherkeywords={},%
2079 alsoletter={-| \ :.},%
2080 % alsodigit={},%

```

```
2079 % alsoother={}, %
2080 sensitive, %
2081 }[keywords, tex, comments] %
2082
2083 \lst@definlanguage[tikzducks]{TeX}{%
2084 % Control sequences names
2085 moretexcs={%
2086 duck, %
2087 }, %
2088 % Keywords of class 1 : keywords that contain other characters (since
2089 % of the same class as the ones specified as 'otherkeywords')
2090 morekeywords={%
2091 }, %
2092 % Keywords of class 2 : environments names
2093 morekeywords=[2]{%
2094 }, %
2095 % Keywords of class 3 : mandatory arguments (not environments) &
2096 % optional arguments which are keys (in key=value)
2097 morekeywords=[3]{%
2098 alien, aodai, baguette, basket, beard, beret, bill, body, book, %
2099 bookcolour, bowtie, bubblecolour, bunny, buttons, cake, cap, cape, %
2100 cheese, chef, cocktail, conicalhat, crazyhair, cricket, crown, crozier, %
2101 crystalball, darthvader, devil, easter, egga, eggb, eggc, eye, eyebrow, %
2102 flavoura, flavourb, flavourc, football, glasses, graduate, grumpy, %
2103 handbag, harlequin, hat, head, helmet, hockey, horsetail, icecream, %
2104 inear, invisible, jacket, kingcrown, lapel, laughing, lightsaber, %
2105 longhair, magichat, magicstars, magicwand, mask, milkshake, mohican, %
2106 mullet, name, neckerchief, necklace, niuquelrah, overleaf, parrot, %
2107 parting, peakedcap, pickaxe, pizza, prison, queencrown, recedinghair, %
2108 ribbon, rollingpin, sailor, santa, sheep, shorthair, shovel, signback, %
2109 signcolour, signpost, snowduck, speech, squareglasses, stethoscope, %
2110 strawhat, sunglasses, tail, tassel, think, tie, tophat, torch, tshirt, %
2111 umbrella, umbrellaclosed, unicorn, vampire, viking, water, wine, wing, %
2112 witch, woggle, %
2113 }, %
2114 % Keywords of class 4 : values of keys (in key=value)
2115 morekeywords=[4]{%
2116 blue, green, red, yellow, %
2117 }, %
2118 % Keywords of class 5 : arguments specifications (after ":" in expl3
2119 % syntax)
2120 morekeywords=[5]{%
2121 }, %
2122 % Keywords of class 6 : current package name (and possibly derived
2123 % packages)
2124 morekeywords=[6]{%
2125 tikzducks, %
2126 }, %
2127 % otherkeywords={},
2128 % alsoletter={},
2129 % alsodigit={}, %
2130 % alsoother={}, %
```

```

2131 sensitive,%
2132 }[keywords,tex,comments]%
2133
2134 \lst@definlanguage[tikzlings]{TeX}{%
2135 % Control sequences names
2136 moretexcs={%
2137 anteater,bear,bee,cat,chicken,coati,elephant,hippo,koala,%
2138 marmot,mole,mouse,owl,panda,penguin,pig,rhino,sheep,sloth,%
2139 squirrel,snowman,%
2140 },%
2141 % Keywords of class 1 : keywords that contain other characters (since
2142 % of the same class as the ones specified as 'otherkeywords')
2143 morekeywords={%
2144 },%
2145 % Keywords of class 2 : environments names
2146 morekeywords=[2]{%
2147 },%
2148 % Keywords of class 3 : mandatory arguments (not environments) &
2149 % optional arguments which are keys (in key=value)
2150 morekeywords=[3]{%
2151 3D,eye,contour,back,globalwarming,whiskers,schroedinger,%
2152 },%
2153 % Keywords of class 4 : values of keys (in key=value)
2154 morekeywords=[4]{%
2155 },%
2156 % Keywords of class 5 : arguments specifications (after ":" in expl3
2157 % syntax)
2158 morekeywords=[5]{%
2159 },%
2160 % Keywords of class 6 : current package name (and possibly derived
2161 % packages)
2162 morekeywords=[6]{%
2163 tikzlings,%
2164 },%
2165 % otherkeywords={},%
2166 alsoletter={3},%
2167 % alsodigit={},%
2168 % alsoother={},%
2169 sensitive,%
2170 }[keywords,tex,comments]%
2171
2172 \lst@definlanguage[tikz-nfold]{TeX}{%
2173 % Control sequences names
2174 moretexcs={%
2175 },%
2176 % Keywords of class 1 : keywords that contain other characters (since
2177 % of the same class as the ones specified as 'otherkeywords')
2178 morekeywords={%
2179 },%
2180 % Keywords of class 2 : environments names
2181 morekeywords=[2]{%
2182 },%

```

```

2183 % Keywords of class 3 : mandatory arguments (not environments) &
2184 % optional arguments which are keys (in key=value)
2185 morekeywords=[3]{%
2186 nfold,double,distance,%
2187 },%
2188 % Keywords of class 4 : values of keys (in key=value)
2189 morekeywords=[4]{%
2190 },%
2191 % Keywords of class 5 : arguments specifications (after ":" in expl3
2192 % syntax)
2193 morekeywords=[5]{%
2194 },%
2195 % Keywords of class 6 : current package name (and possibly derived
2196 % packages)
2197 morekeywords=[6]{%
2198 tikz-nfold,%
2199 },%
2200 % otherkeywords={},%
2201 alsoletter={-},%
2202 % alsodigit={},%
2203 % alsoother={},%
2204 sensitive,%
2205 }[keywords, tex, comments]%
2206
2207 \lst@definlanguage[amsmath]{TeX}{%
2208 % Control sequences names
2209 moretexcs={%
2210 cdots,ddots,vdots,dfrac,mathcal%
2211 },%
2212 % Keywords of class 1 : keywords that contain other characters (since
2213 % of the same class as the ones specified as 'otherkeywords')
2214 morekeywords={%
2215 },%
2216 % Keywords of class 2 : environments names
2217 morekeywords=[2]{%
2218 pmatrix,align,align*,alignat,alignat*,aligned,alignedat,bmatrix,%
2219 Bmatrix,cases,equation*,flalign,flalign*,gather,gather*,gathered,%
2220 matrix,multline,multline*,pmatrix,smallmatrix,split,subarray,%
2221 subequations,vmatrix,Vmatrix,xalignat,xalignat*,xxalignat%
2222 %
2223 },%
2224 % Keywords of class 3 : mandatory arguments (not environments) &
2225 % optional arguments which are keys (in key=value)
2226 morekeywords=[3]{%
2227 },%
2228 % Keywords of class 4 : values of keys (in key=value)
2229 morekeywords=[4]{%
2230 },%
2231 % Keywords of class 5 : arguments specifications (after ":" in expl3
2232 % syntax)
2233 morekeywords=[5]{%
2234 },%

```

```

2235 % Keywords of class 6 : current package name (and possibly derived
2236 % packages)
2237 morekeywords=[6]{%
2238 amsmath,%
2239 },%
2240 % otherkeywords={},
2241 alsoletter={*},
2242 % alsodigit={},%
2243 % alsoother={},%
2244 sensitive,%
2245 }[keywords, tex, comments]%
2246
2247 %%%
2248 % xparse
2249 %%%
2250 \lst@definlanguage[xparse]{TeX}{%
2251 % Control sequences names
2252 moretexcs={%
2253 NewDocumentCommand, RenewDocumentCommand, ProvideDocumentCommand,%
2254 DeclareDocumentCommand, NewDocumentEnvironment,%
2255 RenewDocumentEnvironment, ProvideDocumentEnvironment,%
2256 DeclareDocumentEnvironment, NewExpandableDocumentCommand,%
2257 RenewExpandableDocumentCommand, ProvideExpandableDocumentCommand,%
2258 DeclareExpandableDocumentCommand, IfNoValueT, IfNoValueF, IfNoValueTF,%
2259 %
2260 IfValueT, IfValueF, IfValueTF, IfBooleanT, IfBooleanF, IfBooleanTF,%
2261 BooleanTrue, BooleanFalse, ProcessedArgument, ReverseBoolean,%
2262 SplitArgument, SplitList, ProcessList, TrimSpaces,%
2263 GetDocumentCommandArgSpec, GetDocumentEnvironmentArgSpec,%
2264 ShowDocumentCommandArgSpec, ShowDocumentEnvironmentArgSpec,%
2265 },%
2266 % Keywords of class 1 : keywords that contain other characters (since
2267 % of the same class as the ones specified as 'otherkeywords')
2268 morekeywords={%
2269 },%
2270 % Keywords of class 2 : environments names
2271 morekeywords=[2]{%
2272 },%
2273 % Keywords of class 3 : mandatory arguments (not environments) &
2274 % optional arguments which are keys (in key=value)
2275 morekeywords=[3]{%
2276 log-declarations,%
2277 m, r, R, v, b, o, d, O, D, s, t, e, E,%
2278 },%
2279 % Keywords of class 4 : values of keys (in key=value)
2280 morekeywords=[4]{%
2281 },%
2282 % Keywords of class 5 : arguments specifications (after ":" in expl3
2283 % syntax)
2284 morekeywords=[5]{%
2285 },%
2286 % Keywords of class 6 : current package name (and possibly derived

```





```

2338 %%
2339 \lst@definlanguage[multirow]{TeX}%
2340 {%
2341 % Control sequences names
2342 moretexcs={%
2343 multirow,%
2344 },%
2345 % Keywords of class 1 : keywords that contain other characters (since
2346 % of the same class as the ones specified as 'otherkeywords')
2347 morekeywords={%
2348 },%
2349 % Keywords of class 2 : environments names
2350 morekeywords=[2]{%
2351 },%
2352 % Keywords of class 3 : mandatory arguments (not environments) &
2353 % optional arguments which are keys (in key=value)
2354 morekeywords=[3]{%
2355 },%
2356 % Keywords of class 4 : values of keys (in key=value)
2357 morekeywords=[4]{%
2358 },%
2359 % Keywords of class 5 : arguments specifications (after ":" in expl3
2360 % syntax)
2361 morekeywords=[5]{%
2362 },%
2363 % Keywords of class 6 : current package name (and possibly derived
2364 % packages)
2365 morekeywords=[6]{%
2366 multirow,%
2367 },%
2368 % otherkeywords={},
2369 % alsoletter={},
2370 % alsodigit={},%
2371 % alsoother={},%
2372 sensitive,%
2373 }[keywords, tex, comments]%
2374
2375 %%
2376 % nicematrix
2377 %%
2378 \lst@definlanguage[nicematrix]{TeX}%
2379 {%
2380 % Control sequences names
2381 moretexcs={%
2382 Cdots, Ddots, Vdots, Body, CodeBefore, CodeAfter, Block,%
2383 },%
2384 % Keywords of class 1 : keywords that contain other characters (since
2385 % of the same class as the ones specified as 'otherkeywords')
2386 morekeywords={%
2387 },%
2388 % Keywords of class 2 : environments names
2389 morekeywords=[2]{%

```

```

2390 pNiceMatrix,NiceMatrix,NiceTabular,bNiceArray,%
2391 },%
2392 % Keywords of class 3 : mandatory arguments (not environments) &
2393 % optional arguments which are keys (in key=value)
2394 morekeywords=[3]{%
2395 hvlines,rules/width,baseline,colortbl-like,margin,right-margin,%
2396 create-cell-nodes,rounded-corners,draw,%
2397 },%
2398 % Keywords of class 4 : values of keys (in key=value)
2399 morekeywords=[4]{%
2400 },%
2401 % Keywords of class 5 : arguments specifications (after ":" in expl3
2402 % syntax)
2403 morekeywords=[5]{%
2404 },%
2405 % Keywords of class 6 : current package name (and possibly derived
2406 % packages)
2407 morekeywords=[6]{%
2408 nicematrix,%
2409 },
2410 otherkeywords={&},%
2411 alsoletter={/},%
2412 % alsodigit={},%
2413 % alsoother={},%
2414 sensitive,%
2415 }[keywords,tex,comments]%
2416
2417 %%%
2418 % booktabs
2419 %%%
2420 \lst@definlanguage[booktabs]{TeX}%
2421 {%
2422 % Control sequences names
2423 moretexcs={%
2424 toprule,midrule,bottomrule,cmidrule,addlinespace,morecmidrules,%
2425 specialrule,%
2426 },%
2427 % Keywords of class 1 : keywords that contain other characters (since
2428 % of the same class as the ones specified as 'otherkeywords')
2429 morekeywords={%
2430 },%
2431 % Keywords of class 2 : environments names
2432 morekeywords=[2]{%
2433 },%
2434 % Keywords of class 3 : mandatory arguments (not environments) &
2435 % optional arguments which are keys (in key=value)
2436 morekeywords=[3]{%
2437 },%
2438 % Keywords of class 4 : values of keys (in key=value)
2439 morekeywords=[4]{%
2440 },%
2441 % Keywords of class 5 : arguments specifications (after ":" in expl3

```

```

2442 % syntax)
2443 morekeywords=[5]{%
2444 },%
2445 % Keywords of class 6 : current package name (and possibly derived
2446 % packages)
2447 morekeywords=[6]{%
2448 booktabs,%
2449 },%
2450 % otherkeywords={},
2451 % alsoletter={},
2452 % alsodigit={},%
2453 % alsoother={},%
2454 sensitive,%
2455 }[keywords, tex, comments]%
2456
2457 %%%%%%%%%%%
2458 % strands
2459 %%%%%%%%%%%
2460 \lst@definlanguage[strands]{TeX}%
2461 {%
2462 % Control sequences names
2463 moretexcs={%
2464 strands,%
2465 },%
2466 % Keywords of class 1 : keywords that contain other characters (since
2467 % of the same class as the ones specified as 'otherkeywords')
2468 morekeywords={%
2469 },%
2470 % Keywords of class 2 : environments names
2471 morekeywords=[2]{%
2472 },%
2473 % Keywords of class 3 : mandatory arguments (not environments) &
2474 % optional arguments which are keys (in key=value)
2475 morekeywords=[3]{%
2476 },%
2477 % Keywords of class 4 : values of keys (in key=value)
2478 morekeywords=[4]{%
2479 },%
2480 % Keywords of class 5 : arguments specifications (after ":" in expl3
2481 % syntax)
2482 morekeywords=[5]{%
2483 },%
2484 % Keywords of class 6 : current package name (and possibly derived
2485 % packages)
2486 morekeywords=[6]{%
2487 strands,%
2488 },%
2489 % otherkeywords={},
2490 % alsoletter={},
2491 % alsodigit={},%
2492 % alsoother={},%
2493 sensitive,%

```

```

2494 }[keywords, tex, comments]%
2495
2496 %%%
2497 % cartonaugh
2498 %%%
2499 \lst@definlanguage[cartonaugh]{TeX}%
2500 {%
2501 % Control sequences names
2502 moretexcs={%
2503 maxterms, minterms, terms, implicant, %
2504 }, %
2505 % Keywords of class 1 : keywords that contain other characters (since
2506 % of the same class as the ones specified as 'otherkeywords')
2507 morekeywords={%
2508 }, %
2509 % Keywords of class 2 : environments names
2510 morekeywords=[2]{%
2511 cartonaugh, %
2512 }, %
2513 % Keywords of class 3 : mandatory arguments (not environments) &
2514 % optional arguments which are keys (in key=value)
2515 morekeywords=[3]{%
2516 }, %
2517 % Keywords of class 4 : values of keys (in key=value)
2518 morekeywords=[4]{%
2519 }, %
2520 % Keywords of class 5 : arguments specifications (after ":" in expl3
2521 % syntax)
2522 morekeywords=[5]{%
2523 }, %
2524 % Keywords of class 6 : current package name (and possibly derived
2525 % packages)
2526 morekeywords=[6]{%
2527 cartonaugh, %
2528 }, %
2529 % otherkeywords={},
2530 % alsoletter={},
2531 % alsodigit={},
2532 % alsoother={},
2533 sensitive, %
2534 }[keywords, tex, comments]%
2535
2536 %%%
2537 % xistercian
2538 %%%
2539 \lst@definlanguage[xistercian]{TeX}%
2540 {%
2541 % Control sequences names
2542 moretexcs={%
2543 cisterciannum, %
2544 }, %
2545 % Keywords of class 1 : keywords that contain other characters (since

```

```

2546 % of the same class as the ones specified as 'otherkeywords')
2547 morekeywords={%
2548 },%
2549 % Keywords of class 2 : environments names
2550 morekeywords=[2]{%
2551 xistercian,%
2552 },%
2553 % Keywords of class 3 : mandatory arguments (not environments) &
2554 % optional arguments which are keys (in key=value)
2555 morekeywords=[3]{%
2556 },%
2557 % Keywords of class 4 : values of keys (in key=value)
2558 morekeywords=[4]{%
2559 },%
2560 % Keywords of class 5 : arguments specifications (after ":" in expl3
2561 % syntax)
2562 morekeywords=[5]{%
2563 },%
2564 % Keywords of class 6 : current package name (and possibly derived
2565 % packages)
2566 morekeywords=[6]{%
2567 xistercian,%
2568 },%
2569 % otherkeywords={},
2570 % alsoletter={},
2571 % alsodigit={},%
2572 % alsoother={},%
2573 sensitive,%
2574 }[keywords, tex, comments]%
2575
2576 %%%
2577 % aboensis
2578 %%%
2579 \lst@definlanguage[aboensis]{TeX}%
2580 {%
2581 % Control sequences names
2582 moretexcs={%
2583 abcursivefamily,%
2584 },%
2585 % Keywords of class 1 : keywords that contain other characters (since
2586 % of the same class as the ones specified as 'otherkeywords')
2587 morekeywords={%
2588 },%
2589 % Keywords of class 2 : environments names
2590 morekeywords=[2]{%
2591 },%
2592 % Keywords of class 3 : mandatory arguments (not environments) &
2593 % optional arguments which are keys (in key=value)
2594 morekeywords=[3]{%
2595 },%
2596 % Keywords of class 4 : values of keys (in key=value)
2597 morekeywords=[4]{%

```

```

2598 },%
2599 % Keywords of class 5 : arguments specifications (after ":" in expl3
2600 % syntax)
2601 morekeywords=[5]{%
2602 },%
2603 % Keywords of class 6 : current package name (and possibly derived
2604 % packages)
2605 morekeywords=[6]{%
2606 aboensis,%
2607 },%
2608 % otherkeywords={},
2609 % alsoletter={},
2610 % alsodigit={},%
2611 % alsoother={},%
2612 sensitive,%
2613 }[keywords, tex, comments]%
2614
2615 %%%
2616 % aboensis
2617 %%%
2618 \lst@definlanguage[pgffor]{TeX}%
2619 {%
2620 % Control sequences names
2621 moretexcs={%
2622 foreach,%
2623 },%
2624 % Keywords of class 1 : keywords that contain other characters (since
2625 % of the same class as the ones specified as 'otherkeywords')
2626 morekeywords={%
2627 },%
2628 % Keywords of class 2 : environments names
2629 morekeywords=[2]{%
2630 },%
2631 % Keywords of class 3 : mandatory arguments (not environments) &
2632 % optional arguments which are keys (in key=value)
2633 morekeywords=[3]{%
2634 },%
2635 % Keywords of class 4 : values of keys (in key=value)
2636 morekeywords=[4]{%
2637 },%
2638 % Keywords of class 5 : arguments specifications (after ":" in expl3
2639 % syntax)
2640 morekeywords=[5]{%
2641 },%
2642 % Keywords of class 6 : current package name (and possibly derived
2643 % packages)
2644 morekeywords=[6]{%
2645 ,%
2646 },%
2647 % otherkeywords={},
2648 % alsoletter={},
2649 % alsodigit={},%

```

```

2650 % alsoother={},%
2651 sensitive,%
2652 }[keywords, tex, comments]%
2653
2654 %%%
2655 % tabularray
2656 %%%
2657 \lst@definlanguage[tabularray]{TeX}%
2658 {%
2659 % Control sequences names
2660 moretexcs={%
2661 ,%
2662 },%
2663 % Keywords of class 1 : keywords that contain other characters (since
2664 % of the same class as the ones specified as 'otherkeywords')
2665 morekeywords={%
2666 },%
2667 % Keywords of class 2 : environments names
2668 morekeywords=[2]{%
2669 tblr,%
2670 },%
2671 % Keywords of class 3 : mandatory arguments (not environments) &
2672 % optional arguments which are keys (in key=value)
2673 morekeywords=[3]{%
2674 width, colspec, row, bg, fg, font, column, hlines, X,%
2675 },%
2676 % Keywords of class 4 : values of keys (in key=value)
2677 morekeywords=[4]{%
2678 odd,%
2679 },%
2680 % Keywords of class 5 : arguments specifications (after ":" in expl3
2681 % syntax)
2682 morekeywords=[5]{%
2683 },%
2684 % Keywords of class 6 : current package name (and possibly derived
2685 % packages)
2686 morekeywords=[6]{%
2687 tabularray,%
2688 },%
2689 % otherkeywords={},
2690 % alsoletter={},
2691 % alsodigit={},%
2692 % alsoother={},%
2693 sensitive,%
2694 }[keywords, tex, comments]%
2695
2696 %%%
2697 % ninecolors
2698 %%%
2699 \lst@definlanguage[ninecolors]{TeX}%
2700 {%
2701 % Control sequences names

```



```

2702 moretexcs={%
2703 NineColors,%
2704 },%
2705 % Keywords of class 1 : keywords that contain other characters (since
2706 % of the same class as the ones specified as 'otherkeywords')
2707 morekeywords={%
2708 },%
2709 % Keywords of class 2 : environments names
2710 morekeywords=[2]{%
2711 },%
2712 % Keywords of class 3 : mandatory arguments (not environments) &
2713 % optional arguments which are keys (in key=value)
2714 morekeywords=[3]{%
2715 gray1, red1, brown1, yellow1, olive1, green1, teal1, cyan1, azure1, %
2716 blue1, violet1, magenta1, purple1, gray2, red2, brown2, yellow2, olive2, %
2717 green2, teal2, cyan2, azure2, blue2, violet2, magenta2, purple2, gray3, %
2718 red3, brown3, yellow3, olive3, green3, teal3, cyan3, azure3, blue3, %
2719 violet3, magenta3, purple3, gray4, red4, brown4, yellow4, olive4, %
2720 green4, teal4, cyan4, azure4, blue4, violet4, magenta4, purple4, gray5, %
2721 red5, brown5, yellow5, olive5, green5, teal5, cyan5, azure5, blue5, %
2722 violet5, magenta5, purple5, gray6, red6, brown6, yellow6, olive6, %
2723 green6, teal6, cyan6, azure6, blue6, violet6, magenta6, purple6, gray7, %
2724 red7, brown7, yellow7, olive7, green7, teal7, cyan7, azure7, blue7, %
2725 violet7, magenta7, purple7, gray8, red8, brown8, yellow8, olive8, %
2726 green8, teal8, cyan8, azure8, blue8, violet8, magenta8, purple8, gray9, %
2727 red9, brown9, yellow9, olive9, green9, teal9, cyan9, azure9, blue9, %
2728 violet9, magenta9, purple9, gray1, red1, brown1, yellow1, olive1, %
2729 green1, teal1, cyan1, azure1, blue1, violet1, magenta1, purple1, gray2, %
2730 red2, brown2, yellow2, olive2, green2, teal2, cyan2, azure2, blue2, %
2731 violet2, magenta2, purple2, gray3, red3, brown3, yellow3, olive3, %
2732 green3, teal3, cyan3, azure3, blue3, violet3, magenta3, purple3, gray4, %
2733 red4, brown4, yellow4, olive4, green4, teal4, cyan4, azure4, blue4, %
2734 violet4, magenta4, purple4, gray5, red5, brown5, yellow5, olive5, %
2735 green5, teal5, cyan5, azure5, blue5, violet5, magenta5, purple5, gray6, %
2736 red6, brown6, yellow6, olive6, green6, teal6, cyan6, azure6, blue6, %
2737 violet6, magenta6, purple6, gray7, red7, brown7, yellow7, olive7, %
2738 green7, teal7, cyan7, azure7, blue7, violet7, magenta7, purple7, gray8, %
2739 red8, brown8, yellow8, olive8, green8, teal8, cyan8, azure8, blue8, %
2740 violet8, magenta8, purple8, gray9, red9, brown9, yellow9, olive9, %
2741 green9, teal9, cyan9, azure9, blue9, violet9, magenta9, purple9, %
2742 saturation,%
2743 },%
2744 % Keywords of class 4 : values of keys (in key=value)
2745 morekeywords=[4]{%
2746 low, medium, high,%
2747 },%
2748 % Keywords of class 5 : arguments specifications (after ":" in expl3
2749 % syntax)
2750 morekeywords=[5]{%
2751 },%
2752 % Keywords of class 6 : current package name (and possibly derived
2753 % packages)

```

```

2754 morekeywords=[6]{%
2755 ninecolors,%
2756 },%
2757 % otherkeywords={},%
2758 alsoletter={123456789},%
2759 % alsodigit={},%
2760 % alsoother={},%
2761 sensitive,%
2762 }[keywords,tex,comments]%
2763
2764 \lst@definlanguage[fontspec]{TeX}{%
2765 % Control sequences names
2766 moretexcs={%
2767 EncodingAccent,EncodingCommand,EncodingComposite,%
2768 EncodingCompositeCommand,EncodingSymbol,IfFontExistsTF,%
2769 IfFontFeatureActiveTF,UndeclareAccent,UndeclareCommand,%
2770 UndeclareComposite,UndeclareSymbol,addfontfeature,addfontfeatures,%
2771 aliasfontfeature,aliasfontfeatureoption,defaultfontfeatures,
2772 fontspec,%
2773 liningnums,newAATfeature,newfontface,newfontfamily,newfontfeature,%
2774 newfontlanguage,newfontscript,newopentypefeature,oldstylenums,%
2775 providefontface,providefontfamily,renewfontface,renewfontfamily,%
2776 setboldmathrm,setfontface,setfontfamily,setmainfont,setmathrm,%
2777 setmathsf,setmathtt,setmonofont,setromanfont,setsansfont,strong,%
2778 strongfontdeclare,strongresetsetmainfont,%
2779 },%
2780 % Keywords of class 1 : keywords that contain other characters (since
2781 % of the same class as the ones specified as 'otherkeywords')
2782 morekeywords={%
2783 },%
2784 % Keywords of class 2 : environments names
2785 morekeywords=[2]{%
2786 },%
2787 % Keywords of class 3 : mandatory arguments (not environments) &
2788 % optional arguments which are keys (in key=value)
2789 morekeywords=[3]{%
2790 Alternate,Annotation,AutoFakeBold,AutoFakeSlant,BoldFeatures,%
2791 BoldFont,BoldItalicFeatures,BoldItalicFont,BoldSlantedFeatures,%
2792 BoldSlantedFont,BoldSwashFeatures,BoldSwashFont,CJKShape,
2793 ItalicFeatures,%
2794 CharacterVariant,CharacterWidth,Color,Colour,Contextuals,%
2795 Diacritics,Extension,FakeBold,FakeSlant,FakeStretch,Font,FontFace,%
2796 Fractions,HyphenChar,IgnoreFontspecFileItalicFeatures,Instance,
2797 ItalicFont,%
2798 Kerning,Language,LetterSpace,Letters,Ligatures,LocalForms,%
2799 NFSSFamilY,Numbers,OpticalSize,Ornament,Path,PunctuationSpace,%
2800 RawFeature,RawAxis,Scale,ScaleAgain,Script,Size,SizeFeatures,Slant,
2801 %
2802 SlantedFeatures,SlantedFont,SmallCapsFeatures,SmallCapsFont,Style,%
2803 StylisticAlternates,StylisticSet,SwashFeatures,SwashFont,%
2804 UprightFeatures,UprightFont,Variant,Vertical,VerticalPosition,%
2805 WordSpace,Mapping,Renderer,Traditional,Simplified,JIS1978,JIS1983,%

```

```

2802 JIS1990, Expert, NLC, Weight, %
2803 wght, wdth, slnt, ital, opsz, %
2804 SERF, SELE, XTRA, XOPQ, YOPQ, YTAS, YTDE%
2805 }, %
2806 % Keywords of class 4 : values of keys (in key=value)
2807 morekeywords=[4]{%
2808 AboveBase, Alternate, AlternateHalf, AlternateMetrics, %
2809 AlternateProportional, Alternates, AlternatesForRotation, Arabic, %
2810 ArabicOff, Bold, BelowBase, Common, Contextual, Cursive, Denominator, %
2811 Discretionary, Expert, Full, Half, HalfMetrics, Historic, %
2812 HorizontalKana, Inferior, Inner, Italic, JIS1978, JIS1983, JIS1990, %
2813 KanaAlternates, Kerning, LineFinal, Lining, LiningOff, Lowercase, %
2814 LowercaseOff, MarkToBase, MarkToMark, Medium, Monospaced, MonospacedOff,
NLC, %
2815 Numerator, Off, OldStyle, OldStyleOff, On, OpenType, Ordinal, PetiteCaps, %
2816 Proportional, ProportionalMetrics, ProportionalOff, Quarter, Rare, %
2817 Required, Reset, ResetAll, RotatedGlyphs, Ruby, ScientificInferior, %
2818 Simplified, SlashedZero, SlashedZeroOff, SmallCaps, Superior, Swash, %
2819 TeX, Thurd, Titling, Traditional, Unicase, Uppercase, UppercaseOff, %
2820 UppercasePetiteCaps, UppercaseSmallCaps, VerticalKana, WordFinal, %
2821 WordInitial, ResetAll, c2sc, scmp, sinf, sups, zero, ss06, ss01, %
2822 ss04, -liga, frac, titl, swsh, hist, hlig, MatchUppercase, MatchLowercase, %
2823 }, %
2824 % Keywords of class 5 : arguments specifications (after ":" in expl3
2825 % syntax)
2826 morekeywords=[5]{%
2827 }, %
2828 % Keywords of class 6 : current package name (and possibly derived
2829 % packages)
2830 morekeywords=[6]{%
2831 % fontspec%
2832 }, %
2833 % otherkeywords={}, %
2834 alsoletter={20614-}, %
2835 % alsodigit={}, %
2836 % alsoother={}, %
2837 sensitive, %
2838 }[keywords, tex, comments]%
2839
2840 \lst@definlanguage[ProfCollege]{TeX}{%
2841 % Control sequences names
2842 moretexcs={%
2843 Thales, Pourcentage, ResolEquation%
2844 }, %
2845 % Keywords of class 1 : keywords that contain other characters (since
2846 % of the same class as the ones specified as 'otherkeywords')
2847 morekeywords={%
2848 }, %
2849 % Keywords of class 2 : environments names
2850 morekeywords=[2]{%
2851 Twitter, Scratch, %
2852 }, %

```

```

2853 % Keywords of class 3 : mandatory arguments (not environments) &
2854 % optional arguments which are keys (in key=value)
2855 morekeywords=[3]{%
2856 Auteur, Logo, Calculer, %
2857 }, %
2858 % Keywords of class 4 : values of keys (in key=value)
2859 morekeywords=[4]{%
2860 Place, Drapeau, Avancer, Repeter, Tournerg, FinBlocRepeter, %
2861 }, %
2862 % Keywords of class 5 : arguments specifications (after ":" in expl3
2863 % syntax)
2864 morekeywords=[5]{%
2865 }, %
2866 % Keywords of class 6 : current package name (and possibly derived
2867 % packages)
2868 morekeywords=[6]{%
2869 ProfCollege, %
2870 }, %
2871 % otherkeywords={},
2872 % alsoletter={},
2873 % alsodigit={}, %
2874 % alsoother={}, %
2875 sensitive, %
2876 }[keywords, tex, comments]%
2877
2878 \lst@definlanguage[tkz-euclide]{TeX}{%
2879 % Control sequences names
2880 moretexcs={%
2881 tkzDefPoint, tkzInterCC, tkzGetPoints, tkzDrawCircles, tkzDrawPolygon, %
2882 tkzDrawPoints, tkzMarkSegments, tkzLabelSegments, tkzLabelPoints, %
2883 tkzLabelPoints, tkzDrawSegments, tkzGetNodes, tkzFillCircles,
2884 tkzClipCircle,
2885 tkzDrawLines, %
2886 }, %
2887 % Keywords of class 1 : keywords that contain other characters (since
2888 % of the same class as the ones specified as 'otherkeywords')
2889 morekeywords={%
2890 }, %
2891 % Keywords of class 2 : environments names
2892 morekeywords=[2]{%
2893 tikzpicture, tkzelements%
2894 }, %
2895 % Keywords of class 3 : mandatory arguments (not environments) &
2896 % optional arguments which are keys (in key=value)
2897 morekeywords=[3]{%
2898 mark, swap, above, scale, left, right, opacity, add%
2899 }, %
2900 % Keywords of class 4 : values of keys (in key=value)
2901 morekeywords=[4]{%
2902 and}, %
2903 % Keywords of class 5 : arguments specifications (after ":" in expl3
2904 % syntax)

```

```

2904 morekeywords=[5]{%
2905 },%
2906 % Keywords of class 6 : current package name (and possibly derived
2907 % packages)
2908 morekeywords=[6]{%
2909 tkz-euclide },%
2910 % otherkeywords={},
2911 % alsoletter={},
2912 % alsodigit={},%
2913 % alsoother={},%
2914 sensitive,%
2915 }[keywords, tex, comments]%
2916
2917 \lst@definlanguage[tkz-fct]{TeX}{%
2918 % Control sequences names
2919 moretexcs={%
2920 tkzInit, tkzDrawX, tkzDrawY, tkzFct, tkzDefPoint, tkzDrawPoint,%
2921 tkzPointShowCoord, tkzDefPoint, tkzDrawPoint, tkzPointShowCoord,%
2922 tkzRep,%
2923 },%
2924 % Keywords of class 1 : keywords that contain other characters (since
2925 % of the same class as the ones specified as 'otherkeywords')
2926 morekeywords={%
2927 },%
2928 % Keywords of class 2 : environments names
2929 morekeywords=[2]{%
2930 tikzpicture,%
2931 },%
2932 % Keywords of class 3 : mandatory arguments (not environments) &
2933 % optional arguments which are keys (in key=value)
2934 morekeywords=[3]{%
2935 xmin, xmax, ymin, ymax, samples, domain, xlabel, ylabel, xscale, yscale%
2936 },%
2937 % Keywords of class 4 : values of keys (in key=value)
2938 morekeywords=[4]{%
2939 },%
2940 % Keywords of class 5 : arguments specifications (after ":" in expl3
2941 % syntax)
2942 morekeywords=[5]{%
2943 },%
2944 % Keywords of class 6 : current package name (and possibly derived
2945 % packages)
2946 morekeywords=[6]{%
2947 tkz-fct },%
2948 % otherkeywords={},
2949 % alsoletter={},
2950 % alsodigit={},%
2951 % alsoother={},%
2952 sensitive,%
2953 }[keywords, tex, comments]%
2954
2955 \lst@definlanguage[tkz-tab]{TeX}{%

```

```

2956 % Control sequences names
2957 moretexcs={%
2958 tkzTabInit,tkzTabLine,tkzTabVar,%
2959 },%
2960 % Keywords of class 1 : keywords that contain other characters (since
2961 % of the same class as the ones specified as 'otherkeywords')
2962 morekeywords={%
2963 },%
2964 % Keywords of class 2 : environments names
2965 morekeywords=[2]{%
2966 tikzpicture,%
2967 },%
2968 % Keywords of class 3 : mandatory arguments (not environments) &
2969 % optional arguments which are keys (in key=value)
2970 morekeywords=[3]{%
2971 lgt,espcl,t,d,z,+,-,-D+/,+/, -/,+D/,scale,%
2972 },%
2973 % Keywords of class 4 : values of keys (in key=value)
2974 morekeywords=[4]{%
2975 },%
2976 % Keywords of class 5 : arguments specifications (after ":" in expl3
2977 % syntax)
2978 morekeywords=[5]{%
2979 },%
2980 % Keywords of class 6 : current package name (and possibly derived
2981 % packages)
2982 morekeywords=[6]{%
2983 tkz-tab },%
2984 % otherkeywords={},%
2985 alsoletter={+ - /},%
2986 % alsodigit={},%
2987 % alsoother={},%
2988 sensitive,%
2989 }[keywords, tex, comments]%
2990
2991 \lst@definlanguage[mecaso]{TeX}{%
2992 % Control sequences names
2993 moretexcs={%
2994 KineticT,%
2995 },%
2996 % Keywords of class 1 : keywords that contain other characters (since
2997 % of the same class as the ones specified as 'otherkeywords')
2998 morekeywords={%
2999 },%
3000 % Keywords of class 2 : environments names
3001 morekeywords=[2]{%
3002 },%
3003 % Keywords of class 3 : mandatory arguments (not environments) &
3004 % optional arguments which are keys (in key=value)
3005 morekeywords=[3]{%
3006 },%
3007 % Keywords of class 4 : values of keys (in key=value)

```

```
3008 morekeywords=[4]{%
3009 },%
3010 % Keywords of class 5 : arguments specifications (after ":" in expl3
3011 % syntax)
3012 morekeywords=[5]{%
3013 },%
3014 % Keywords of class 6 : current package name (and possibly derived
3015 % packages)
3016 morekeywords=[6]{%
3017 mecaso },%
3018 % otherkeywords={},
3019 % alsoletter={},
3020 % alsodigit={},%
3021 % alsoother={},%
3022 sensitive,%
3023 }[keywords, tex, comments]%
3024
3025 \lst@definlanguage[hanzibox]{TeX}{%
3026 % Control sequences names
3027 moretexcs={%
3028 hanzibox*, hanziboxset,%
3029 },%
3030 % Keywords of class 1 : keywords that contain other characters (since
3031 % of the same class as the ones specified as 'otherkeywords')
3032 morekeywords={%
3033 },%
3034 % Keywords of class 2 : environments names
3035 morekeywords=[2]{%
3036 },%
3037 % Keywords of class 3 : mandatory arguments (not environments) &
3038 % optional arguments which are keys (in key=value)
3039 morekeywords=[3]{%
3040 frametype, pinyinline,%
3041 },%
3042 % Keywords of class 4 : values of keys (in key=value)
3043 morekeywords=[4]{%
3044 none, true,%
3045 },%
3046 % Keywords of class 5 : arguments specifications (after ":" in expl3
3047 % syntax)
3048 morekeywords=[5]{%
3049 },%
3050 % Keywords of class 6 : current package name (and possibly derived
3051 % packages)
3052 morekeywords=[6]{%
3053 hanzibox },%
3054 % otherkeywords={},%
3055 % alsoletter={},%
3056 % alsodigit={},%
3057 alsoother={*},%
3058 sensitive,%
3059 }[keywords, tex, comments]%
```

```

3060
3061 \lst@definlanguage[tikz-bagua]{TeX}{%
3062 % Control sequences names
3063 moretexcs={%
3064 Bagua*,%
3065 },%
3066 % Keywords of class 1 : keywords that contain other characters (since
3067 % of the same class as the ones specified as 'otherkeywords')
3068 morekeywords={%
3069 },%
3070 % Keywords of class 2 : environments names
3071 morekeywords=[2]{%
3072 },%
3073 % Keywords of class 3 : mandatory arguments (not environments) &
3074 % optional arguments which are keys (in key=value)
3075 morekeywords=[3]{%
3076 },%
3077 % Keywords of class 4 : values of keys (in key=value)
3078 morekeywords=[4]{%
3079 },%
3080 % Keywords of class 5 : arguments specifications (after ":" in expl3
3081 % syntax)
3082 morekeywords=[5]{%
3083 },%
3084 % Keywords of class 6 : current package name (and possibly derived
3085 % packages)
3086 morekeywords=[6]{%
3087 tikz-bagua },%
3088 % otherkeywords={},%
3089 % alsoletter={},%
3090 % alsodigit={},%
3091 alsoother={*},%
3092 sensitive,%
3093 }[keywords, tex, comments]%
3094
3095 \lst@definlanguage[bodeplot]{TeX}{%
3096 % Control sequences names
3097 moretexcs={%
3098 addBodeZPKPlots },%
3099 % Keywords of class 1 : keywords that contain other characters (since
3100 % of the same class as the ones specified as 'otherkeywords')
3101 morekeywords={%
3102 },%
3103 % Keywords of class 2 : environments names
3104 morekeywords=[2]{%
3105 BodePlot,%
3106 },%
3107 % Keywords of class 3 : mandatory arguments (not environments) &
3108 % optional arguments which are keys (in key=value)
3109 morekeywords=[3]{%
3110 ylabel, ytick, distance, height, width, magnitude, z, p, k,%
3111 },%

```



```

3112 % Keywords of class 4 : values of keys (in key=value)
3113 morekeywords=[4]{%
3114 true,black,thick,linear,red,dashed,thick,asymptotic,blue,%
3115 dotted,thick,%
3116 },%
3117 % Keywords of class 5 : arguments specifications (after ":" in expl3
3118 % syntax)
3119 morekeywords=[5]{%
3120 },%
3121 % Keywords of class 6 : current package name (and possibly derived
3122 % packages)
3123 morekeywords=[6]{%
3124 bodeplot },%
3125 % otherkeywords={},%
3126 alsoletter={/},%
3127 % alsodigit={},%
3128 % alsoother={},%
3129 sensitive,%
3130 }[keywords, tex, comments]%
3131
3132 \lst@definlanguage[formal-grammar]{TeX}{%
3133 % Control sequences names
3134 moretexcs={%
3135 highlight,firstcase,gralt,nonterm },%
3136 % Keywords of class 1 : keywords that contain other characters (since
3137 % of the same class as the ones specified as 'otherkeywords')
3138 morekeywords={%
3139 },%
3140 % Keywords of class 2 : environments names
3141 morekeywords=[2]{%
3142 grammar },%
3143 % Keywords of class 3 : mandatory arguments (not environments) &
3144 % optional arguments which are keys (in key=value)
3145 morekeywords=[3]{%
3146 },%
3147 % Keywords of class 4 : values of keys (in key=value)
3148 morekeywords=[4]{%
3149 },%
3150 % Keywords of class 5 : arguments specifications (after ":" in expl3
3151 % syntax)
3152 morekeywords=[5]{%
3153 },%
3154 % Keywords of class 6 : current package name (and possibly derived
3155 % packages)
3156 morekeywords=[6]{%
3157 formal-grammar },%
3158 % otherkeywords={},%
3159 % alsoletter={},%
3160 % alsodigit={},%
3161 % alsoother={},%
3162 sensitive,%
3163 }[keywords, tex, comments]%

```

```

3164
3165 \lst@definlanguage[numerica-plus]{TeX}{%
3166 % Control sequences names
3167 moretexcs={%
3168 nmcRecur,%
3169 },%
3170 % Keywords of class 1 : keywords that contain other characters (since
3171 % of the same class as the ones specified as 'otherkeywords')
3172 morekeywords={%
3173 },%
3174 % Keywords of class 2 : environments names
3175 morekeywords=[2]{%
3176 },%
3177 % Keywords of class 3 : mandatory arguments (not environments) &
3178 % optional arguments which are keys (in key=value)
3179 morekeywords=[3]{%
3180 do, see1, f_,%
3181 },%
3182 % Keywords of class 4 : values of keys (in key=value)
3183 morekeywords=[4]{%
3184 },%
3185 % Keywords of class 5 : arguments specifications (after ":" in expl3
3186 % syntax)
3187 morekeywords=[5]{%
3188 },%
3189 % Keywords of class 6 : current package name (and possibly derived
3190 % packages)
3191 morekeywords=[6]{%
3192 numerica-plus },%
3193 % otherkeywords={},%
3194 alsoletter={_1},%
3195 % alsodigit={},%
3196 % alsoother={},%
3197 sensitive,%
3198 }[keywords, tex, comments]%
3199
3200 \lst@definlanguage[pascaltriangle]{TeX}{%
3201 % Control sequences names
3202 moretexcs={%
3203 pascal,%
3204 },%
3205 % Keywords of class 1 : keywords that contain other characters (since
3206 % of the same class as the ones specified as 'otherkeywords')
3207 morekeywords={%
3208 },%
3209 % Keywords of class 2 : environments names
3210 morekeywords=[2]{%
3211 },%
3212 % Keywords of class 3 : mandatory arguments (not environments) &
3213 % optional arguments which are keys (in key=value)
3214 morekeywords=[3]{%
3215 },%

```

```

3216 % Keywords of class 4 : values of keys (in key=value)
3217 morekeywords=[4]{%
3218 },%
3219 % Keywords of class 5 : arguments specifications (after ":" in expl3
3220 % syntax)
3221 morekeywords=[5]{%
3222 },%
3223 % Keywords of class 6 : current package name (and possibly derived
3224 % packages)
3225 morekeywords=[6]{%
3226 pascaltriangle },%
3227 % otherkeywords={},%
3228 % alsoletter={},%
3229 % alsodigit={},%
3230 % alsoother={},%
3231 sensitive,%
3232 }[keywords, tex, comments]%
3233
3234 \lst@definlanguage[pgf-interference]{TeX}{%
3235 % Control sequences names
3236 moretexcs={%
3237 pgfinterferencepattern,%
3238 },%
3239 % Keywords of class 1 : keywords that contain other characters
3240 % (since of the same class as the ones specified as 'otherkeywords')
3241 morekeywords={%
3242 },%
3243 % Keywords of class 2 : environments names
3244 morekeywords=[2]{%
3245 },%
3246 % Keywords of class 3 : mandatory arguments (not environments) &
3247 % optional arguments which are keys (in key=value)
3248 morekeywords=[3]{%
3249 slits, wavelength, slit-distance, intensity, ruler, scale,%
3250 },%
3251 % Keywords of class 4 : values of keys (in key=value)
3252 morekeywords=[4]{%
3253 },%
3254 % Keywords of class 5 : arguments specifications (after ":" in expl3
3255 % syntax)
3256 morekeywords=[5]{%
3257 },%
3258 % Keywords of class 6 : current package name (and possibly derived
3259 % packages)
3260 morekeywords=[6]{%
3261 pgf-interference%
3262 },%
3263 % otherkeywords={},%
3264 alsoletter={-},%
3265 % alsodigit={},%
3266 % alsoother={},%
3267 sensitive,%

```

```

3268 }[keywords, tex, comments]%
3269
3270 \lst@definlanguage[clistmap]{TeX}{%
3271 % Control sequences names
3272 moretexcs={%
3273 ExplSyntaxOn, ExplSyntaxOff, clistmap, %
3274 }, %
3275 % Keywords of class 1 : keywords that contain other characters (since
3276 % of the same class as the ones specified as 'otherkeywords')
3277 morekeywords={%
3278 }, %
3279 % Keywords of class 2 : environments names
3280 morekeywords=[2]{%
3281 }, %
3282 % Keywords of class 3 : mandatory arguments (not environments) &
3283 % optional arguments which are keys (in key=value)
3284 morekeywords=[3]{%
3285 first_math, serial_rest_math_and, %
3286 }, %
3287 % Keywords of class 4 : values of keys (in key=value)
3288 morekeywords=[4]{%
3289 }, %
3290 % Keywords of class 5 : arguments specifications (after ":" in expl3
3291 % syntax)
3292 morekeywords=[5]{%
3293 nnn, N, %
3294 }, %
3295 % Keywords of class 6 : current package name (and possibly derived
3296 % packages)
3297 morekeywords=[6]{%
3298 clistmap }, %
3299 % otherkeywords={}, %
3300 alsoletter={_}, %
3301 % alsodigit={}, %
3302 % alsoother={}, %
3303 sensitive, %
3304 }[keywords, tex, comments]%
3305
3306 \lst@definlanguage[hexboard]{TeX}{%
3307 % Control sequences names
3308 moretexcs={%
3309 hexmove, %
3310 }, %
3311 % Keywords of class 1 : keywords that contain other characters (since
3312 % of the same class as the ones specified as 'otherkeywords')
3313 morekeywords={%
3314 }, %
3315 % Keywords of class 2 : environments names
3316 morekeywords=[2]{%
3317 hexgamelabels, %
3318 }, %
3319 % Keywords of class 3 : mandatory arguments (not environments) &

```

```

3320 % optional arguments which are keys (in key=value)
3321 morekeywords=[3]{%
3322 },%
3323 % Keywords of class 4 : values of keys (in key=value)
3324 morekeywords=[4]{%
3325 },%
3326 % Keywords of class 5 : arguments specifications (after ":" in expl3
3327 % syntax)
3328 morekeywords=[5]{%
3329 },%
3330 % Keywords of class 6 : current package name (and possibly derived
3331 % packages)
3332 morekeywords=[6]{%
3333 hexboard },%
3334 % otherkeywords={},
3335 % alsoletter={},
3336 % alsodigit={},%
3337 % alsoother={},%
3338 sensitive,%
3339 }[keywords,tex,comments]%
3340
3341 \lst@definlanguage[robotarm]{TeX}{%
3342 % Control sequences names
3343 moretexcs={%
3344 robotArm,%
3345 },%
3346 % Keywords of class 1 : keywords that contain other characters (since
3347 % of the same class as the ones specified as 'otherkeywords')
3348 morekeywords={%
3349 },%
3350 % Keywords of class 2 : environments names
3351 morekeywords=[2]{%
3352 tikzpicture },%
3353 % Keywords of class 3 : mandatory arguments (not environments) &
3354 % optional arguments which are keys (in key=value)
3355 morekeywords=[3]{%
3356 config,q1,q2,q3,%
3357 },%
3358 % Keywords of class 4 : values of keys (in key=value)
3359 morekeywords=[4]{%
3360 },%
3361 % Keywords of class 5 : arguments specifications (after ":" in expl3
3362 % syntax)
3363 morekeywords=[5]{%
3364 },%
3365 % Keywords of class 6 : current package name (and possibly derived
3366 % packages)
3367 morekeywords=[6]{%
3368 robotarm },%
3369 % otherkeywords={},%
3370 alsoletter={123},%
3371 % alsodigit={},%

```

```

3372 % alsoother={},%
3373 sensitive,%
3374 }[keywords, tex, comments]%
3375
3376 \lst@definlanguage[amsfonts]{TeX}{%
3377 % Control sequences names
3378 moretexcs={%
3379 mathbb, mathfrak, angle, Box, dasharrow, dashleftarrow, dashrightarrow,%
3380 Diamond, hbar, Join, leadsto, lhd, llcorner, lozenge, lrcorner, mho,%
3381 rhd, rightharpoonleft, rightsquigarrow, sqsubset, sqsupset, square,%
3382 trianglelefteq, trianglerighteq, ulcorner, unlhd, unrhd, urcorner,%
3383 vartriangleleft, vartriangleright, widehat{arg}, widetilde{arg}, yen,%
3384 checkmark, circledR, maltese,%
3385 },%
3386 % Keywords of class 1 : keywords that contain other characters (since
3387 % of the same class as the ones specified as 'otherkeywords')
3388 morekeywords={%
3389 },%
3390 % Keywords of class 2 : environments names
3391 morekeywords=[2]{%
3392 },%
3393 % Keywords of class 3 : mandatory arguments (not environments) &
3394 % optional arguments which are keys (in key=value)
3395 morekeywords=[3]{%
3396 },%
3397 % Keywords of class 4 : values of keys (in key=value)
3398 morekeywords=[4]{%
3399 },%
3400 % Keywords of class 5 : arguments specifications (after ":" in expl3
3401 % syntax)
3402 morekeywords=[5]{%
3403 },%
3404 % Keywords of class 6 : current package name (and possibly derived
3405 % packages)
3406 morekeywords=[6]{%
3407 amsfonts },%
3408 % otherkeywords={},
3409 % alsoletter={},
3410 % alsodigit={},%
3411 % alsoother={},%
3412 sensitive,%
3413 }[keywords, tex, comments]%
3414
3415 \lst@definlanguage[biolinum]{TeX}{%
3416 % Control sequences names
3417 moretexcs={%
3418 biolinum, biolinum0sF, biolinumLF, biolinumkey, sufigures, textsu,%
3419 textsuperior, oldstylenums, liningnums, oldstylenumsf, liningnumsf,%
3420 tabularnums, proportionalnums, tabularnumsf, proportionalnumsf,%
3421 DeclareTextGlyphY, biolinumGlyph, biolinumKeyGlyph, LKey, LKeyPad,%
3422 LKeyF, LKeyAltF, LKeyStrgAltF, LKeyCtrlAltF, LKeyStrgX, LKeyCtrlX,%
3423 LKeyShiftX, LKeyAltX, LKeyAltGrX, LKeyShiftStrgX, LKeyShiftCtrlX,%

```

```

3424 LKeyShiftAltX, LKeyShiftAltGrX, LKeyStrgAltX, LKeyCtrlAltX, %
3425 LKeyStrgAltEnt, LKeyCtrlAltEnt, LKeyReset, LKeyTux, LKeyWin, LKeyMenu, %
3426 LKeyStrg, LKeyCtrl, LKeyAlt, LKeyAltGr, LKeyShift, LKeyTab, LKeyEnter, %
3427 LKeyCapsLock, LKeyPos, LKeyEntf, LKeyEinf, LKeyLeer, LKeyEsc, LKeyEnde, %
3428 LKeyCommand, LKeyOptionKey, LKeyBack, LKeyUp, LKeyDown, LKeyLeft, %
3429 LKeyRight, LKeyPgUp, LKeyPgDown, LKeyAt, LKeyFn, LKeyHome, LKeyDel, %
3430 LKeySpace, LKeyScreenUp, LKeyScreenDown, LKeyIns, LKeyEnd, LKeyGNU, %
3431 LKeyPageUp, LKeyPageDown, LMouseEmpty, LMouseN, LMouseL, LMouseM, %
3432 LMouseR, LMouseLR, LMouseIIEmpty, LMouseIIN, LMouseIIL, LMouseIIR, %
3433 LMouseIILR, %
3434 }, %
3435 % Keywords of class 1 : keywords that contain other characters (since
3436 % of the same class as the ones specified as 'otherkeywords')
3437 morekeywords={%
3438 }, %
3439 % Keywords of class 2 : environments names
3440 morekeywords=[2]{%
3441 }, %
3442 % Keywords of class 3 : mandatory arguments (not environments) &
3443 % optional arguments which are keys (in key=value)
3444 morekeywords=[3]{%
3445 sfdefault, type1, nofontspec, lining, nf, lf, oldstyle, osf, sflining, %
3446 sflf, sfoldstyle, sfosf, osfss, tabular, t, p, sftabular, sft, %
3447 sfproportional, sfp, scaled, scale, defaultfeatures, space, uni0020, %
3448 exclam, uni0021, quotedbl, uni0022, numbersign, uni0023, dollar, %
3449 uni0024, percent, uni0025, ampersand, uni0026, quotesingle, uni0027, %
3450 parenleft, uni0028, parenright, uni0029, asterisk, uni002A, plus, %
3451 uni002B, comma, uni002C, hyphen, uni002D, period, uni002E, slash, %
3452 uni002F, zero, uni0030, one, uni0031, two, uni0032, three, uni0033, %
3453 four, uni0034, five, uni0035, six, uni0036, seven, uni0037, eight, %
3454 uni0038, nine, uni0039, colon, uni003A, semicolon, uni003B, less, %
3455 uni003C, equal, uni003D, greater, uni003E, question, uni003F, at, %
3456 bracketleft, uni005B, backslash, uni005C, bracketright, uni005D, %
3457 asciicircum, uni005E, underscore, uni005F, grave, uni0060, uni007A, %
3458 braceleft, uni007B, bar, uni007C, braceright, uni007D, asciitilde, %
3459 uni007E, exclamdown, uni00A1, cent, uni00A2, sterling, uni00A3, %
3460 currency, uni00A4, yen, uni00A5, brokenbar, uni00A6, section, uni00A7, %
3461 dieresis, uni00A8, guillemotleft, uni00AB, uni00AD, degree, uni00B0, %
3462 plusminus, uni00B1, acute, uni00B4, uni00B5, periodcentered, uni00B7, %
3463 cedilla, uni00B8, guillemotright, uni00BB, Agrave, uni00C0, Aacute, %
3464 uni00C1, Acircumflex, uni00C2, Atilde, uni00C3, Adieresis, uni00C4, %
3465 Aring, uni00C5, Ccedilla, uni00C7, Egrave, uni00C8, Eacute, uni00C9, %
3466 Ecircumflex, uni00CA, Edieresis, uni00CB, Igrave, uni00CC, Iacute, %
3467 uni00CD, Icircumflex, uni00CE, Idieresis, uni00CF, Eth, uni00D0, Ntilde, %
3468 uni00D1, Ograve, uni00D2, Oacute, uni00D3, Ocircumflex, uni00D4, Otilde, %
3469 uni00D5, Odieresis, uni00D6, multiply, uni00D7, Oslash, uni00D8, Ugrave, %
3470 uni00D9, Uacute, uni00DA, Ucircumflex, uni00DB, Udieresis, uni00DC, %
3471 Yacute, uni00DD, Thorn, uni00DE, germandbls, uni00DF, agrave, uni00E0, %
3472 aacute, uni00E1, acircumflex, uni00E2, atilde, uni00E3, adieresis, %
3473 uni00E4, aring, uni00E5, ae, uni00E6, ccedilla, uni00E7, egrave, %
3474 uni00E8, eacute, uni00E9, ecircumflex, uni00EA, edieresis, uni00EB, %
3475 igrave, uni00EC, iacute, uni00ED, icircumflex, uni00EE, idieresis, %

```

3476 uni00EF,eth,uni00F0,ntilde,uni00F1,ograde,uni00F2,oacute,%  
 3477 uni00F3,ocircumflex,uni00F4,otilde,uni00F5,odieresis,uni00F6,%  
 3478 divide,uni00F7,oslash,uni00F8,ugrave,uni00F9,uacute,uni00FA,%  
 3479 ucircumflex,uni00FB,udieresis,uni00FC,yacute,uni00FD,thorn,%  
 3480 uni00FE,ydieresis,uni00FF,Amacron,uni0100,amacron,uni0101,Abreve,%  
 3481 uni0102,abreve,uni0103,Aogonek,uni0104,aogonek,uni0105,Cacute,%  
 3482 uni0106,cacute,uni0107,Ccircumflex,uni0108,ccircumflex,uni0109,%  
 3483 Cdotaccent,uni010A,cdotaccent,uni010B,Ccaron,uni010C,ccaron,%  
 3484 uni010D,Dcaron,uni010E,dcaron,uni010F,Dcroat,uni0110,dcroat,%  
 3485 uni0111,Emacron,uni0112,emacron,uni0113,Ebreve,uni0114,ebreve,%  
 3486 uni0115,Edotaccent,uni0116,edotaccent,uni0117,Eogonek,uni0118,%  
 3487 eogonek,uni0119,Ecaron,uni011A,ecaron,uni011B,Gcircumflex,%  
 3488 uni011C,gcircumflex,uni011D,Gbreve,uni011E,gbreve,uni011F,%  
 3489 Gdotaccent,uni0120,gdotaccent,uni0121,Gcommaaccent,uni0122,%  
 3490 gcommaaccent,uni0123,Hcircumflex,uni0124,hcircumflex,uni0125,Hbar,  
 %  
 3491 uni0126,hbar,uni0127,Itilde,uni0128,itylde,uni0129,Imacron,%  
 3492 uni012A,imacron,uni012B,Ibreve,uni012C,ibreve,uni012D,Iogonek,%  
 3493 uni012E,iogonek,uni012F,Idotaccent,uni0130,dotlessi,uni0131,IJ,%  
 3494 uni0132,ij,uni0133,Jcircumflex,uni0134,jcircumflex,uni0135,%  
 3495 Kcommaaccent,uni0136,kcommaaccent,uni0137,kgreenlandic,uni0138,%  
 3496 Lacute,uni0139,lacute,uni013A,Lcommaaccent,uni013B,lcommaaccent,%  
 3497 uni013C,Lcaron,uni013D,lcaron,uni013E,Ldot,uni013F,ldot,uni0140,%  
 3498 Lslash,uni0141,lslash,uni0142,Nacute,uni0143,nacute,uni0144,%  
 3499 Ncommaaccent,uni0145,ncommaaccent,uni0146,Ncaron,uni0147,ncaron,%  
 3500 uni0148,napostrophe,uni0149,Omacron,uni014C,omacron,uni014D,%  
 3501 Obreve,uni014E,obreve,uni014F,Ohungarumlaut,uni0150,ohungarumlaut,  
 %  
 3502 uni0151,Racute,uni0154,racute,uni0155,Rcommaaccent,uni0156,%  
 3503 rcommaaccent,uni0157,Rcaron,uni0158,rcaron,uni0159,Sacute,%  
 3504 uni015A,sacute,uni015B,Scircumflex,uni015C,scircumflex,uni015D,%  
 3505 Scedilla,uni015E,scedilla,uni015F,Scaron,uni0160,scaron,uni0161,%  
 3506 Tcedilla,uni0162,tcedilla,uni0163,Tcaron,uni0164,tcaron,uni0165,%  
 3507 Tbar,uni0166,tbar,uni0167,Utilde,uni0168,utilde,uni0169,Umacron,%  
 3508 uni016A,umacron,uni016B,Ubreve,uni016C,ubreve,uni016D,Uring,%  
 3509 uni016E,uring,uni016F,Uhungarumlaut,uni0170,uhungarumlaut,uni0171,  
 %  
 3510 Uogonek,uni0172,uogonek,uni0173,Wcircumflex,uni0174,wcircumflex,%  
 3511 uni0175,Ycircumflex,uni0176,ycircumflex,uni0177,Ydieresis,uni0178,  
 %  
 3512 Zacute,uni0179,zacute,uni017A,Zdotaccent,uni017B,zdotaccent,%  
 3513 uni017C,Zcaron,uni017D,zcaron,uni017E,h.superior,uni02B0,%  
 3514 hhook.superior,uni02B1,j.superior,uni02B2,r.superior,uni02B3,%  
 3515 rturned.superior,uni02B4,rhookturned.superior,uni02B5,%  
 3516 Rsmallinverted.superior,uni02B6,w.superior,uni02B7,y.superior,%  
 3517 uni02B8,uni02B9,uni02BA,uni02BB,afii57929,uni02BC,afii64937,%  
 3518 uni02BD,uni02BE,uni02BF,uni02C0,uni02C1,uni02C2,uni02C3,uni02C4,%  
 3519 uni02C5,circumflex,uni02C6,caron,uni02C7,uni02C8,uni02C9,uni02CA,%  
 3520 uni02CB,uni02CC,uni02CD,uni02CE,uni02CF,uni02D0,uni02D1,uni02D2,%  
 3521 uni02D3,uni02D4,uni02D5,uni02D6,uni02D7,breve,uni02D8,dotaccent,%  
 3522 uni02D9,ring,uni02DA,ogonek,uni02DB,tilde,uni02DC,hungarumlaut,%  
 3523 uni02DD,uni02DE,uni02DF,gammalatin.superior,uni02E0,l.superior,%



3524 uni02E1, s. superior, uni02E2, x. superior, uni02E3, %  
3525 glottalstopreversed. superior, uni02E4, uni02EC, uni02ED, uni02EE, %  
3526 gravecomb, uni0300, acutecomb, uni0301, uni0302, tildecomb, uni0303, %  
3527 uni0304, uni0305, uni0306, uni0307, uni0308, hookabovcomb, uni0309, %  
3528 uni030A, uni030B, uni030C, uni030D, uni030E, uni030F, uni0310, uni0311, %  
3529 uni0312, uni0313, uni0314, uni0315, uni0316, uni0317, uni0318, uni0319, %  
3530 uni031A, uni031B, uni031C, uni031D, uni031E, uni031F, uni0320, uni0321, %  
3531 uni0322, dotbelowcomb, uni0323, uni0324, uni0325, uni0326, uni0327, %  
3532 uni0328, uni0329, uni032A, uni032B, uni032C, uni032D, uni032E, uni032F, %  
3533 uni0330, uni0331, uni0338, uni0342, uni0343, uni0351, uni0357, uni0358, %  
3534 uni0359, uni035A, uni035B, uni035C, uni035D, uni035E, uni035F, uni0360, %  
3535 uni0361, uni0362, uni0363, uni0374, uni0375, afii57799, uni05B0, %  
3536 afii57801, uni05B1, afii57800, uni05B2, afii57802, uni05B3, afii57793, %  
3537 uni05B4, afii57794, uni05B5, afii57795, uni05B6, afii57798, uni05B7, %  
3538 afii57797, uni05B8, afii57806, uni05B9, uni05BA, afii57796, uni05BB, %  
3539 afii57807, uni05BC, afii57839, uni05BD, afii57645, uni05BE, afii57841, %  
3540 uni05BF, afii57842, uni05C0, afii57804, uni05C1, afii57803, uni05C2, %  
3541 afii57658, uni05C3, uni05C6, afii57664, uni05D0, afii57665, uni05D1, %  
3542 afii57666, uni05D2, afii57667, uni05D3, afii57668, uni05D4, afii57669, %  
3543 uni05D5, afii57670, uni05D6, afii57671, uni05D7, afii57672, uni05D8, %  
3544 afii57673, uni05D9, afii57674, uni05DA, afii57675, uni05DB, afii57676, %  
3545 uni05DC, afii57677, uni05DD, afii57678, uni05DE, afii57679, uni05DF, %  
3546 afii57680, uni05E0, afii57681, uni05E1, afii57682, uni05E2, afii57683, %  
3547 uni05E3, afii57684, uni05E4, afii57685, uni05E5, afii57686, uni05E6, %  
3548 afii57687, uni05E7, afii57688, uni05E8, afii57689, uni05E9, afii57690, %  
3549 uni05EA, afii57716, uni05F0, afii57717, uni05F1, afii57718, uni05F2, %  
3550 arrowleft, uni2190, arrowup, uni2191, arrowright, uni2192, arrowdown, %  
3551 uni2193, arrowboth, uni2194, arrowupdn, uni2195, uni2196, uni2197, %  
3552 uni2198, uni2199, uni219A, uni219B, uni21A5, uni21A7, uni21BC, uni21BD, %  
3553 uni21C0, uni21C1, arrowdblleft, uni21D0, arrowdblup, uni21D1, %  
3554 arrowdblright, uni21D2, arrowdbldown, uni21D3, arrowdblboth, uni21D4, %  
3555 uni21D5, Nwarrow, uni21D6, Nearrow, uni21D7, Searrow, uni21D8, Swarrow, %  
3556 uni21D9, uni2318, uni2325, uni2326, uni2327, uni232B, uni237D, uni2380, %  
3557 uni2423, filledbox, uni25A0, H22073, uni25A1, triagup, uni25B2, uni25B3, %  
3558 uni25B6, uni25B7, triagdn, uni25BC, uni25BD, uni25C0, uni25C1, uni25C6, %  
3559 uni25C7, uni25C9, lozenge, uni25CA, circle, uni25CB, uni25CE, H18533, %  
3560 uni25CF, uni25D0, uni25D1, uni25D2, uni25D3, uni25D4, uni25D5, uni25D6, %  
3561 uni25D7, openbullet, uni25E6, uni2605, uni2619, uni261B, uni261E, %  
3562 uni2627, uni262F, uni2639, uni263A, uni263B, uni263C, uni263D, uni263E, %  
3563 uni263F, female, uni2640, uni2641, male, uni2642, uni2643, uni2644, %  
3564 uni2645, uni2646, uni2647, uni2648, uni2649, uni264A, uni264B, uni264C, %  
3565 uni264D, uni264E, uni264F, uni2650, uni2651, uni2652, uni2653, uni2660, %  
3566 uni2663, uni2665, uni2666, uni2669, musicalnote, uni266A, %  
3567 musicalnotedbl, uni266B, uni266C, uni2695, uni2698, uni26A2, uni26A3, %  
3568 uni26A4, uni26A5, uni26AD, uni2767, uni2776, uni2777, uni2778, uni2779, %  
3569 uni277A, uni277B, uni277C, uni277D, uni277E, uni277F, T\_u\_x, uniE000, %  
3570 uniE104, uniE128, uniE129, uniE12A, uniE130, uniE131, uniE132, uniE133, %  
3571 uniE134, uniE135, uniE138, uniE139, uniE13A, uniE13C, uniE13D, uniE168, %  
3572 B\_a\_c\_k, uniE16E, S\_t\_r\_g, uniE170, A\_l\_t, uniE171, A\_l\_t\_G\_r, uniE172, %  
3573 C\_t\_r\_l, uniE173, S\_h\_i\_f\_t, uniE174, T\_a\_b, uniE175, E\_n\_t\_e\_r, %  
3574 uniE176, C\_a\_p\_s\_l\_o\_c\_k, uniE177, F\_1, uniE178, F\_2, uniE179, F\_3, %  
3575 uniE17A, F\_4, uniE17B, F\_5, uniE17C, F\_6, uniE17D, F\_7, uniE17E, F\_8, %

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3576 uniE17F,F_9,uniE180,F_1_0,uniE181,F_1_1,uniE182,F_1_2,uniE183,%
3577 F_1_3,uniE184,F_1_4,uniE185,F_1_5,uniE186,F_1_6,uniE187,uniE188,%
3578 H_o_m_e,uniE189,D_e_l,uniE18A,I_n_s,uniE18B,uniE18C,E_n_d,%
3579 uniE18E,G_N_U,uniE190,P_o_s_1,uniE191,E_n_t_f,uniE192,E_i_n_f,%
3580 uniE193,L_e_e_r,uniE194,E_s_c,uniE195,E_n_d_e,uniE196,uniE198,%
3581 uniE199,uniE19A,uniE19B,uniE1A0,uniE1A1,uniE1A2,uniE1A3,uniE1A4,%
3582 uniE1A5,uniE1A6,uniE1A7,uniE1A8,uniE1A9,uniE1AA,uniE1AB,uniE1AC,%
3583 uniE1AD,uniE1AE,uniE1B0,uniE1B1,grave.cap,uniE358,acute.cap,%
3584 uniE359,circumflex.cap,uniE35A,caron.cap,uniE35B,breve.cap,%
3585 uniE35C,hungarumlaut.cap,uniE35D,space_uni030F.cap,uniE35E,%
3586 breveinvertedcmb.cap,uniE35F,breve.cyr,uniE360,breve.cyr,%
3587 uniE361,dieresis.cap,uniE362,hookabovecomb.cap,uniE363,uniFFFD,%
3588 },%
3589 % Keywords of class 4 : values of keys (in key=value)
3590 morekeywords=[4]{%
3591 },%
3592 % Keywords of class 5 : arguments specifications (after ":" in expl3
3593 % syntax)
3594 morekeywords=[5]{%
3595 },%
3596 % Keywords of class 6 : current package name (and possibly derived
3597 % packages)
3598 morekeywords=[6]{%
3599 biolinum },%
3600 % otherkeywords={},
3601 % alsoletter={},
3602 % alsodigit={},%
3603 % alsoother={},%
3604 sensitive,%
3605 }[keywords, tex, comments]%
3606
3607 \lst@definlanguage[biblatex]{TeX}{%
3608 % Control sequences names
3609 moretexcs={%
3610 cite,Cite,parencite,Parencite,footcite,footcitetext,smartcite,%
3611 Smartcite,textcite,Textcite,supercite,cites,Cites,parencites,%
3612 Parencites,footcitesfootcitetexts,textcites,Textcites,supercites,%
3613 autocite,Autocite,autocite*,Autocite*,autocites,Autocites,%
3614 citeauthor,Citeauthor,citetitle,citetitle*,citeyear,citeurl,%
3615 parentext,brackettext,nocite,fullcite,footfullcite,volcite,%
3616 Volcite,pvolcite,Pvolcite,fvolcite,ftvolcite,tvolcite,Tvolcite,%
3617 avolcite,Avolcite,notecite,Notecite,pnotecite,Pnotecite,fnotecite,%
3618 %
3619 citename,citelist,citefield,printbibliography,bibliography,%
3620 citedate,ExecuteBibliographyOptions,defbibnote,psq,psqq,%
3621 addbibresource,AtNextCite,DeclareNameAlias,%
3622 },%
3623 % Keywords of class 1 : keywords that contain other characters (since
3624 % of the same class as the ones specified as 'otherkeywords')
3625 morekeywords={%
3626 },%
3627 % Keywords of class 2 : environments names

```

```

3627 morekeywords=[2]{%
3628 },%
3629 % Keywords of class 3 : mandatory arguments (not environments) &
3630 % optional arguments which are keys (in key=value)
3631 morekeywords=[3]{%
3632 abstract, addendum, afterword, annotation, annotator, author, %
3633 authortype, bookauthor, bookpagination, booksubtitle, booktitle, %
3634 booktitleaddon, chapter, commentator, date, doi, edition, editor, %
3635 editora, editorb, editorc, editortype, editoratype, editorbtype, %
3636 editorctype, eid, eprint, eprintclass, eprinttype, eventdate, %
3637 eventtitle, file, foreword, holder, howpublished, indextitle, %
3638 institution, introduction, isan, isbn, ismn, isrn, issn, issue, %
3639 issuesubtitle, issuetitle, iswc, journalsubtitle, journaltitle, label, %
3640 language, library, location, mainsubtitle, maintitle, maintitleaddon, %
3641 month, nameaddon, note, number, organization, origdate, origlanguage, %
3642 origlocation, origpublisher, origtitle, pages, pagetotal, pagination, %
3643 part, publisher, pubstate, reprinttitle, series, shortauthor, %
3644 shorteditor, shorthand, shorthandintro, shortjournal, shortseries, %
3645 shorttitle, subtitle, title, titleaddon, translator, type, url, urldate, %
3646 venue, version, volume, volumes, year, crossref, entryset, entrysubtype, %
3647 execute, gender, hyphenation, indexsorttitle, keywords, options, %
3648 presort, sortkey, sortname, sorttitle, sortyear, xref, annotate, %
3649 archiveprefix, journal, key, pdf, primaryclass, school, address, %
3650 datamodel, %
3651 %
3652 backend, style, citestyle, bibstyle, sorting, maxnames, minnames, %
3653 maxitems, minitems, backref, abbreviate, firstinits, prenote, postnote, %
3654 useprefix, autopunct, giveninits, labelname, given-family, %
3655 },%
3656 % Keywords of class 4 : values of keys (in key=value)
3657 morekeywords=[4]{%
3658 submitted, inpress, danish dutch, american, USenglish, english, british,
3659 %
3660 UKenglish, canadian, australian, newzealand, finnish, french, francais, %
3661 canadien, german, ngerman, austrian, naustrian, greek, italian, norsk, %
3662 nynorsk, brazil, portuges, spanish, swedish, %
3663 %
3664 biber, numeric, numeric-comp, numeric-verb, alphabetic, alphabetic-verb
3665 ,%
3666 authoryear, authoryear-comp, authoryear-ibid, authoryear-icomp, %
3667 authortitle, authortitle-comp, authortitle-ibid, authortitle-icomp, %
3668 authortitle-terse, authortitle-tcomp, authortitle-ticomp, verbose, %
3669 verbose-ibid, verbose-note, verbose-inote, verbose-trad1, verbose-trad
3670 2, %
3671 verbose-trad3, reading, draft, debug, and, inline, footnote, %
3672 superscript, plain, nyt, ynt, none, false, true, %
3673 },%
3674 % Keywords of class 5 : arguments specifications (after ":" in expl3
3675 % syntax)
3676 morekeywords=[5]{%
3677 },%
3678 % Keywords of class 6 : current package name (and possibly derived

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3676 % packages)
3677 morekeywords=[6]{%
3678 biblatex },%
3679 % directives
3680 directives={%
3681 article,book,inbook,bookinbook,suppbook,booklet,collection,%
3682 conference,incollection,suppcollection>manual,misc,online,patent,%
3683 periodical,supperiodical,proceedings,inproceedings,reference,%
3684 inference,report,thesis,unpublished,masterthesis,phdthesis,%
3685 string,comment,%
3686 },%
3687 % otherkeywords={},%
3688 alsoletter={-},%
3689 % alsodigit={},%
3690 delim=[directive]@,sensitive=false,%
3691 }[keywords,directives,ex,comments]%
3692
3693 \lst@definlanguage[lthooks]{TeX}{%
3694 % Control sequences names
3695 moretexcs={%
3696 AddToHook,BeforeBeginEnvironment,AtBeginEnvironment,
3697 AtEndEnvironment,%
3698 AfterEndEnvironment,%
3699 },%
3700 % Keywords of class 1 : keywords that contain other characters (since
3701 % of the same class as the ones specified as 'otherkeywords')
3702 morekeywords={%
3703 },%
3704 % Keywords of class 2 : environments names
3705 morekeywords=[2]{%
3706 },%
3707 % Keywords of class 3 : mandatory arguments (not environments) &
3708 % optional arguments which are keys (in key=value)
3709 morekeywords=[3]{%
3710 % begin,end,
3711 before,after,begindocument,begindocument/before,%
3712 begindocument/end,endedocument,endedocument/afterlastpage,%
3713 endedocument/afteraux,endedocument/info,endedocument/end,env,%
3714 },%
3715 % Keywords of class 4 : values of keys (in key=value)
3716 morekeywords=[4]{%
3717 },%
3718 % Keywords of class 5 : arguments specifications (after ":" in expl3
3719 % syntax)
3720 morekeywords=[5]{%
3721 },%
3722 % Keywords of class 6 : current package name (and possibly derived
3723 % packages)
3724 morekeywords=[6]{%
3725 lthooks },%
3726 % otherkeywords={},%
3727 alsoletter={/},%

```

```

3727 % alsodigit={},%
3728 % alsoother={},%
3729 sensitive,%
3730 }[keywords,tex,comments]%
3731
3732 \lst@definlanguage[l3keys2e]{TeX}{%
3733 % Control sequences names
3734 moretexcs={%
3735 ProcessKeysOptions,ProcessKeysPackageOptions,%
3736 },%
3737 % Keywords of class 1 : keywords that contain other characters (since
3738 % of the same class as the ones specified as 'otherkeywords')
3739 morekeywords={%
3740 },%
3741 % Keywords of class 2 : environments names
3742 morekeywords=[2]{%
3743 },%
3744 % Keywords of class 3 : mandatory arguments (not environments) &
3745 % optional arguments which are keys (in key=value)
3746 morekeywords=[3]{%
3747 },%
3748 % Keywords of class 4 : values of keys (in key=value)
3749 morekeywords=[4]{%
3750 },%
3751 % Keywords of class 5 : arguments specifications (after ":" in expl3
3752 % syntax)
3753 morekeywords=[5]{%
3754 },%
3755 % Keywords of class 6 : current package name (and possibly derived
3756 % packages)
3757 morekeywords=[6]{%
3758 l3keys2e },%
3759 % otherkeywords={},%
3760 alsoletter={23},%
3761 % alsodigit={},%
3762 % alsoother={},%
3763 sensitive,%
3764 }[keywords,tex,comments]%
3765
3766 \lst@definlanguage[varioref]{TeX}{%
3767 % Control sequences names
3768 moretexcs={%
3769 vref,vpageref,%
3770 },%
3771 % Keywords of class 1 : keywords that contain other characters (since
3772 % of the same class as the ones specified as 'otherkeywords')
3773 morekeywords={%
3774 },%
3775 % Keywords of class 2 : environments names
3776 morekeywords=[2]{%
3777 },%
3778 % Keywords of class 3 : mandatory arguments (not environments) &

```

```

3779 % optional arguments which are keys (in key=value)
3780 morekeywords=[3]{%
3781 },%
3782 % Keywords of class 4 : values of keys (in key=value)
3783 morekeywords=[4]{%
3784 },%
3785 % Keywords of class 5 : arguments specifications (after ":" in expl3
3786 % syntax)
3787 morekeywords=[5]{%
3788 },%
3789 % Keywords of class 6 : current package name (and possibly derived
3790 % packages)
3791 morekeywords=[6]{%
3792 varioref },%
3793 % otherkeywords={},
3794 % alsoletter={},
3795 % alsodigit={},%
3796 % alsoother={},%
3797 sensitive,%
3798 }[keywords,tex,comments]%
3799
3800 \lst@definlanguage[hologo]{TeX}{%
3801 % Control sequences names
3802 moretexcs={%
3803 hologo },%
3804 % Keywords of class 1 : keywords that contain other characters (since
3805 % of the same class as the ones specified as 'otherkeywords')
3806 morekeywords={%
3807 },%
3808 % Keywords of class 2 : environments names
3809 morekeywords=[2]{%
3810 },%
3811 % Keywords of class 3 : mandatory arguments (not environments) &
3812 % optional arguments which are keys (in key=value)
3813 morekeywords=[3]{%
3814 },%
3815 % Keywords of class 4 : values of keys (in key=va ,lue)
3816 morekeywords=[4]{%
3817 },%
3818 % Keywords of class 5 : arguments specifications (after ":" in expl3
3819 % syntax)
3820 morekeywords=[5]{%
3821 },%
3822 % Keywords of class 6 : current package name (and possibly derived
3823 % packages)
3824 morekeywords=[6]{%
3825 hologo%
3826 },%
3827 % otherkeywords={},
3828 % alsoletter={},
3829 % alsodigit={},%
3830 % alsoother={},%

```

```

3831 sensitive,%
3832 }[keywords, tex, comments]%
3833
3834 \lst@definelanguage[acro]{TeX}{%
3835 % Control sequences names
3836 moretexcs={%
3837 Ac, Aca, Acap, Acf, Acfp, Acl, Aclp, Acp, AcroAcronymsMap, AcroAddRow, %
3838 AcroMapBreak, AcroNeedPackage, AcroPropertiesMap, AcroPropertiesSet, %
3839 AcroRerun, AcroStyle, AcroTemplateName, AcroTemplateType, AcronymID, %
3840 AcronymTable, Acs, Acsp, BeginAccSupp, Dacs, DeclareAcroArticle, %
3841 DeclareAcroEnding, DeclareAcroPreset, DeclareAcroProperty, %
3842 DeclareAcroPropertyAlias, DeclareAcroTranslation, DeclareAcronym, Iac
3843 }, %
3844 Iaca, Iacf, Iacl, Iacs, MakeAcroPropertyAlias, NewAcroCommand, %
3845 NewAcroPreset, NewAcroTemplate, RenewAcroCommand, RenewAcroPreset, %
3846 RenewAcroTemplate, SetupAcroTemplate, SetupNextAcroTemplate, %
3847 UseAcroTemplate, abbrdot, ac, aca, acap, acbarrier, acdot, acf, acfg, %
3848 acflike, acfootnote, acfp, acg, aciftrailing, acl, aclg, aclp, acp, %
3849 acreset, acresetall, acrocite, acrodefinite, acrodonotuse, acrodotfill,
3850 %
3851 acroendfootnote, acroformat, acrofull, acrogroupecite, acroheading, %
3852 acroifT, acroifTF, acroifallTF, acroifanyT, acroifanyTF, %
3853 acroifbooleanTF, acroifchapterF add, acroifchapterTF, acroiffirstT, %
3854 acroiffirstTF addchap, acroifpagesTF, acroifsingleTF, acroifstarredTF
3855 }, %
3856 acroiftagTF, acroifusedTF, acroindefinite, acrolistname, acroneedpages
3857 }, %
3858 acronopagerange, acronymsmap, acronymsmapF, acronymsmapTF,
3859 acropagefill, %
3860 acropages, acroplural, acropossessive, acropreamble, acroshow, %
3861 acrotranslate, acroupper, acrowrite, acs, acsetup, acsp, acspace, %
3862 acswitchoff, acswitchon, acuse, dacs, declareAcronym, iac, iaca, iacf, %
3863 iacl, iacs, iacsg, printacronyms, %
3864 %
3865 acro_locale, acro_if_foreign, acro_if_locale, __acro_foreign_language
3866 }, %
3867 acro_property_get, acro_property_if_set, acro_property_get, %
3868 }, %
3869 % Keywords of class 1 : keywords that contain other characters (since
3870 % of the same class as the ones specified as 'otherkeywords')
3871 morekeywords={%
3872 }, %
3873 % Keywords of class 2 : environments names
3874 morekeywords=[2]{%
3875 }, %
3876 % Keywords of class 3 : mandatory arguments (not environments) &
3877 % optional arguments which are keys (in key=value)
3878 morekeywords=[3]{%
3879 activate, addsec, addsec*, all, alt, alt, alt-acc, alt-format, %
3880 alt-indefinite, alt-plural, alt-plural-form, barriers, before-citation
3881 }, %
3882 caption, %

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3876 case-insensitive,%case-sensitive,%chapter,chapter*,cite,clear,cmd,%
3877 deactivate,define,description,disable,display,exclude,extra,%
3878 extra-acc,extra-foreign,extra-format,extra-long,fill,first,%
3879 first-long,first-long-format,first-style,first-style ,floats,%
3880 footnote,foreign,foreign,foreign-acc,foreign-babel,foreign-format
3881 ,%
3882 foreign-locale,foreign-plural,foreign-plural-form,format,format,%
3883 group,heading,id,include,index,index,index-cmd,index-sort,%
3884 language,link-only-first,list,list,list-acc,list-format,%
3885 list/display,lists,load-style,local,locale,lof,long,long,%
3886 long-acc,long-format,long-indefinite,long-plural,
3887 long-plural-ending,%
3888 long-plural-form,long-post,long-short,longtable,longtabu,lppl,%
3889 ltxtable,make-links,maketitle,method,name,no-index,none,options,%
3890 pages,pdf,pdf,pdfcomment,pdfcomment/cmd,pdfcomment/use,pdfstring,%
3891 post,pre,preamble,preset,replace,reset,section,section*,short,%
3892 short,short,short-acc,short-format,short-indefinite,short-long,%
3893 short-plural,short-plural-ending,short-plural-form ,show,single,%
3894 single,single,single-acc threshold,single-format
3895 title,single-style,%
3896 single-style,sort,sort,subsequent-style,subsequent-style,%
3897 supertabular,tabular,tabularx,tag,upgrade,use,use-id-as-short,%
3898 uselist,version,%
3899 },%
3900 % Keywords of class 4 : values of keys (in key=value)
3901 morekeywords=[4]{%
3902 },%
3903 % Keywords of class 5 : arguments specifications (after ":" in expl3
3904 % syntax)
3905 morekeywords=[5]{%
3906 },%
3907 % Keywords of class 6 : current package name (and possibly derived
3908 % packages)
3909 morekeywords=[6]{%
3910 acro%
3911 },%
3912 % otherkeywords={},%
3913 alsoletter={-},%
3914 % alsodigit={},%
3915 % alsoother={},%
3916 sensitive,%
3917 }[keywords, tex, comments]%
3918
3919 \lst@definelanguage[csquotes]{TeX}{%
3920 % Control sequences names
3921 moretexcs={%
3922 enquote,%
3923 },%
3924 % Keywords of class 1 : keywords that contain other characters (since
3925 % of the same class as the ones specified as 'otherkeywords')
3926 morekeywords={%
3927 },%

```



```

3926 % Keywords of class 2 : environments names
3927 morekeywords=[2]{%
3928 displayquote,%
3929 },%
3930 % Keywords of class 3 : mandatory arguments (not environments) &
3931 % optional arguments which are keys (in key=value)
3932 morekeywords=[3]{%
3933 },%
3934 % Keywords of class 4 : values of keys (in key=value)
3935 morekeywords=[4]{%
3936 },%
3937 % Keywords of class 5 : arguments specifications (after ":" in expl3
3938 % syntax)
3939 morekeywords=[5]{%
3940 },%
3941 % Keywords of class 6 : current package name (and possibly derived
3942 % packages)
3943 morekeywords=[6]{%
3944 csquotes%
3945 },%
3946 % otherkeywords={},
3947 % alsoletter={},
3948 % alsodigit={},%
3949 % alsoother={},%
3950 sensitive,%
3951 }[keywords, tex, comments]%
3952
3953 %%%
3954 % tcolorbox
3955 %%%
3956 \lst@definlanguage[tcolorbox]{TeX}%
3957 {%
3958 % Control sequences names
3959 moretexcs={%
3960 tcbuselibrary, newtcbtheorem, tcbset%
3961 },%
3962 % Keywords of class 1 : keywords that contain other characters (since
3963 % of the same class as the ones specified as 'otherkeywords')
3964 morekeywords={%
3965 %
3966 },%
3967 % Keywords of class 2 : environments names
3968 morekeywords=[2]{%
3969 absquote, boxarraystore, dispExample, dispExample*, dispListing, %
3970 dispListing*, docCommand, docCommand*, docCommands, docEnvironment, %
3971 docEnvironment*, docEnvironments, docKey, docKey*, docKeys, %
3972 docPathOperation, docPathOperation*, docPathOperations, extcolorbox, %
3973 exttikzpicture, fooauxenv, foocolorbox, foocolorbox*, posterboxenv, %
3974 tcbclipframe, tcbclipinterior, tcbcliptitle, tcbexternal, %
3975 tcbinclipframe, tcbitemize, tcbllisting, tcboutputlisting, %
3976 tcbboxeditemize, tcbboxedraster, tcbposter, tcbbraster, tcbverbatimwrite,
%

```

```

3977 tcbwritetemp,tcolorbox,%
3978 },%
3979 % Keywords of class 3 : mandatory arguments (not environments) &
3980 % optional arguments which are keys (in key=value)
3981 morekeywords=[3]{%
3982 Crefname,IfBooleanF,IfBooleanT,IfBooleanTF,IfNoValueF,IfNoValueT,%
3983 IfNoValueTF,IfValueF,IfValueT,IfValueTF,PassOptionsToClass,%
3984 PassOptionsToPackage,above*,above,actual,adapt,add,adjust,%
3985 adjusted,after,alert,alerted,algorithm,align*,align,all,ams,%
3986 and,angular,annotate,app,arara,arc,array,as,at,attach,auto,%
3987 autoparskip,balanced,base,basedim,baseline,beamer,bean,before,%
3988 beforeafter,% begin,
3989 below,between,biber,bibtex,bicolor,blank,%
3990 blanker,blankest,blend,body,bold,bookmark*,bookmark,borderline,%
3991 both,bottom*,bottom,bottomrule,bottomsep,bottomtitle,bounding,%
3992 box,boxed,boxes,boxrule,boxsep,break*,break,breakable,broken,%
3993 by,caption,capture,center,check,circular,clear,clip,code,%
3994 colback,colbacklower,colbacktitle,colframe,collower,colon,color,%
3995 colorize,colors,colspacing,coltext,coltitle,column*,column,%
3996 columns,colupper,command,comment,compilable,compiler,compress,%
3997 content,corner,corners,counter*,counter,counters,coverage,%
3998 crefname,current,curved,dash,default,definition,delimiters,%
3999 description,detach,directory,do,doc,docexample,documentation,%
4000 downwards,draft,draftmode,draw,drop,dvips,east,empty,% end,
4001 %
4002 enforce,engine,english,enhanced,enlarge,enlargement,enlargepage,%
4003 entry,environment,environments,equal,equation*,equation,error,%
4004 even,every,example!,example,extend,extension,external,%
4005 externalize,extras,extrude,fade,fading,file,fill,filled,finally,%
4006 finish,first,fit,fitting,fixed,flexible,flip,float*,float,%
4007 floatplacement,flush,flushleft,flushright,font,fontlower,fontsize,
%
4008 fonttitle,fontupper,for,force,format,formatter,frame,freelance,%
4009 freelancefirst,freelancelast,freelancemiddle,freestyle,freeze,from
,%
4010 full,fuzzy,gap,gather*,gather,geometry,german,goal,graphical,%
4011 graphics,group,grow,halign,halo,hanging,hbox,head,height,%
4012 hidden,hide,higher,highlight,hooks,horizontal,hyperlink,hyperref,%
4013 hypertarget,hyperurl*,hyperurl,hyphenationfix,if,ignore,image,in,%
4014 indent,index*,index,inherit,initially,input,inputencoding,inside,%
4015 interior,into,invisible,inwards,is,jigsaw,jpg,key,keypath,keys,%
4016 keywords,label,language,large,last,latex,layer,layers,left*,%
4017 left,lefthand,leftlower,leftright,leftrule,lefttitle,leftupper,%
4018 length,lengths,level,lifted,limit,line*,line,lines,list,%
4019 listing!,listing,listings,listingsutf,lower*,lower,lowerbox,%
4020 lowered,lualatex,m,macros,magazine,makeindex,many,marginnote,%
4021 marker,math,maxfontdiff,maxfontdiffgap,maxstep,maxwidthdiff,%
4022 maxwidthdiffgap,method,midday,middle,minimum,minipage,minted,%
4023 most,move,multicolumn,multirow,n,name,nameref,natural,new,%
4024 nirvana,no,nobeforeafter,nobreak,node,nodes,nodisplayskip,%
4025 nofloat,none,noparskip,nophantom,north,northeast,northwest,not,%
4026 notitle,number,octagon,odd,of,offset,on,oneside*,oneside,only,%

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```

4027 opacity,opacityback,opacitybacklower,opacitybacktitle,opacityfill,
 %
4028 opacityframe,opacitylower,opacitytext,opacitytitle,opacityupper,%
4029 option,options,or,orientation,out,outer,outside,outwards,over,%
4030 overlay,overlays,oversize,overzoom,pad,page*,page,pages,%
4031 pageshort,parameter,parbox,parenthesis,parfillskip,parskip,path,%
4032 paths,pdf,pdflatex,percent,phantom,phantomlabel,placeholder,%
4033 plain,plus,png,poster,pre,preamble,preclass,prefix,process,%
4034 pspdf,quote,raise,raised,raster,ratio,record,recording,remake,%
4035 remember,remove,reset,restore,right*,right,righthand,rightlower,%
4036 rightrule,rightright,rightright,rotate,rounded,row,rows,%
4037 rowspacing,rowspan,run,runner,runs,safety,savedelimiter,%
4038 savelowerto,saveto,scale,scope,segmentation,semi,separated,%
4039 separator,sequence,settings,shade,shading,shadow,sharp,sharpish,%
4040 shield,show,showframe,shrink,side,sidebyside,sideways,sign,%
4041 size,skin,skins,skip,small,smart,sort,source,south,southeast,%
4042 southwest,space,spacing,span,spartan,split,spread,square,%
4043 squeezed,stack,standard,step,store,stretch,style,subskin,%
4044 subtitle,supplement,switch,system,tabulars*,tabulars,tabularx*,%
4045 tabularx,tcbimage,tcbbox,preamble tcbset,tempfile,terminator,text,%
4046 theorem,theorems,tight,tikz,tikznode,tile,title*,title,titlebox,%
4047 titled,titlerule,to,toggle,top*,top,toprule,topsep,toptitle,%
4048 type,unbreakable,unbroken,underlay,updated,upper*,upper,upperbox,%
4049 upwards*,upwards,use,utf,valign,value,values,varwidth,verbatim,%
4050 vertical,vfill,vignette,visible,void,warning,watermark,west,%
4051 widget,width,with,within,xelatex,xmax,xmin,xparse,xshift,ymax,%
4052 ymin,yshift*,yshift,yshifttext,zoom,%
4053 },%
4054 % Keywords of class 4 : values of keys (in key=value)
4055 morekeywords=[4]{%
4056 all,and,apart,areasize*,areasize,as-is,auto,base,baselineskip,%
4057 beamer,beamerfirst,beamerlast,beamermiddle,bicolor,bicolorfirst,%
4058 bicolorlast,bicolormiddle,both,bottom,break,broken,center,change,%
4059 clipped,colon,copy,dash,direct,doc,downhill,draft,east,empty,%
4060 emptyfirst,emptylast,emptymiddle,enhanced,enhancedfirst,%
4061 enhancedlast,enhancedmiddle,evenpage,false,fbox,figures,final,%
4062 first,fitbox,flush,fontsize*,fontsize,forced,freelance,%
4063 freelancefirst,freelancelast,freelancemiddle,hang,hbox,hybrid*,%
4064 hybrid,ignored,invisible,jigsaw,justify,landscape*,landscape,%
4065 last,left,limited,listings,margin,maximum,middle,minimal,%
4066 minimum,minipage,minted,none,normal,north,northeast,northwest,%
4067 off,on,path,pathfirst,pathfirstjigsaw,pathjigsaw,pathlast,%
4068 pathlastjigsaw,pathmiddle,pathmiddlejigsaw,pgf,pgfchapter,%
4069 pgfsection,plain,portrait*,portrait,right,rows,scale*,scale,%
4070 seam,small,south,southeast,southwest,spartan,squeeze,standard,%
4071 tables,tight,tile,tilefirst,tilelast,tilemiddle,title,top,true,%
4072 unbroken,unlimited,uphill,visible,west,widget,widgetfirst,%
4073 widgetlast,widgetmiddle,red,black,white,none,%
4074 },%
4075 % Keywords of class 5 : arguments specifications (after ":" in expl3
4076 % syntax)
4077 morekeywords=[5]{%

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```

4078 },%
4079 % Keywords of class 6 : current package name (and possibly derived
4080 % packages)
4081 morekeywords=[6]{%
4082 tcolorbox%
4083 },%
4084 % otherkeywords={},%
4085 alsoletter={ \ },%
4086 % alsodigit={},%
4087 % alsoother={},%
4088 sensitive,%
4089 }[keywords, tex, comments]%
4090
4091 %%%
4092 % Classes (La)TeX
4093 %%%
4094 \lst@definlanguage[classes]{TeX}{%
4095 % Control sequences
4096 moretexcs={%
4097 },%
4098 % Keywords of class 1 : keywords that contain other characters
4099 % (since of the same class as the ones specified as
4100 % 'otherkeywords')
4101 morekeywords={%
4102 %
4103 },%
4104 % Keywords of class 2 : environments names
4105 morekeywords=[2]{%
4106 },%
4107 % Keywords of class 3 : mandatory arguments (not environments)
4108 % & optional arguments which are keys (in key=value)
4109 morekeywords=[3]{%
4110 },%
4111 % Keywords of class 4 : values of keys (in key=value)
4112 morekeywords=[4]{%
4113 },%
4114 % Keywords of class 5 : arguments specifications (after ":"
4115 % in expl3 syntax)
4116 morekeywords=[5]{%
4117 },%
4118 % Keywords of class 6 : current package name (and possibly
4119 % derived packages)
4120 morekeywords=[6]{%
4121 a0poster, aalok, aastex631, abntex2, achemso, acmart, acmconf,
4122 active-conf, adfathesis, afparticle, afthesis, aguplus, aiaa-tc,
4123 akklecture, akkscript, akktecdoc, akletter, myletter, ametsoc,
4124 amsart, amsbook, amsdtx, amsldoc, amsproc, aomart, apa, apa6,
4125 apa6e, apa7, arabart, arabbook, arabrep, arabrep1, articleingud,
4126 asaetr, ascelike, asmeconf, asmejour, assignment, aucklandthesis,
4127 bangorcsthesis, bangorexam, barticle, bbook, bletter,
4128 bankstatement, article, book, letter, ltnews, ltxdoc, ltxguide,
4129 minimal, proc, report, slides, source2edoc, basque-book, beamer,

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4130 beamerswitch, beaulivre, beilstein, argetabelle, bewerbung,  
4131 bgteubner, BHCexam, bitart, bitbook, bjfuthesis, BMSTU-IU8,  
4132 bookcover, bookest, bookshelf, br-lex, brandeis-dissertation,  
4133 brandeis-problemset, brandeis-thesis, buctcover, buctthesis,  
4134 bxjsarticle, bxjsbook, bxjsreport, bxjsslide, cascadilla, cd,  
4135 cd-cover, articoletteracdp, letteracdp, cesenaexam, cheatsheet,  
4136 chemmacros-manual, chletter, cje, cnbwp, cnltx-doc, codedoc,  
4137 colorart, colorbook, combine, cc, ConcProg, confproc, contracard,  
4138 courseoutline, coursepaper, cquthesis, csbulletin, csbulobalka,  
4139 csbulv1, ctexart, ctexbeamer, ctexbook, ctexrep, ctxdoc, curve,  
4140 cv4tw, cweb, idcc, ijdc-v14, ijdc-v9, dinbrief, disser, gost732,  
4141 dithesis, droit-fr, dtk, dvdcoll, easybook, ebsthesis, agecon,  
4142 ajae, apecon, ecca, erae, itaxpf, jrurstud, njf, oegatb, pocoec,  
4143 regstud, worlddev, ecv, einfart, ejpecp, elbioimp, elegantbook,  
4144 elegantnote, elegantpaper, elpres, cas-dc, cas-sc, elsarticle,  
4145 elteikthesis, emisa, emulateapj, erdc, eskd, eskdgraph, eskdtab,  
4146 eskdtext, estcpmm, europasscv, europecv, exam, exam-n, examdesign,  
4147 exesheet, extarticle, extbook, extletter, extproc, extreport,  
4148 facsimile, factura, fancyhandout, fancyslides, fbithesis, fcavtex,  
4149 fdudoc, fduthesis-en, fduthesis, fei, ffslides, fithesis,  
4150 fithesis2, fithesis3, fithesis4, flacards, flashcards, frletter,  
4151 g-brief, g-brief2, gaceta, gammas, gatech-thesis, gmdocc,  
4152 gradstudentresume, grant-afosr, grant-aro, grant-darpa, grant-doe,  
4153 grant-nih, grant-nrl, grant-nsf, grant-onr, grant, graphpaper,  
4154 gridslides, gsemthesis, guitartabs, gzt, gztarticle, h2020proposal,  
4155 hgbarticle, hgbreport, hgbthesis, harnon-cv, hausarbeit-jura,  
4156 hcart, hcletter, hcreport, hcslides, hecthesse, hepthesis, hitec,  
4157 hithesis, hitreport, hitszthesis, hletter, hpsdiss, fsbispit,  
4158 huawei, hustthesis, icsv, IEEEconf, IEEEtran, ijmart, ijsra,  
4159 image-gallery, IMTEKda, inkpaper, invoice-class, iodhbwm, iscam,  
4160 isov2, isodoc, iwhdp, jacow, jlreq, jmlr, jmlrbook, jnuexam, jpsj2,  
4161 jura, jurabook, juraovw, juraurtl, kdgcoursetext, kdgmasterthesis,  
4162 kdpcover, kerntest, kluwer, knittingpattern, scrartcl, scrarticle,  
4163 scrbook, scrdoc, scrletter, scrлтtr2, scrreport, scrreprt, komacv,  
4164 oblivoir-utf, oblivoir-xl, oblivoir, xoblivoir, ksp-thesis, l3doc,  
4165 labbook, leadsheet, leaflet, lebhart, lectures, letgut, lettre, limap,  
4166 limecv, lion-msc, lni, lps, lt3graph-packagedoc, ltxdockit,  
4167 ltxguidex, abstbook, beletter, flashcard, iagproc, cours, fiche,  
4168 matapli, matc3mem, mcmthesis, ltxmdf, medstarbeamer, meetingmins,  
4169 memoir, mensa-tex, mentis, metanorma, milog, minimart, minimbook,  
4170 mla, mluexercise, mnras, moderncv, modernposter, msu-thesis,  
4171 mucproc, mugsthesis, muling, musuos, muthesis, third-rep, mwart,  
4172 mwbk, mwrep, mycv, nature, ncc, nccproc, sibjnm, nddiss2e,  
4173 ndsu-thesis, newlfm, nih, nihbiosketch, njurepo, nlctdoc, nostarch,  
4174 nrc1, nrc2, artikel1, artikel2, artikel3, boek, boek3, brief,  
4175 rapport1, rapport3, nwejm, nwejmart, octavo, onrannual,  
4176 oup-authoring-template, journal, paper, papertex, pbsheet, pecha,  
4177 petiteannonce, philosophersimprint, pittetd, pkuthss, plari, play,  
4178 postcards, powerdot, FUpowerdot, ppr-prv, pracjourn, pressrelease,  
4179 proposal, reporting, dfgproposal, dfgreporting, euproposal,  
4180 eureporting, prosper, protocol, prtec, upmgr, wkmgr, pst-doc,  
4181 ptptex, qcm, quantumarticle, qyxf-book, ReadableCV, recipe,

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4182 RecipeBook, recipecard, refart, refrep, resphilosophica, revtex4-2,
4183 revtex4, revtex4-1, rtklage, ryersonSGSThesis, ryethesis, sageep,
4184 saphthesis, schuleab, schulein, schuleit, schulekl, schuleub,
4185 schuleue, schullsg, schullzk, schulma-ab, schulma-gutachten,
4186 schulma-klausur, schulma-komp, schulma-mdlprf, schulma-praes,
4187 schwalbe, sciposter, screenplay, scrjrn1, sdapsclassic, sduthesis,
4188 seminar, semproc, sesamanuel, seuthesix, sffms, cassette, etiketka,
4189 shtthesis, caesar_book, sides, simplecv, simplivre, skbarticle,
4190 skbbeamer, skbbook, skblncsbeamer, skblncsppt, skbmoderncv, skdoc,
4191 skeyval-testclass, skrapport, smfart, smfbook, SPhdThesis, spie,
4192 sr-vorl, sslides, stage, standalone, uthesis, hwexam, mikoslides,
4193 omdoc, smglom, subfiles, suftesi, sugconf, tabriz-thesis, talk,
4194 tcldoc, tclldoc, powersem, thesis-ekf, thesis-gwu, thuthesis,
4195 tikz-kalender, tikzposter, tlc-article, TOPletter, toptesi,
4196 tudabeamer, tudaexercise, tudaleaflet, tudaletter, tudaposter,
4197 tudapub, tudasciposter, tudscrartcl, tudscrbook, tudscrdoc,
4198 tudscrmanual, tudscrposter, tudscrreprt, tufte-book, tufte-handout,
4199 ltugboat, ltugproc, tui, turabian, turabian-researchpaper,
4200 turabian-thesis, my-thesis, ua-thesis, uafthesis,
4201 uantwerpenbamathesis, uantwerpencoursetext, uantwerpenexam,
4202 uantwerpenletter, uantwerpenphdthesis, uantwerpenreport,
4203 ucalgmthesis, ucbthesis, ucdavisthesis, ucsmonograph, uthesis,
4204 udesoftec, uebungsblatt, uestcthesis, uhhassignment, uiucborder,
4205 uiucthesis, ulthese, legislation, umich-thesis, umthesis,
4206 unam-thesis, unifith, unitn-bimrep, univie-ling-expose,
4207 univie-ling-paper, univie-ling-thesis, univie-ling-wlg,
4208 unizgklasa, uothesis, UoWthesis, upmethodology-document, URbeamer,
4209 URletter, uspatent, ut-thesis, utexasthesis, uwmslide, uwthesis,
4210 verifica, webquiz, willowtreebook, withargs-packagedoc,
4211 wsemclassic, xduthesis, xebaposter, xmuthesis, xsim-manual,
4212 yaletter, yathesis, ycbook, ydoc, york-thesis,
4213 },%
4214 % otherkeywords={},%
4215 alsoletter={0123456789-},%
4216 % alsodigit={},%
4217 sensitive%
4218 }[keywords, tex, comments]%
4219
4220 \lst@definlanguage[tangramtikz]{TeX}{%
4221 % Control sequences names
4222 moretexcs={%
4223 TangramTikz,%
4224 },%
4225 % Keywords of class 1 : keywords that contain other characters (since
4226 % of the same class as the ones specified as 'otherkeywords')
4227 morekeywords={%
4228 },%
4229 % Keywords of class 2 : environments names
4230 morekeywords=[2]{%
4231 },%
4232 % Keywords of class 3 : mandatory arguments (not environments) &
4233 % optional arguments which are keys (in key=value)

```

```
4234 morekeywords=[3]{%
4235 CorrectionCouleur,Voilier,%
4236 },%
4237 % Keywords of class 4 : values of keys (in key=value)
4238 morekeywords=[4]{%
4239 },%
4240 % Keywords of class 5 : arguments specifications (after ":" in expl3
4241 % syntax)
4242 morekeywords=[5]{%
4243 },%
4244 % Keywords of class 6 : current package name (and possibly derived
4245 % packages)
4246 morekeywords=[6]{%
4247 % TangramTikz%
4248 },%
4249 % otherkeywords={},%
4250 alsoletter={23},%
4251 % alsodigit={},%
4252 % alsoother={},%
4253 sensitive,%
4254 }[keywords, tex, comments]%
4255
4256 \lst@definlanguage[pixelarttikz]{TeX}{%
4257 % Control sequences names
4258 moretexcs={%
4259 PixelArtTikz,%
4260 },%
4261 % Keywords of class 1 : keywords that contain other characters (since
4262 % of the same class as the ones specified as 'otherkeywords')
4263 morekeywords={%
4264 },%
4265 % Keywords of class 2 : environments names
4266 morekeywords=[2]{%
4267 },%
4268 % Keywords of class 3 : mandatory arguments (not environments) &
4269 % optional arguments which are keys (in key=value)
4270 morekeywords=[3]{%
4271 Codes,Couleurs,Correction,Unite,BordCases,%
4272 },%
4273 % Keywords of class 4 : values of keys (in key=value)
4274 morekeywords=[4]{%
4275 }
4276 % Keywords of class 5 : arguments specifications (after ":" in expl3
4277 % syntax)
4278 morekeywords=[5]{%
4279 },%
4280 % Keywords of class 6 : current package name (and possibly derived
4281 % packages)
4282 morekeywords=[6]{%
4283 % PixelArtTikz,%
4284 },%
4285 % otherkeywords={},%
```

```

4286 alsoletter={23},%
4287 % alsodigit={},%
4288 % alsoother={},%
4289 sensitive,%
4290 }[keywords, tex, comments]%
4291
4292 \lst@definlanguage[resolysteme]{TeX}{%
4293 % Control sequences names
4294 moretexcs={%
4295 ProduitMatrices,%
4296 },%
4297 % Keywords of class 1 : keywords that contain other characters (since
4298 % of the same class as the ones specified as 'otherkeywords')
4299 morekeywords={%
4300 },%
4301 % Keywords of class 2 : environments names
4302 morekeywords=[2]{%
4303 },%
4304 % Keywords of class 3 : mandatory arguments (not environments) &
4305 % optional arguments which are keys (in key=value)
4306 morekeywords=[3]{%
4307 Aff
4308 },%
4309 % Keywords of class 4 : values of keys (in key=value)
4310 morekeywords=[4]{%
4311 },%
4312 % Keywords of class 5 : arguments specifications (after ":" in expl3
4313 % syntax)
4314 morekeywords=[5]{%
4315 },%
4316 % Keywords of class 6 : current package name (and possibly derived
4317 % packages)
4318 morekeywords=[6]{%
4319 ResolSysteme
4320 },%
4321 % otherkeywords={},%
4322 alsoletter={23},%
4323 % alsodigit={},%
4324 % alsoother={},%
4325 sensitive,%
4326 }[keywords, tex, comments]%
4327
4328 \lst@definlanguage[outilsgéomtikz]{TeX}{%
4329 % Control sequences names
4330 moretexcs={%
4331 tkzRegle, tkzEquerre, tkzCrayon%
4332 },%
4333 % Keywords of class 1 : keywords that contain other characters (since
4334 % of the same class as the ones specified as 'otherkeywords')
4335 morekeywords={%
4336 },%
4337 % Keywords of class 2 : environments names

```



```

4338 morekeywords=[2]{%
4339 },%
4340 % Keywords of class 3 : mandatory arguments (not environments) &
4341 % optional arguments which are keys (in key=value)
4342 morekeywords=[3]{%
4343 Fond,AfficheValeurs,Longueur,Rotation,Echelle,CouleurFond,Origine,
4344 Couleur
4345 },%
4346 % Keywords of class 4 : values of keys (in key=value)
4347 morekeywords=[4]{%
4348 },%
4349 % Keywords of class 5 : arguments specifications (after ":" in expl3
4350 % syntax)
4351 morekeywords=[5]{%
4352 },%
4353 % Keywords of class 6 : current package name (and possibly derived
4354 % packages)
4355 morekeywords=[6]{%
4356 OutilsGeomTikz },%
4357 % otherkeywords={},%
4358 alsoletter={23},%
4359 % alsodigit={},%
4360 % alsoother={},%
4361 sensitive,%
4362 }[keywords, tex, comments]%
4363
4364 \lst@definlanguage[fenetrecas]{TeX}{%
4365 % Control sequences names
4366 moretexcs={%
4367 LigneCalculsXcas%
4368 },%
4369 % Keywords of class 1 : keywords that contain other characters (since
4370 % of the same class as the ones specified as 'otherkeywords')
4371 morekeywords={%
4372 },%
4373 % Keywords of class 2 : environments names
4374 morekeywords=[2]{%
4375 CalculFormelXcas,%
4376 },%
4377 % Keywords of class 3 : mandatory arguments (not environments) &
4378 % optional arguments which are keys (in key=value)
4379 morekeywords=[3]{%
4380 Largeur,TexteOptions,TailleCommande,TailleResultat,%
4381 },%
4382 % Keywords of class 4 : values of keys (in key=value)
4383 morekeywords=[4]{%
4384 },%
4385 % Keywords of class 5 : arguments specifications (after ":" in expl3
4386 % syntax)
4387 morekeywords=[5]{%
4388 },%
4389 % Keywords of class 6 : current package name (and possibly derived

```

```

4389 % packages)
4390 morekeywords=[6]{%
4391 FenetreCas },%
4392 % otherkeywords={},%
4393 alsoletter={23},%
4394 % alsodigit={},%
4395 % alsoother={},%
4396 sensitive,%
4397 }[keywords, tex, comments]%
4398
4399 \lst@definlanguage[playcards]{TeX}{%
4400 % Control sequences names
4401 moretexcs={%
4402 drawcardsrecto%
4403 },%
4404 % Keywords of class 1 : keywords that contain other characters (since
4405 % of the same class as the ones specified as 'otherkeywords')
4406 morekeywords={%
4407 },%
4408 % Keywords of class 2 : environments names
4409 morekeywords=[2]{%
4410 },%
4411 % Keywords of class 3 : mandatory arguments (not environments) &
4412 % optional arguments which are keys (in key=value)
4413 morekeywords=[3]{%
4414 trame,%
4415 },%
4416 % Keywords of class 4 : values of keys (in key=value)
4417 morekeywords=[4]{%
4418 false,%
4419 },%
4420 % Keywords of class 5 : arguments specifications (after ":" in expl3
4421 % syntax)
4422 morekeywords=[5]{%
4423 },%
4424 % Keywords of class 6 : current package name (and possibly derived
4425 % packages)
4426 morekeywords=[6]{%
4427 playcards},%
4428 % otherkeywords={},%
4429 alsoletter={23},%
4430 % alsodigit={},%
4431 % alsoother={},%
4432 sensitive,%
4433 }[keywords, tex, comments]%
4434
4435 \lst@definlanguage[tikz3d-fr]{TeX}{%
4436 % Control sequences names
4437 moretexcs={%
4438 PlaquePetitsCubes,%
4439 },%
4440 % Keywords of class 1 : keywords that contain other characters (since

```

```

4441 % of the same class as the ones specified as 'otherkeywords')
4442 morekeywords={%
4443 },%
4444 % Keywords of class 2 : environments names
4445 morekeywords=[2]{%
4446 EmpilementCubes%
4447 },%
4448 % Keywords of class 3 : mandatory arguments (not environments) &
4449 % optional arguments which are keys (in key=value)
4450 morekeywords=[3]{%
4451 },%
4452 % Keywords of class 4 : values of keys (in key=value)
4453 morekeywords=[4]{%
4454 },%
4455 % Keywords of class 5 : arguments specifications (after ":" in expl3
4456 % syntax)
4457 morekeywords=[5]{%
4458 },%
4459 % Keywords of class 6 : current package name (and possibly derived
4460 % packages)
4461 morekeywords=[6]{%
4462 tikz3d-fr%
4463 },%
4464 % otherkeywords={},%
4465 alsoletter={23},%
4466 % alsodigit={},%
4467 % alsoother={},%
4468 sensitive,%
4469 }[keywords, tex, comments]%
4470
4471 \lst@definlanguage[tikz2d-fr]{TeX}{%
4472 % Control sequences names
4473 moretexcs={%
4474 DefinirPoints, TracerSegments, MarquerPoints,%
4475 },%
4476 % Keywords of class 1 : keywords that contain other characters (since
4477 % of the same class as the ones specified as 'otherkeywords')
4478 morekeywords={%
4479 },%
4480 % Keywords of class 2 : environments names
4481 morekeywords=[2]{%
4482 EmpilementCubes%
4483 },%
4484 % Keywords of class 3 : mandatory arguments (not environments) &
4485 % optional arguments which are keys (in key=value)
4486 morekeywords=[3]{%
4487 mainlevee, DecalLabel, Math, Couleurs%
4488 },%
4489 % Keywords of class 4 : values of keys (in key=value)
4490 morekeywords=[4]{%
4491 },%
4492 % Keywords of class 5 : arguments specifications (after ":" in expl3

```

```

4493 % syntax)
4494 morekeywords=[5]{%
4495 },%
4496 % Keywords of class 6 : current package name (and possibly derived
4497 % packages)
4498 morekeywords=[6]{%
4499 tikz2d-fr%
4500 },%
4501 % otherkeywords={},%
4502 alsoletter={23},%
4503 % alsodigit={},%
4504 % alsoother={},%
4505 sensitive,%
4506 }[keywords, tex, comments]%
4507
4508 \lst@definlanguage[sympycalc]{TeX}{%
4509 % Control sequences names
4510 moretexcs={%
4511 dsympycalc,%
4512 },%
4513 % Keywords of class 1 : keywords that contain other characters (since
4514 % of the same class as the ones specified as 'otherkeywords')
4515 morekeywords={%
4516 },%
4517 % Keywords of class 2 : environments names
4518 morekeywords=[2]{%
4519 },%
4520 % Keywords of class 3 : mandatory arguments (not environments) &
4521 % optional arguments which are keys (in key=value)
4522 morekeywords=[3]{%
4523 },%
4524 % Keywords of class 4 : values of keys (in key=value)
4525 morekeywords=[4]{%
4526 % radsimp, factor%
4527 },%
4528 % Keywords of class 5 : arguments specifications (after ":" in expl3
4529 % syntax)
4530 morekeywords=[5]{%
4531 },%
4532 % Keywords of class 6 : current package name (and possibly derived
4533 % packages)
4534 morekeywords=[6]{%
4535 sympycalc},%
4536 % otherkeywords={},%
4537 alsoletter={23},%
4538 % alsodigit={},%
4539 % alsoother={},%
4540 sensitive,%
4541 }[keywords, tex, comments]%
4542
4543 \lst@definlanguage[postit]{TeX}{%
4544 % Control sequences names

```

```

4545 moretexcs={%
4546 %
4547 },%
4548 % Keywords of class 1 : keywords that contain other characters (since
4549 % of the same class as the ones specified as 'otherkeywords')
4550 morekeywords={%
4551 },%
4552 % Keywords of class 2 : environments names
4553 morekeywords=[2]{%
4554 PostIt,%
4555 },%
4556 % Keywords of class 3 : mandatory arguments (not environments) &
4557 % optional arguments which are keys (in key=value)
4558 morekeywords=[3]{%
4559 Inclinaison, Rendu, Attache, Couleur, Largeur, AlignementH, Titre,
4560 PoliceTitre,%
4561 },%
4562 % Keywords of class 4 : values of keys (in key=value)
4563 morekeywords=[4]{%
4564 tikzv2, Scotch%
4565 },%
4566 % Keywords of class 5 : arguments specifications (after ":" in expl3
4567 % syntax)
4568 morekeywords=[5]{%
4569 },%
4570 % Keywords of class 6 : current package name (and possibly derived
4571 % packages)
4572 morekeywords=[6]{%
4573 postit},%
4574 % otherkeywords={},%
4575 alsoletter={23},%
4576 % alsodigit={},%
4577 % alsoother={},%
4578 sensitive,%
4579 }[keywords, tex, comments]%
4580 \lst@definlanguage[ProfMaquette]{TeX}{%
4581 % Control sequences names
4582 moretexcs={%
4583 brm,%
4584 },%
4585 % Keywords of class 1 : keywords that contain other characters (since
4586 % of the same class as the ones specified as 'otherkeywords')
4587 morekeywords={%
4588 %
4589 },%
4590 % Keywords of class 2 : environments names
4591 morekeywords=[2]{%
4592 Maquette, exercice,%
4593 },%
4594 % Keywords of class 3 : mandatory arguments (not environments) &
4595 % optional arguments which are keys (in key=value)

```

```

4596 morekeywords=[3]{%
4597 Numero, Niveau, Classe, Date, Theme, Parcours, PdT, Oral, Calculatrice, IE
 },%
4598 % Keywords of class 4 : values of keys (in key=value)
4599 morekeywords=[4]{%
4600 },%
4601 % Keywords of class 5 : arguments specifications (after ":" in expl3
4602 % syntax)
4603 morekeywords=[5]{%
4604 },%
4605 % Keywords of class 6 : current package name (and possibly derived
4606 % packages)
4607 morekeywords=[6]{%
4608 tikz2d-fr},%
4609 % otherkeywords={},%
4610 alsoletter={23},%
4611 % alsodigit={},%
4612 % alsoother={},%
4613 sensitive,%
4614 }[keywords, tex, comments]%
4615
4616 \lst@definlanguage[tiling]{TeX}{%
4617 % Control sequences names
4618 moretexcs={%
4619 pic,%
4620 },%
4621 % Keywords of class 1 : keywords that contain other characters (since
4622 % of the same class as the ones specified as 'otherkeywords')
4623 morekeywords={%
4624 },%
4625 % Keywords of class 2 : environments names
4626 morekeywords=[2]{%
4627 },%
4628 % Keywords of class 3 : mandatory arguments (not environments) &
4629 % optional arguments which are keys (in key=value)
4630 morekeywords=[3]{%
4631 aperiodical, hat, flip, tile, name, align, with,%
4632 },%
4633 % Keywords of class 4 : values of keys (in key=value)
4634 morekeywords=[4]{%
4635 along, back, using,%
4636 },%
4637 % Keywords of class 5 : arguments specifications (after ":" in expl3
4638 % syntax)
4639 morekeywords=[5]{%
4640 },%
4641 % Keywords of class 6 : current package name (and possibly derived
4642 % packages)
4643 morekeywords=[6]{%
4644 tiling},%
4645 % otherkeywords={},%
4646 alsoletter={23},%

```

```

4647 % alsodigit={},%
4648 % alsoother={},%
4649 sensitive,%
4650 }[keywords,tex,comments]%
4651
4652 \lst@definlanguage[emoji]{TeX}{%
4653 % Control sequences names
4654 moretexcs={%
4655 setemojifont,emoji
4656 },%
4657 % Keywords of class 1 : keywords that contain other characters
4658 % (since of the same class as the ones specified as 'otherkeywords')
4659 morekeywords={%
4660 },%
4661 % Keywords of class 2 : environments names
4662 morekeywords=[2]{%
4663 },%
4664 % Keywords of class 3 : mandatory arguments (not environments) &
4665 % optional arguments which are keys (in key=value)
4666 morekeywords=[3]{%
4667 duck,+1,joy
4668 },%
4669 % Keywords of class 4 : values of keys (in key=value)
4670 morekeywords=[4]{%
4671 },%
4672 % Keywords of class 5 : arguments specifications (after ":" in expl3
4673 % syntax)
4674 morekeywords=[5]{%
4675 },%
4676 % Keywords of class 6 : current package name (and possibly derived
4677 % packages)
4678 morekeywords=[6]{%
4679 %
4680 },%
4681 % otherkeywords={},
4682 alsoletter={+1},
4683 % alsodigit={},%
4684 % alsoother={},%
4685 sensitive,%
4686 }[keywords,tex,comments]
4687
4688 \lst@definlanguage[notomath]{TeX}{%
4689 % Control sequences names
4690 moretexcs={%
4691 },%
4692 % Keywords of class 1 : keywords that contain other characters
4693 % (since of the same class as the ones specified as 'otherkeywords')
4694 morekeywords={%
4695 },%
4696 % Keywords of class 2 : environments names
4697 morekeywords=[2]{%
4698 },%

```

```

4699 % Keywords of class 3 : mandatory arguments (not environments) &
4700 % optional arguments which are keys (in key=value)
4701 morekeywords={3}{%
4702 mono, scale,%
4703 },%
4704 % Keywords of class 4 : values of keys (in key=value)
4705 morekeywords={4}{%
4706 },%
4707 % Keywords of class 5 : arguments specifications (after ":" in expl3
4708 % syntax)
4709 morekeywords={5}{%
4710 },%
4711 % Keywords of class 6 : current package name (and possibly derived
4712 % packages)
4713 morekeywords={6}{%
4714 notomath%
4715 },%
4716 % otherkeywords={},
4717 % alsoletter={},
4718 % alsodigit={},%
4719 % alsoother={},%
4720 sensitive,%
4721 }[keywords, tex, comments]
4722
4723 \lst@definlanguage[metsymb]{TeX}{%
4724 % Control sequences names
4725 moretexcs={%
4726 twooktas},%
4727 % Keywords of class 1 : keywords that contain other characters
4728 % (since of the same class as the ones specified as 'otherkeywords')
4729 morekeywords={%
4730 },%
4731 % Keywords of class 2 : environments names
4732 morekeywords={2}{%
4733 },%
4734 % Keywords of class 3 : mandatory arguments (not environments) &
4735 % optional arguments which are keys (in key=value)
4736 morekeywords={3}{%
4737 %
4738 },%
4739 % Keywords of class 4 : values of keys (in key=value)
4740 morekeywords={4}{%
4741 },%
4742 % Keywords of class 5 : arguments specifications (after ":" in expl3
4743 % syntax)
4744 morekeywords={5}{%
4745 },%
4746 % Keywords of class 6 : current package name (and possibly derived
4747 % packages)
4748 morekeywords={6}{%
4749 metsymb%
4750 },%

```



```
4751 % otherkeywords={},
4752 % alsoletter={},
4753 % alsodigit={},%
4754 % alsoother={},%
4755 sensitive,%
4756 }[keywords, tex, comments]
4757
4758 \lst@definlanguage[quizztex]{TeX}{%
4759 % Control sequences names
4760 moretexcs={%
4761 QuizzMillions},%
4762 % Keywords of class 1 : keywords that contain other characters
4763 % (since of the same class as the ones specified as 'otherkeywords')
4764 morekeywords={%
4765 },%
4766 % Keywords of class 2 : environments names
4767 morekeywords=[2]{%
4768 },%
4769 % Keywords of class 3 : mandatory arguments (not environments) &
4770 % optional arguments which are keys (in key=value)
4771 morekeywords=[3]{%
4772 %
4773 },%
4774 % Keywords of class 4 : values of keys (in key=value)
4775 morekeywords=[4]{%
4776 Largeur
4777 },%
4778 % Keywords of class 5 : arguments specifications (after ":" in expl3
4779 % syntax)
4780 morekeywords=[5]{%
4781 },%
4782 % Keywords of class 6 : current package name (and possibly derived
4783 % packages)
4784 morekeywords=[6]{%
4785 quizztex%
4786 },%
4787 % otherkeywords={},
4788 % alsoletter={},
4789 % alsodigit={},%
4790 % alsoother={},%
4791 sensitive,%
4792 }[keywords, tex, comments]
4793
4794 \lst@definlanguage[profsio]{TeX}{%
4795 % Control sequences names
4796 moretexcs={%
4797 KarnaughCasesResult, KarnaughBlocRegroup},%
4798 % Keywords of class 1 : keywords that contain other characters
4799 % (since of the same class as the ones specified as 'otherkeywords')
4800 morekeywords={%
4801 },%
4802 % Keywords of class 2 : environments names
```

```

4803 morekeywords=[2]{%
4804 TableKarnaugh%
4805 },%
4806 % Keywords of class 3 : mandatory arguments (not environments) &
4807 % optional arguments which are keys (in key=value)
4808 morekeywords=[3]{%
4809 Type,Couleur,Decalage %
4810 },%
4811 % Keywords of class 4 : values of keys (in key=value)
4812 morekeywords=[4]{%
4813 Gauche,Centre,Droite%
4814 },%
4815 % Keywords of class 5 : arguments specifications (after ":" in expl3
4816 % syntax)
4817 morekeywords=[5]{%
4818 },%
4819 % Keywords of class 6 : current package name (and possibly derived
4820 % packages)
4821 morekeywords=[6]{%
4822 profsio%
4823 },%
4824 % otherkeywords={},
4825 % alsoletter={},
4826 % alsodigit={},%
4827 % alsoother={},%
4828 sensitive,%
4829 }[keywords, tex, comments]
4830
4831 \lst@definlanguage[rouequations]{TeX}{%
4832 % Control sequences names
4833 moretexcs={%
4834 roueQuestions},%
4835 % Keywords of class 1 : keywords that contain other characters
4836 % (since of the same class as the ones specified as 'otherkeywords')
4837 morekeywords={%
4838 },%
4839 % Keywords of class 2 : environments names
4840 morekeywords=[2]{%
4841 %
4842 },%
4843 % Keywords of class 3 : mandatory arguments (not environments) &
4844 % optional arguments which are keys (in key=value)
4845 morekeywords=[3]{%
4846 Titre,Consigne,RayonCentral,RayonTotal %
4847 },%
4848 % Keywords of class 4 : values of keys (in key=value)
4849 morekeywords=[4]{%
4850 %
4851 },%
4852 % Keywords of class 5 : arguments specifications (after ":" in expl3
4853 % syntax)
4854 morekeywords=[5]{%

```

```
4855 },%
4856 % Keywords of class 6 : current package name (and possibly derived
4857 % packages)
4858 morekeywords=[6]{%
4859 rouequestions%
4860 },%
4861 % otherkeywords={},
4862 % alsoletter={},
4863 % alsodigit={},%
4864 % alsoother={},%
4865 sensitive,%
4866 }[keywords, tex, comments]
4867
4868 \lst@definlanguage[wordle]{TeX}{%
4869 % Control sequences names
4870 moretexcs={%
4871 },%
4872 % Keywords of class 1 : keywords that contain other characters
4873 % (since of the same class as the ones specified as 'otherkeywords')
4874 morekeywords={%
4875 },%
4876 % Keywords of class 2 : environments names
4877 morekeywords=[2]{%
4878 GrilleSutom%
4879 },%
4880 % Keywords of class 3 : mandatory arguments (not environments) &
4881 % optional arguments which are keys (in key=value)
4882 morekeywords=[3]{%
4883 },%
4884 % Keywords of class 4 : values of keys (in key=value)
4885 morekeywords=[4]{%
4886 %
4887 },%
4888 % Keywords of class 5 : arguments specifications (after ":" in expl3
4889 % syntax)
4890 morekeywords=[5]{%
4891 },%
4892 % Keywords of class 6 : current package name (and possibly derived
4893 % packages)
4894 morekeywords=[6]{%
4895 wordle%
4896 },%
4897 % otherkeywords={},
4898 % alsoletter={},
4899 % alsodigit={},%
4900 % alsoother={},%
4901 sensitive,%
4902 }[keywords, tex, comments]
4903
4904 \lst@definlanguage[wordcloud]{TeX}{%
4905 % Control sequences names
4906 moretexcs={%
```

```

4907 wordcloud
4908 },%
4909 % Keywords of class 1 : keywords that contain other characters
4910 % (since of the same class as the ones specified as 'otherkeywords')
4911 morekeywords={%
4912 },%
4913 % Keywords of class 2 : environments names
4914 morekeywords=[2]{%
4915 %
4916 },%
4917 % Keywords of class 3 : mandatory arguments (not environments) &
4918 % optional arguments which are keys (in key=value)
4919 morekeywords=[3]{%
4920 rotate,usecolor},%
4921 % Keywords of class 4 : values of keys (in key=value)
4922 morekeywords=[4]{%
4923 %
4924 },%
4925 % Keywords of class 5 : arguments specifications (after ":" in expl3
4926 % syntax)
4927 morekeywords=[5]{%
4928 },%
4929 % Keywords of class 6 : current package name (and possibly derived
4930 % packages)
4931 morekeywords=[6]{%
4932 wordcloud%
4933 },%
4934 % otherkeywords={},
4935 % alsoletter={},
4936 % alsodigit={},%
4937 % alsoother={},%
4938 sensitive,%
4939 }[keywords,tex,comments]
4940
4941 \lst@definlanguage[panneauxroute]{TeX}{%
4942 % Control sequences names
4943 moretexcs={%
4944 prLimVites,prChausRetG,prStop,prInterdAgricMot,prFinIntDepassCam,
4945 prInfos,prIssueSecD
4946 },%
4947 % Keywords of class 1 : keywords that contain other characters
4948 % (since of the same class as the ones specified as 'otherkeywords')
4949 morekeywords={%
4950 },%
4951 % Keywords of class 2 : environments names
4952 morekeywords=[2]{%
4953 %
4954 },%
4955 % Keywords of class 3 : mandatory arguments (not environments) &
4956 % optional arguments which are keys (in key=value)
4957 morekeywords=[3]{%
4958 rotate,usecolor},%

```

```
4958 % Keywords of class 4 : values of keys (in key=value)
4959 morekeywords=[4]{%
4960 %
4961 },%
4962 % Keywords of class 5 : arguments specifications (after ":" in expl3
4963 % syntax)
4964 morekeywords=[5]{%
4965 },%
4966 % Keywords of class 6 : current package name (and possibly derived
4967 % packages)
4968 morekeywords=[6]{%
4969 panneauxroute%
4970 },%
4971 % otherkeywords={},
4972 % alsoletter={},
4973 % alsodigit={},%
4974 % alsoother={},%
4975 sensitive,%
4976 }[keywords, tex, comments]
4977
4978 \lst@definlanguage[creationboites]{TeX}{%
4979 % Control sequences names
4980 moretexcs={%
4981 CreationBoite
4982 },%
4983 % Keywords of class 1 : keywords that contain other characters
4984 % (since of the same class as the ones specified as 'otherkeywords')
4985 morekeywords={%
4986 faIcons
4987 },%
4988 % Keywords of class 2 : environments names
4989 morekeywords=[2]{%
4990 %
4991 },%
4992 % Keywords of class 3 : mandatory arguments (not environments) &
4993 % optional arguments which are keys (in key=value)
4994 morekeywords=[3]{%
4995 },%
4996 % Keywords of class 4 : values of keys (in key=value)
4997 morekeywords=[4]{%
4998 %
4999 },%
5000 % Keywords of class 5 : arguments specifications (after ":" in expl3
5001 % syntax)
5002 morekeywords=[5]{%
5003 },%
5004 % Keywords of class 6 : current package name (and possibly derived
5005 % packages)
5006 morekeywords=[6]{%
5007 creationboites%
5008 },%
5009 % otherkeywords={},
```

```

5010 % alsoletter={},
5011 % alsodigit={},%
5012 % alsoother={},%
5013 sensitive,%
5014 }[keywords, tex, comments]
5015
5016
5017 \lst@definlanguage[highlightx]{TeX}{%
5018 % Control sequences names
5019 moretexcs={%
5020 SurlignerTexte
5021 },%
5022 % Keywords of class 1 : keywords that contain other characters
5023 % (since of the same class as the ones specified as 'otherkeywords')
5024 morekeywords={%
5025 },%
5026 % Keywords of class 2 : environments names
5027 morekeywords=[2]{%
5028 %
5029 },%
5030 % Keywords of class 3 : mandatory arguments (not environments) &
5031 % optional arguments which are keys (in key=value)
5032 morekeywords=[3]{%
5033 },%
5034 % Keywords of class 4 : values of keys (in key=value)
5035 morekeywords=[4]{%
5036 %
5037 },%
5038 % Keywords of class 5 : arguments specifications (after ":" in expl3
5039 % syntax)
5040 morekeywords=[5]{%
5041 },%
5042 % Keywords of class 6 : current package name (and possibly derived
5043 % packages)
5044 morekeywords=[6]{%
5045 highlightx%
5046 },%
5047 % otherkeywords={},
5048 % alsoletter={},
5049 % alsodigit={},%
5050 % alsoother={},%
5051 sensitive,%
5052 }[keywords, tex, comments]
5053
5054 \lst@definlanguage[tkzbernouilli]{TeX}{%
5055 % Control sequences names
5056 moretexcs={%
5057 tkzSchemBernoulli
5058 },%
5059 % Keywords of class 1 : keywords that contain other characters
5060 % (since of the same class as the ones specified as 'otherkeywords')
5061 morekeywords={%

```

```
5062 },%
5063 % Keywords of class 2 : environments names
5064 morekeywords=[2]{%
5065 %
5066 },%
5067 % Keywords of class 3 : mandatory arguments (not environments) &
5068 % optional arguments which are keys (in key=value)
5069 morekeywords=[3]{%
5070 rectangle,text,midway
5071 },%
5072 % Keywords of class 4 : values of keys (in key=value)
5073 morekeywords=[4]{%
5074 %
5075 },%
5076 % Keywords of class 5 : arguments specifications (after ":" in expl3
5077 % syntax)
5078 morekeywords=[5]{%
5079 },%
5080 % Keywords of class 6 : current package name (and possibly derived
5081 % packages)
5082 morekeywords=[6]{%
5083 tkz-bernouilli%
5084 },%
5085 % otherkeywords={},
5086 % alsoletter={},
5087 % alsodigit={},%
5088 % alsoother={},%
5089 sensitive,%
5090 }[keywords,tex,comments]
5091
5092 \lst@definlanguage[papiergurvan]{TeX}{%
5093 % Control sequences names
5094 moretexcs={%
5095 EcrireLigneGurvan,PasserLigneGurvan
5096 },%
5097 % Keywords of class 1 : keywords that contain other characters
5098 % (since of the same class as the ones specified as 'otherkeywords')
5099 morekeywords={%
5100 cursive
5101 },%
5102 % Keywords of class 2 : environments names
5103 morekeywords=[2]{%
5104 EnvGurvan
5105 %
5106 },%
5107 % Keywords of class 3 : mandatory arguments (not environments) &
5108 % optional arguments which are keys (in key=value)
5109 morekeywords=[3]{%
5110 Echelle,Marge,Interligne,NbCarreaux,DecalH
5111 },%
5112 % Keywords of class 4 : values of keys (in key=value)
5113 morekeywords=[4]{%
```

```

5114 %
5115 },%
5116 % Keywords of class 5 : arguments specifications (after ":" in expl3
5117 % syntax)
5118 morekeywords=[5]{%
5119 },%
5120 % Keywords of class 6 : current package name (and possibly derived
5121 % packages)
5122 morekeywords=[6]{%
5123 papiergurvan%
5124 },%
5125 % otherkeywords={},
5126 % alsoletter={},
5127 % alsodigit={},%
5128 % alsoother={},%
5129 sensitive,%
5130 }[keywords, tex, comments]
5131
5132 \lst@definlanguage[circularglyphs]{TeX}{%
5133 % Control sequences names
5134 moretexcs={%
5135 CircGlyph
5136 },%
5137 % Keywords of class 1 : keywords that contain other characters
5138 % (since of the same class as the ones specified as 'otherkeywords')
5139 morekeywords={%
5140 },%
5141 % Keywords of class 2 : environments names
5142 morekeywords=[2]{%
5143 %
5144 },%
5145 % Keywords of class 3 : mandatory arguments (not environments) &
5146 % optional arguments which are keys (in key=value)
5147 morekeywords=[3]{%
5148 },%
5149 % Keywords of class 4 : values of keys (in key=value)
5150 morekeywords=[4]{%
5151 %
5152 },%
5153 % Keywords of class 5 : arguments specifications (after ":" in expl3
5154 % syntax)
5155 morekeywords=[5]{%
5156 },%
5157 % Keywords of class 6 : current package name (and possibly derived
5158 % packages)
5159 morekeywords=[6]{%
5160 circularglyphs%
5161 },%
5162 % otherkeywords={},
5163 % alsoletter={},
5164 % alsodigit={},%
5165 % alsoother={},%

```



```
5166 sensitive,%
5167 }[keywords, tex, comments]
5168
5169 \lst@definlanguage[tikz-osci]{TeX}{%
5170 % Control sequences names
5171 moretexcs={%
5172 osci
5173 },%
5174 % Keywords of class 1 : keywords that contain other characters
5175 % (since of the same class as the ones specified as 'otherkeywords')
5176 morekeywords={%
5177 },%
5178 % Keywords of class 2 : environments names
5179 morekeywords=[2]{%
5180 %
5181 },%
5182 % Keywords of class 3 : mandatory arguments (not environments) &
5183 % optional arguments which are keys (in key=value)
5184 morekeywords=[3]{%
5185 scale,second,channel, time, div, voltage, sample, rate, xy, mode, func,
5186 one,
5187 func, two, indicators, color, three, text, graph, back, main, axis,
5188 grid,info,math,hide,source
5189 },%
5190 % Keywords of class 4 : values of keys (in key=value)
5191 morekeywords=[4]{%
5192 %
5193 },%
5194 % Keywords of class 5 : arguments specifications (after ":" in expl3
5195 % syntax)
5196 morekeywords=[5]{%
5197 },%
5198 % Keywords of class 6 : current package name (and possibly derived
5199 % packages)
5200 morekeywords=[6]{%
5201 tikz-osci%
5202 },%
5203 % otherkeywords={},
5204 % alsoletter={},
5205 % alsodigit={},%
5206 % alsoother={},%
5207 sensitive,%
5208 }[keywords, tex, comments]
5209
5210 \lst@definlanguage[customenvs]{TeX}{%
5211 % Control sequences names
5212 moretexcs={%
5213 ReponsesQCM
5214 },%
5215 % Keywords of class 1 : keywords that contain other characters
5216 % (since of the same class as the ones specified as 'otherkeywords')
5217 morekeywords={%
```

```

5216 },%
5217 % Keywords of class 2 : environments names
5218 morekeywords=[2]{%
5219 %
5220 },%
5221 % Keywords of class 3 : mandatory arguments (not environments) &
5222 % optional arguments which are keys (in key=value)
5223 morekeywords=[3]{%
5224 Filets,NbCols,EspacesCL
5225 },%
5226 % Keywords of class 4 : values of keys (in key=value)
5227 morekeywords=[4]{%
5228 %
5229 },%
5230 % Keywords of class 5 : arguments specifications (after ":" in expl3
5231 % syntax)
5232 morekeywords=[5]{%
5233 },%
5234 % Keywords of class 6 : current package name (and possibly derived
5235 % packages)
5236 morekeywords=[6]{%
5237 customenvs%
5238 },%
5239 % otherkeywords={},
5240 % alsoletter={},
5241 % alsodigit={},%
5242 % alsoother={},%
5243 sensitive,%
5244 }[keywords, tex, comments]
5245
5246 \lst@definlanguage[calcfrac]{TeX}{%
5247 % Control sequences names
5248 moretexcs={%
5249 calcfrac,
5250 },%
5251 % Keywords of class 1 : keywords that contain other characters
5252 % (since of the same class as the ones specified as 'otherkeywords')
5253 morekeywords={%
5254 },%
5255 % Keywords of class 2 : environments names
5256 morekeywords=[2]{%
5257 %
5258 },%
5259 % Keywords of class 3 : mandatory arguments (not environments) &
5260 % optional arguments which are keys (in key=value)
5261 morekeywords=[3]{%
5262 },%
5263 % Keywords of class 4 : values of keys (in key=value)
5264 morekeywords=[4]{%
5265 %
5266 },%
5267 % Keywords of class 5 : arguments specifications (after ":" in expl3

```

```
5268 % syntax)
5269 morekeywords=[5]{%
5270 },%
5271 % Keywords of class 6 : current package name (and possibly derived
5272 % packages)
5273 morekeywords=[6]{%
5274 calcfrac%
5275 },%
5276 % otherkeywords={},
5277 % alsoletter={},
5278 % alsodigit={},%
5279 % alsoother={},%
5280 sensitive,%
5281 }[keywords, tex, comments]
5282
5283 \lst@definlanguage[siunitx]{TeX}{%
5284 % Control sequences names
5285 moretexcs={%
5286 num, SI,
5287 },%
5288 % Keywords of class 1 : keywords that contain other characters
5289 % (since of the same class as the ones specified as 'otherkeywords')
5290 morekeywords={%
5291 },%
5292 % Keywords of class 2 : environments names
5293 morekeywords=[2]{%
5294 },%
5295 },%
5296 % Keywords of class 3 : mandatory arguments (not environments) &
5297 % optional arguments which are keys (in key=value)
5298 morekeywords=[3]{%
5299 },%
5300 % Keywords of class 4 : values of keys (in key=value)
5301 morekeywords=[4]{%
5302 },%
5303 },%
5304 % Keywords of class 5 : arguments specifications (after ":" in expl3
5305 % syntax)
5306 morekeywords=[5]{%
5307 },%
5308 % Keywords of class 6 : current package name (and possibly derived
5309 % packages)
5310 morekeywords=[6]{%
5311 siunitx%
5312 },%
5313 % otherkeywords={},
5314 % alsoletter={},
5315 % alsodigit={},%
5316 % alsoother={},%
5317 sensitive,%
5318 }[keywords, tex, comments]
5319
```

```
5320 \lst@definlanguage[coloredbelts]{TeX}{%
5321 % Control sequences names
5322 moretexcs={%
5323 CeintureCouleur,
5324 },%
5325 % Keywords of class 1 : keywords that contain other characters
5326 % (since of the same class as the ones specified as 'otherkeywords')
5327 morekeywords={%
5328 marron,bleu
5329 },%
5330 % Keywords of class 2 : environments names
5331 morekeywords=[2]{%
5332 %
5333 },%
5334 % Keywords of class 3 : mandatory arguments (not environments) &
5335 % optional arguments which are keys (in key=value)
5336 morekeywords=[3]{%
5337 origin,
5338 },%
5339 % Keywords of class 4 : values of keys (in key=value)
5340 morekeywords=[4]{%
5341 c,
5342 %
5343 },%
5344 % Keywords of class 5 : arguments specifications (after ":" in expl3
5345 % syntax)
5346 morekeywords=[5]{%
5347 },%
5348 % Keywords of class 6 : current package name (and possibly derived
5349 % packages)
5350 morekeywords=[6]{%
5351 coloredbelts%
5352 },%
5353 % otherkeywords={},
5354 % alsoletter={},
5355 % alsodigit={},%
5356 % alsoother={},%
5357 sensitive,%
5358 }[keywords,tex,comments]
5359
5360 \lst@definlanguage[ipsum]{TeX}{%
5361 % Control sequences names
5362 moretexcs={%
5363 ipsum
5364 },%
5365 % Keywords of class 1 : keywords that contain other characters
5366 % (since of the same class as the ones specified as 'otherkeywords')
5367 morekeywords={%
5368 },%
5369 % Keywords of class 2 : environments names
5370 morekeywords=[2]{%
5371 %
```

```

5372 },%
5373 % Keywords of class 3 : mandatory arguments (not environments) &
5374 % optional arguments which are keys (in key=value)
5375 morekeywords=[3]{%
5376 Lang,
5377 },%
5378 % Keywords of class 4 : values of keys (in key=value)
5379 morekeywords=[4]{%
5380 FR,EN
5381 %
5382 },%
5383 % Keywords of class 5 : arguments specifications (after ":" in expl3
5384 % syntax)
5385 morekeywords=[5]{%
5386 },%
5387 % Keywords of class 6 : current package name (and possibly derived
5388 % packages)
5389 morekeywords=[6]{%
5390 ipsum%
5391 },%
5392 % otherkeywords={},
5393 % alsoletter={},
5394 % alsodigit={},%
5395 % alsoother={},%
5396 sensitive,%
5397 }[keywords, tex, comments]
5398
5399 \lst@definelanguage[sim-os-menus]{TeX}{%
5400 % Control sequences names
5401 moretexcs={%
5402 ContextMenu
5403 },%
5404 % Keywords of class 1 : keywords that contain other characters
5405 % (since of the same class as the ones specified as 'otherkeywords')
5406 morekeywords={%
5407 §, >, *
5408 },%
5409 % Keywords of class 2 : environments names
5410 morekeywords=[2]{%
5411 %
5412 },%
5413 % Keywords of class 3 : mandatory arguments (not environments) &
5414 % optional arguments which are keys (in key=value)
5415 morekeywords=[3]{%
5416 Font, ListSeps, ListOffsets
5417 },%
5418 % Keywords of class 4 : values of keys (in key=value)
5419 morekeywords=[4]{%
5420 FR,EN
5421 %
5422 },%
5423 % Keywords of class 5 : arguments specifications (after ":" in expl3

```

```

5424 % syntax)
5425 morekeywords=[5]{%
5426 },%
5427 % Keywords of class 6 : current package name (and possibly derived
5428 % packages)
5429 morekeywords=[6]{%
5430 sim-os-menus%
5431 },%
5432 % otherkeywords={},
5433 % alsoletter={},
5434 % alsodigit={},%
5435 % alsoother={},%
5436 sensitive,%
5437 }[keywords, tex, comments]
5438
5439 \lst@definlanguage[trivialpursuit]{TeX}{%
5440 % Control sequences names
5441 moretexcs={%
5442 PlateauTrivialPursuit
5443 },%
5444 % Keywords of class 1 : keywords that contain other characters
5445 % (since of the same class as the ones specified as 'otherkeywords')
5446 morekeywords={%
5447 },%
5448 % Keywords of class 2 : environments names
5449 morekeywords=[2]{%
5450 },%
5451 },%
5452 % Keywords of class 3 : mandatory arguments (not environments) &
5453 % optional arguments which are keys (in key=value)
5454 morekeywords=[3]{%
5455 Unite
5456 },%
5457 % Keywords of class 4 : values of keys (in key=value)
5458 morekeywords=[4]{%
5459 },%
5460 },%
5461 % Keywords of class 5 : arguments specifications (after ":" in expl3
5462 % syntax)
5463 morekeywords=[5]{%
5464 },%
5465 % Keywords of class 6 : current package name (and possibly derived
5466 % packages)
5467 morekeywords=[6]{%
5468 trivialpursuit%
5469 },%
5470 % otherkeywords={},
5471 % alsoletter={},
5472 % alsodigit={},%
5473 % alsoother={},%
5474 sensitive,%
5475 }[keywords, tex, comments]

```

```
5476
5477 \lst@definlanguage[vectorlogos]{TeX}{%
5478 % Control sequences names
5479 moretexcs={%
5480 simplevectorlogo
5481 },%
5482 % Keywords of class 1 : keywords that contain other characters
5483 % (since of the same class as the ones specified as 'otherkeywords')
5484 morekeywords={%
5485 scratch,cat,texstudio,emacs,geogebra,icon
5486 },%
5487 % Keywords of class 2 : environments names
5488 morekeywords=[2]{%
5489 %
5490 },%
5491 % Keywords of class 3 : mandatory arguments (not environments) &
5492 % optional arguments which are keys (in key=value)
5493 morekeywords=[3]{%
5494 },%
5495 % Keywords of class 4 : values of keys (in key=value)
5496 morekeywords=[4]{%
5497 %
5498 },%
5499 % Keywords of class 5 : arguments specifications (after ":" in expl3
5500 % syntax)
5501 morekeywords=[5]{%
5502 },%
5503 % Keywords of class 6 : current package name (and possibly derived
5504 % packages)
5505 morekeywords=[6]{%
5506 trivialpursuit%
5507 },%
5508 % otherkeywords={},
5509 % alsoletter={},
5510 % alsodigit={},%
5511 % alsoother={},%
5512 sensitive,%
5513 }[keywords, tex, comments]
5514
5515 \lst@definlanguage[thematicpuzzle]{TeX}{%
5516 % Control sequences names
5517 moretexcs={%
5518 PuzzleThemes
5519 },%
5520 % Keywords of class 1 : keywords that contain other characters
5521 % (since of the same class as the ones specified as 'otherkeywords')
5522 morekeywords={%
5523 },%
5524 % Keywords of class 2 : environments names
5525 morekeywords=[2]{%
5526 %
5527 },%
```

```

5528 % Keywords of class 3 : mandatory arguments (not environments) &
5529 % optional arguments which are keys (in key=value)
5530 morekeywords=[3]{%
5531 Echelle,CouleursFond,Labels
5532 },%
5533 % Keywords of class 4 : values of keys (in key=value)
5534 morekeywords=[4]{%
5535 Maths,Histoire,Géo,Chimie
5536 %
5537 },%
5538 % Keywords of class 5 : arguments specifications (after ":" in expl3
5539 % syntax)
5540 morekeywords=[5]{%
5541 },%
5542 % Keywords of class 6 : current package name (and possibly derived
5543 % packages)
5544 morekeywords=[6]{%
5545 thematicpuzzle%
5546 },%
5547 % otherkeywords={},
5548 % alsoletter={},
5549 % alsodigit={},%
5550 % alsoother={},%
5551 sensitive,%
5552 }[keywords,tex,comments]
5553
5554 \lst@definlanguage[fontawesome5]{TeX}{%
5555 % Control sequences names
5556 moretexcs={%
5557 faAngry,faArchway,faAtlas,faAtom
5558 },%
5559 % Keywords of class 1 : keywords that contain other characters
5560 % (since of the same class as the ones specified as 'otherkeywords')
5561 morekeywords={%
5562 },%
5563 % Keywords of class 2 : environments names
5564 morekeywords=[2]{%
5565 %
5566 },%
5567 % Keywords of class 3 : mandatory arguments (not environments) &
5568 % optional arguments which are keys (in key=value)
5569 morekeywords=[3]{%
5570
5571 },%
5572 % Keywords of class 4 : values of keys (in key=value)
5573 morekeywords=[4]{%
5574
5575 %
5576 },%
5577 % Keywords of class 5 : arguments specifications (after ":" in expl3
5578 % syntax)
5579 morekeywords=[5]{%

```



```
5580 },%
5581 % Keywords of class 6 : current package name (and possibly derived
5582 % packages)
5583 morekeywords=[6]{%
5584 fontawesome5%
5585 },%
5586 % otherkeywords={},
5587 % alsoletter={},
5588 % alsodigit={},%
5589 % alsoother={},%
5590 sensitive,%
5591 }[keywords, tex, comments]
5592
5593 \lst@definlanguage[pictochrono]{TeX}{%
5594 % Control sequences names
5595 moretexcs={%
5596 pictochrono
5597 },%
5598 % Keywords of class 1 : keywords that contain other characters
5599 % (since of the same class as the ones specified as 'otherkeywords')
5600 morekeywords={%
5601 },%
5602 % Keywords of class 2 : environments names
5603 morekeywords=[2]{%
5604 %
5605 },%
5606 % Keywords of class 3 : mandatory arguments (not environments) &
5607 % optional arguments which are keys (in key=value)
5608 morekeywords=[3]{%
5609 Delta, Color, ColTime
5610 },%
5611 % Keywords of class 4 : values of keys (in key=value)
5612 morekeywords=[4]{%
5613 %
5614 },%
5615 % Keywords of class 5 : arguments specifications (after ":" in expl3
5616 % syntax)
5617 morekeywords=[5]{%
5618 },%
5619 % Keywords of class 6 : current package name (and possibly derived
5620 % packages)
5621 morekeywords=[6]{%
5622 pictochrono%
5623 },%
5624 % otherkeywords={},
5625 % alsoletter={},
5626 % alsodigit={},%
5627 % alsoother={},%
5628 sensitive,%
5629 }[keywords, tex, comments]
5630
5631
```

```

5632 \lst@definlanguage[pynotebook]{TeX}{%
5633 % Control sequences names
5634 moretexcs={%
5635 },%
5636 % Keywords of class 1 : keywords that contain other characters
5637 % (since of the same class as the ones specified as 'otherkeywords')
5638 morekeywords={%
5639 flush,right
5640 },%
5641 % Keywords of class 2 : environments names
5642 morekeywords=[2]{%
5643 NotebookMarkdown,NotebookIn,NotebookOut
5644 %
5645 },%
5646 % Keywords of class 3 : mandatory arguments (not environments) &
5647 % optional arguments which are keys (in key=value)
5648 morekeywords=[3]{%
5649
5650 },%
5651 % Keywords of class 4 : values of keys (in key=value)
5652 morekeywords=[4]{%
5653 %
5654 },%
5655 % Keywords of class 5 : arguments specifications (after ":" in expl3
5656 % syntax)
5657 morekeywords=[5]{%
5658 },%
5659 % Keywords of class 6 : current package name (and possibly derived
5660 % packages)
5661 morekeywords=[6]{%
5662 pictochrono%
5663 },%
5664 % otherkeywords={},
5665 % alsoletter={},
5666 % alsodigit={},%
5667 % alsoother={},%
5668 sensitive,%
5669 }[keywords, tex, comments]
5670
5671 \lst@definlanguage[minimpp]{TeX}{%
5672 % Control sequences names
5673 moretexcs={%
5674 directmetapost,newmetapostenvironment
5675 },%
5676 % Keywords of class 1 : keywords that contain other characters
5677 % (since of the same class as the ones specified as 'otherkeywords')
5678 morekeywords={%
5679 },%
5680 % Keywords of class 2 : environments names
5681 morekeywords=[2]{%
5682 metapost,
5683 %

```

```
5684 },%
5685 % Keywords of class 3 : mandatory arguments (not environments) &
5686 % optional arguments which are keys (in key=value)
5687 morekeywords=[3]{%
5688 mathmode,
5689 },%
5690 % Keywords of class 4 : values of keys (in key=value)
5691 morekeywords=[4]{%
5692 double,
5693 %
5694 },%
5695 % Keywords of class 5 : arguments specifications (after ":" in expl3
5696 % syntax)
5697 morekeywords=[5]{%
5698 },%
5699 % Keywords of class 6 : current package name (and possibly derived
5700 % packages)
5701 morekeywords=[6]{%
5702 minim-mp%
5703 },%
5704 % otherkeywords={},
5705 % alsoletter={},
5706 % alsodigit={},%
5707 % alsoother={},%
5708 sensitive,%
5709 }[keywords, tex, comments]
5710
5711 \lst@definelanguage[rpgicons]{TeX}{%
5712 % Control sequences names
5713 moretexcs={%
5714 ability, saving, spellschool, die
5715 },%
5716 % Keywords of class 1 : keywords that contain other characters
5717 % (since of the same class as the ones specified as 'otherkeywords')
5718 morekeywords={%
5719 },%
5720 % Keywords of class 2 : environments names
5721 morekeywords=[2]{%
5722 %
5723 %
5724 },%
5725 % Keywords of class 3 : mandatory arguments (not environments) &
5726 % optional arguments which are keys (in key=value)
5727 morekeywords=[3]{%
5728 positive,
5729 },%
5730 % Keywords of class 4 : values of keys (in key=value)
5731 morekeywords=[4]{%
5732 %
5733 },%
5734 % Keywords of class 5 : arguments specifications (after ":" in expl3
5735 % syntax)
```

```

5736 morekeywords=[5]{%
5737 },%
5738 % Keywords of class 6 : current package name (and possibly derived
5739 % packages)
5740 morekeywords=[6]{%
5741 rpgicons
5742 },%
5743 % otherkeywords={},
5744 % alsoletter={},
5745 % alsodigit={},%
5746 % alsoother={},%
5747 sensitive,%
5748 }[keywords, tex, comments]
5749
5750 \lst@definlanguage[tkz-grapheur]{TeX}{%
5751 % Control sequences names
5752 moretexcs={%
5753 TracerAxesGrilles, DéfinirCourbe, ReprésenterMethodeIntegrale,
5754 },%
5755 % Keywords of class 1 : keywords that contain other characters
5756 % (since of the same class as the ones specified as 'otherkeywords')
5757 morekeywords={%
5758 },%
5759 % Keywords of class 2 : environments names
5760 morekeywords=[2]{%
5761 GraphiqueTikz,
5762 },%
5763 % Keywords of class 3 : mandatory arguments (not environments) &
5764 % optional arguments which are keys (in key=value)
5765 morekeywords=[3]{%
5766 auto, x, y, Xmin, Xmax, Xgrille, Xgrilles, Ymin, Ymax, Ygrille, Ygrilles, Elargir,
5767 Couleur, Nom, Debut, Fin, Trace
5768 },%
5769 % Keywords of class 4 : values of keys (in key=value)
5770 morekeywords=[4]{%
5771 },%
5772 % Keywords of class 5 : arguments specifications (after ":" in expl3
5773 % syntax)
5774 morekeywords=[5]{%
5775 },%
5776 % Keywords of class 6 : current package name (and possibly derived
5777 % packages)
5778 morekeywords=[6]{%
5779 tkz-grapheur
5780 },%
5781 % otherkeywords={},
5782 % alsoletter={},
5783 % alsodigit={},%
5784 % alsoother={},%
5785 sensitive,%
5786

```

```
5787 }[keywords, tex, comments]
5788
5789 \lst@definlanguage[xint-regression]{TeX}{%
5790 % Control sequences names
5791 moretexcs={%
5792 xintcubreg, cubrega, cubregb, cubregc, cubregd
5793 },%
5794 % Keywords of class 1 : keywords that contain other characters
5795 % (since of the same class as the ones specified as 'otherkeywords')
5796 morekeywords={%
5797 },%
5798 % Keywords of class 2 : environments names
5799 morekeywords=[2]{%
5800 %
5801 },%
5802 % Keywords of class 3 : mandatory arguments (not environments) &
5803 % optional arguments which are keys (in key=value)
5804 morekeywords=[3]{%
5805 auto, round
5806 },%
5807 % Keywords of class 4 : values of keys (in key=value)
5808 morekeywords=[4]{%
5809 %
5810 },%
5811 % Keywords of class 5 : arguments specifications (after ":" in expl3
5812 % syntax)
5813 morekeywords=[5]{%
5814 },%
5815 % Keywords of class 6 : current package name (and possibly derived
5816 % packages)
5817 morekeywords=[6]{%
5818 xint-regression
5819 },%
5820 % otherkeywords={},
5821 % alsoletter={},
5822 % alsodigit={},%
5823 % alsoother={},%
5824 sensitive,%
5825 }[keywords, tex, comments]
5826
5827 \lst@definlanguage[euromoney]{TeX}{%
5828 % Control sequences names
5829 moretexcs={%
5830 PiecesEuro,
5831 },%
5832 % Keywords of class 1 : keywords that contain other characters
5833 % (since of the same class as the ones specified as 'otherkeywords')
5834 morekeywords={%
5835 },%
5836 % Keywords of class 2 : environments names
5837 morekeywords=[2]{%
5838 %
```

```

5839 },%
5840 % Keywords of class 3 : mandatory arguments (not environments) &
5841 % optional arguments which are keys (in key=value)
5842 morekeywords=[3]{%
5843 Empilage,HauteurRef,HauteurAuto,Style
5844 },%
5845 % Keywords of class 4 : values of keys (in key=value)
5846 morekeywords=[4]{%
5847 V,full
5848 %
5849 },%
5850 % Keywords of class 5 : arguments specifications (after ":" in expl3
5851 % syntax)
5852 morekeywords=[5]{%
5853 },%
5854 % Keywords of class 6 : current package name (and possibly derived
5855 % packages)
5856 morekeywords=[6]{%
5857 euromoney
5858 },%
5859 % otherkeywords={},
5860 % alsoletter={},
5861 % alsodigit={},%
5862 % alsoother={},%
5863 sensitive,%
5864 }[keywords, tex, comments]
5865
5866 \lst@definlanguage[luacode]{TeX}{%
5867 % Control sequences names
5868 moretexcs={%
5869 luadirect, luaexec, luastring, luastringN, luastringO, LuaCodeDebugOn, %
5870 LuaCodeDebugOff
5871 },%
5872 % Keywords of class 1 : keywords that contain other characters
5873 % (since of the same class as the ones specified as 'otherkeywords')
5874 morekeywords={%
5875 },%
5876 % Keywords of class 2 : environments names
5877 morekeywords=[2]{%
5878 luacode*,
5879 %
5880 },%
5881 % Keywords of class 3 : mandatory arguments (not environments) &
5882 % optional arguments which are keys (in key=value)
5883 morekeywords=[3]{%
5884 },%
5885 % Keywords of class 4 : values of keys (in key=value)
5886 morekeywords=[4]{%
5887 %
5888 },%
5889 % Keywords of class 5 : arguments specifications (after ":" in expl3
5890 % syntax)

```

```

5891 morekeywords=[5]{%
5892 },%
5893 % Keywords of class 6 : current package name (and possibly derived
5894 % packages)
5895 morekeywords=[6]{%
5896 % luacode
5897 },%
5898 % otherkeywords={},
5899 alsoletter={*},
5900 % alsodigit={},%
5901 % alsoother={},%
5902 sensitive,%
5903 }[keywords, tex, comments]
5904
5905 \lst@definlanguage[overlock]{TeX}{%
5906 % Control sequences names
5907 moretexcs={%
5908 },%
5909 % Keywords of class 1 : keywords that contain other characters
5910 % (since of the same class as the ones specified as 'otherkeywords')
5911 morekeywords={%
5912 },%
5913 % Keywords of class 2 : environments names
5914 morekeywords=[2]{%
5915 },%
5916 % Keywords of class 3 : mandatory arguments (not environments) &
5917 % optional arguments which are keys (in key=value)
5918 morekeywords=[3]{%
5919 sfdefault, type1%
5920 },%
5921 % Keywords of class 4 : values of keys (in key=value)
5922 morekeywords=[4]{%
5923 },%
5924 % Keywords of class 5 : arguments specifications (after ":" in expl3
5925 % syntax)
5926 morekeywords=[5]{%
5927 },%
5928 % Keywords of class 6 : current package name (and possibly derived
5929 % packages)
5930 morekeywords=[6]{%
5931 overlock%
5932 },%
5933 % otherkeywords={},
5934 alsoletter={1},
5935 % alsodigit={},%
5936 % alsoother={},%
5937 sensitive,%
5938 }[keywords, tex, comments]
5939
5940 \lst@definlanguage[mathastext]{TeX}{%
5941 % Control sequences names
5942 moretexcs={%

```

```

5943 },%
5944 % Keywords of class 1 : keywords that contain other characters
5945 % (since of the same class as the ones specified as 'otherkeywords')
5946 morekeywords={%
5947 },%
5948 % Keywords of class 2 : environments names
5949 morekeywords=[2]{%
5950 },%
5951 % Keywords of class 3 : mandatory arguments (not environments) &
5952 % optional arguments which are keys (in key=value)
5953 morekeywords=[3]{%
5954 italic,LGRgreek%
5955 },%
5956 % Keywords of class 4 : values of keys (in key=value)
5957 morekeywords=[4]{%
5958 },%
5959 % Keywords of class 5 : arguments specifications (after ":" in expl3
5960 % syntax)
5961 morekeywords=[5]{%
5962 },%
5963 % Keywords of class 6 : current package name (and possibly derived
5964 % packages)
5965 morekeywords=[6]{%
5966 mathastext%
5967 },%
5968 % otherkeywords={},
5969 % alsoletter={},
5970 % alsodigit={},%
5971 % alsoother={},%
5972 sensitive,%
5973 }[keywords,tex,comments]
5974
5975 \lst@definlanguage[noto-mono]{TeX}{%
5976 % Control sequences names
5977 moretexcs={%
5978 },%
5979 % Keywords of class 1 : keywords that contain other characters
5980 % (since of the same class as the ones specified as 'otherkeywords')
5981 morekeywords={%
5982 },%
5983 % Keywords of class 2 : environments names
5984 morekeywords=[2]{%
5985 },%
5986 % Keywords of class 3 : mandatory arguments (not environments) &
5987 % optional arguments which are keys (in key=value)
5988 morekeywords=[3]{%
5989 scale%
5990 },%
5991 % Keywords of class 4 : values of keys (in key=value)
5992 morekeywords=[4]{%
5993 },%
5994 % Keywords of class 5 : arguments specifications (after ":" in expl3

```



```

5995 % syntax)
5996 morekeywords=[5]{%
5997 },%
5998 % Keywords of class 6 : current package name (and possibly derived
5999 % packages)
6000 morekeywords=[6]{%
6001 noto-mono%
6002 },%
6003 % otherkeywords={},
6004 alsoletter={-},
6005 % alsodigit={},%
6006 alsoother={-},%
6007 sensitive,%
6008 }[keywords, tex, comments]
6009
6010 \lst@definlanguage[metalogox]{TeX}{%
6011 % Control sequences names
6012 moretexcs={%
6013 },%
6014 % Keywords of class 1 : keywords that contain other characters
6015 % (since of the same class as the ones specified as 'otherkeywords')
6016 morekeywords={%
6017 },%
6018 % Keywords of class 2 : environments names
6019 morekeywords=[2]{%
6020 },%
6021 % Keywords of class 3 : mandatory arguments (not environments) &
6022 % optional arguments which are keys (in key=value)
6023 morekeywords=[3]{%
6024 },%
6025 % Keywords of class 4 : values of keys (in key=value)
6026 morekeywords=[4]{%
6027 },%
6028 % Keywords of class 5 : arguments specifications (after ":" in expl3
6029 % syntax)
6030 morekeywords=[5]{%
6031 },%
6032 % Keywords of class 6 : current package name (and possibly derived
6033 % packages)
6034 morekeywords=[6]{%
6035 metalogox%
6036 },%
6037 % otherkeywords={},
6038 % alsoletter={},
6039 % alsodigit={},%
6040 % alsoother={},%
6041 sensitive,%
6042 }[keywords, tex, comments]
6043
6044 \lstdefinlanguage[extLaTeX]{TeX}[LaTeX]{TeX}{%
6045 deletekeywords={%
6046 array, center, displaymath, document, enumerate, eqnarray, %

```

```

6047 equation, flushleft, flushright, itemize, list, lrbox, math, minipage, %
6048 picture, sloppypar, tabbing, tabular, trivlist, verbatim, %
6049 },
6050 moretexcs={%
6051 @pnumwidth, AA, AE, AddToHook, AddToHookNext, AddToHookNextWithArguments
6052 , %
6053 AddToHookWithArguments, Alph, Arccos, Arcsin, Arrowvert, AtBeginDocument
6054 , %
6055 AtBeginDvi, AtEndDocument, AtEndDvi, AtEndOfClass, AtEndOfPackage, Bbbk,
6056 Box, %
6057 Bumpeq, Cap, CheckCommand, Circpipe, ClassError, ClassInfo,
6058 ClassInfoNoLine, %
6059 ClassWarning, ClassWarningNoLine, Cup, CurrentOption, DH, DJ, %
6060 DeclareDocumentCommand, DeclareDocumentEnvironment,
6061 DeclareFontEncoding, %
6062 DeclareGraphicsExtensions, DeclareGraphicsRule, DeclareMathOperator, %
6063 DeclareOldFontCommand, DeclareOption, DeclareRobustCommand,
6064 DeclareTextAccent, %
6065 DeclareTextAccentDefault, DeclareTextCommand,
6066 DeclareTextCommandDefault, %
6067 DeclareTextComposite, DeclareTextCompositeCommand, DeclareTextSymbol,
6068 %
6069 DeclareTextSymbolDefault, DelayedShellEscape, Delta, Diamond,
6070 DocumentMetadata, %
6071 Downarrow, ExecuteOptions, FallingEdge, Finv, FrenchFootnotes,
6072 FrenchLabelItem, %
6073 Game, Gamma, Huge, IJ, IfBeginWith, IfBooleanF, IfBooleanT, IfBooleanTF, %
6074 IfFileExists, IfNoValueF, IfNoValueT, IfNoValueTF, IfValueF, IfValueT, %
6075 IfValueTF, Im, InputIfFileExists, Join, LARGE, LTXtable, LaTeX, LaTeXE,
6076 Lambda, %
6077 Large, LastDeclaredEncoding, Leftarrow, Leftrightarrow, Lefttorque,
6078 Lineload, %
6079 Lleftarrow, LoadClass, LoadClassWithOptions, LongPulseHigh,
6080 LongPulseLow, %
6081 Longleftarrow, Longleftrightarrow, Longrightarrow, Lsh, MakeRobust, %
6082 MakeUppercase, MessageBreak, NEWLINE, NG, NeedsTeXFormat, NewCommandCopy
6083 , %
6084 NewDocumentCommand, NewDocumentEnvironment, NewPairedDelimiter, OE,
6085 Omega, %
6086 OptionNotUsed, PackageError, PackageInfo, PackageInfoNoLine,
6087 PackageWarning, %
6088 PackageWarningNoLine, PassOptionsToClass, PassOptionsToPackage, Phi, Pi
6089 , Pr, %
6090 ProcessOptions, ProvideDocumentCommand, ProvideDocumentEnvironment, %
6091 ProvideTextCommand, ProvideTextCommandDefault, ProvidesClass,
6092 ProvidesFile, %
6093 ProvidesPackage, Psi, PulseHigh, PulseLow, RaisingEdge, Re, %
6094 RenewDocumentCommand, RenewDocumentEnvironment, RequirePackage, %
6095 RequirePackageWithOptions, Rightarrow, Roman, Rsh, SPACE, SS,
6096 SetWatermarkColor, %
6097 ShellEscape, ShortPulseHigh, ShortPulseLow, ShowCommand, Sigma, Subset,
6098 Supset, %

```

6079 TAB, TH, TeX, TextOrMath, TextSymbolUnavailable, Theta, TopMark,  
 TrimSpaces, %  
 6080 Ucharcat, Umathcode, UndeclareTextCommand, UnicodeEncodingName,  
 UnicodeFontFile, %  
 6081 UnicodeFontName, UnicodeFontTeXLigatures, UnusedTemplateKeys, Uparrow,  
 %  
 6082 Updownarrow, Upsilon, UseExpandableTaggingSocket, UseHook,  
 UseHookWithArguments, %  
 6083 UseInstance, UseLegacyTextSymbols, UseName, UseOneTimeHook, %  
 6084 UseOneTimeHookWithArguments, UseRawInputEncoding, UseSocket,  
 UseTaggingSocket, %  
 6085 UseTemplate, UseTextAccent, UseTextSymbol, Vdash, Vert, Vvdash, XeLaTeX, %  
 6086 XeTeXcharclass, XeTeXcharclassCL, XeTeXcharclassCM, XeTeXcharclassEX, %  
 6087 XeTeXcharclassID, XeTeXcharclassIS, XeTeXcharclassNS, XeTeXcharclassOP  
 , %  
 6088 XeTeXcharglyph, XeTeXdashbreakstate, XeTeXdefaultencoding, XeTeXglyph,  
 %  
 6089 XeTeXinputencoding, XeTeXintercharclasses, XeTeXinterchartoks,  
 XeTeXmathcode, %  
 6090 XeTeXrevision, XeTeXuseglyphmetrics, XeTeXversion, Xi, aa,  
 abovcaptionskip, %  
 6091 abovedisplayshortskip, abovedisplayskip, abs, abs\*, abstractname, accent  
 , acute, %  
 6092 addcontentsline, address, addto, addtocontents, addtocontents,  
 addtocounter, %  
 6093 addtolength, addvspace, ae, aleph, allsectionsfont, alph, alpha, alsoname,  
 %  
 6094 amalg, and, angle, angstrom, appendix, appendixname, appendixname, approx,  
 %  
 6095 approxeq, aptocmd, arabic, arccos, arcsin, arctan, arg, arraycolsep, %  
 6096 arrayrulewidth, arraystretch, arrowvert, ascnode, ast, astrosun, asymp,  
 author, %  
 6097 backepsilon, backmatter, backsim, backsimeq, backslash, bar, barwedge, %  
 6098 baselineskip, baselinestretch, because, begin, belowcaptionskip, %  
 6099 belowdisplayshortskip, belowdisplayskip, beta, beth, between, bf,  
 bfdefault, %  
 6100 bfseries, bibdata, bibindent, bibitem, bibliography, bibliographystyle,  
 bibname, %  
 6101 bibname, bibstyle, bigbreak, bigcap, bigcirc, bigcup, bigl, bigodot,  
 bigoplus, %  
 6102 bigotimes, bigr, bigskip, bigskipamount, bigscup, bigstar,  
 bigtriangledown, %  
 6103 bigtriangleup, biguplus, bigvee, bigwedge, blacklozenge, blacksquare, %  
 6104 blacktriangle, blacktriangledown, blacktriangleleft,  
 blacktriangleright, bm, %  
 6105 bmdefine, bmod, boal, boldmath, bookmarksetup, bot, botmark,  
 bottomfraction, %  
 6106 bottomrule, bowtie, boxdot, boxminus, boxplus, boxtimes, bracevert, brc,  
 breve, %  
 6107 brk, brokenpenalty, bullet, bumpeq, cal, cap, capitalacute, capitalbreve, %  
 6108 capitalcaron, capitalcedilla, capitalcircumflex, capitaldieresis, %  
 6109 capitaldotaccent, capitalgrave, capitalhungarumlaut, capitalmacron, %

6110 capitalnewtie, capitalogonek, capitalring, capitaltie, capitaltilde,  
 caption, %  
 6111 captionsenglish, captionsfrench, **cc**, cdot, cdots, centerdot, centering,  
 cfoot, %  
 6112 chapter, chapterfont, chaptermark, chaptername, chead, check, chi, circ,  
 circeq, %  
 6113 circle, circlearrowleft, circlearrowright, circledR, circledS,  
 circledast, %  
 6114 circledcirc, circleddash, citation, cite, citealp, citealt, citeauthor, %  
 6115 citeleft, citep, citeright, citet, citeyear, citeyearpar, cleardoublepage  
 , %  
 6116 clearpage, clearpage, cline, closein, closeout, closing, clubpenalty,  
 clubsuit, %  
 6117 colon, color, colorbox, columnsep, columnseprule, columnwidth, compl, %  
 6118 complement, cong, contentsline, contentsname, coprod, copyright, cos, cosh  
 , cot, %  
 6119 coth, cprotEnv, cprotect, csc, cup, curlyeqprec, curlyeqsucc, curlyvee, %  
 6120 curlywedge, currenttime, curvearrowleft, curvearrowright, dag, dagger,  
 daleth, %  
 6121 dashbox, dashleftarrow, dashrightarrow, dashv, date, day, dbend, %  
 6122 dblfloatpagefraction, dblfloatsep, dbltextfloatsep, dbltopfraction, %  
 6123 dbltopnumber, dd, ddag, ddagger, dddot, dddot, ddot, ddots, def, deg, delta,  
 %  
 6124 descnode, descriptionlabel, det, detect-all, dfrac, dh, diamond,  
 diamondsuit, %  
 6125 dim, ding, dingfill, dingline, displaystyle, displaywidowpenalty, div, %  
 6126 divideontimes, dj, documentclass, dot, doteq, doteqdot, dotfill, dotplus,  
 dots, %  
 6127 dotsb, dotsc, dotsi, doublebarwedge, doublerulesep, doublespace,  
 doublespacing, %  
 6128 downarrow, downdownarrows, downharpoonleft, downharpoonright, dplan,  
 ds@option, %  
 6129 earth, ell, email, emblema, emph, emptyset, encl, end, endcsname, endinput, %  
 6130 endlinedchar, endquotation, endtitlepage, enlargethispage, enspace,  
 entiere, %  
 6131 enumi, enumii, enumiii, enumiv, environments: , epsilon, eqcirc, eqref, %  
 6132 eqslantgtr, eqslantless, equiv, escapechar, eta, eth, euro, evensidemargin  
 , %  
 6133 exists, exp, expandafter, expo, externaldocument, extracolsep,  
 fallingdotseq, %  
 6134 fax, fbox, fboxrule, fboxsep, fcolorbox, figurename, fill, flat, %  
 6135 floatpagefraction, floatsep, flushbottom, fnsymbol, fontdimen,  
 fontencoding, %  
 6136 fontfamily, fontseries, fontshape, fontsize, footins, footnote,  
 footnotemark, %  
 6137 footnoterule, footnoterule, footnotesep, footnotesize, footnotetext, %  
 6138 footrulewidth, footskip, forall, frac, frame, framebox, frenchspacing, %  
 6139 frontmatter, frown, fullmoon, fussy, gamma, gcd, ge, geometry, geq, geqq, %  
 6140 geqslant, gets, gg, ggg, gimel, gnapprox, gneq, gneqq, gnsim, %  
 6141 grad, graphicpath, graphicspath, **graphpaper**, grave, gtrapprox, gtrdot, %  
 6142 gtreqless, gtreqqlless, gtrless, gtrsim, guillemetleft, guillemetright, %  
 6143 guillemotleft, guillemotright, guilsinglleft, guilsinglright, gvertneqq

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, hat, %
6144 hbar, hdotsfor, headheight, headrulewidth, headsep, heartsuit, hfill, hl,
hline, %
6145 hom, hookleftarrow, hookrightarrow, hour, hphantom, href, hrulefill, hsize
, %
6146 hslash, hspace, hss, huge, , hyphenation, %
6147 idotsint, ieme, iemes, ier, iere, ieres, iers, ifcsname, iff, ifx,
ignorespaces, %
6148 ignorespacesafterend, iiiint, iiint, iint, ij, imath, immediatewrite, in, %
6149 include, includegraphics, includeonly, indent, index, indexentry,
indexname, %
6150 indexname, indexspace, inf, infty, input, inputencoding, int, intercal, %
6151 interlinepenalty, intertext, intextsep, iota, it, item, item, itemindent, %
6152 itemsep, itshape, jmath, jobname, jot, joule, jupiter, kappa, ker, kill, kilo
, %
6153 lVert, label, labelenumi, labelenumii, labelenumiii, labelenumiv,
labelitemfont, %
6154 labelitemi, labelitemii, labelitemiii, labelitemiv, labelsep, labelwidth
, %
6155 lambda, land, langle, large, large, lbrace, lbrack, lceil, ldots, le, leadsto
, %
6156 left, leftarrow, leftarrowtail, lefteqn, lefttharpoon, lefttharpoonup,
%
6157 leftleftarrows, leftmargin, leftmargini, leftmarginii, leftmarginiii, %
6158 leftmarginiv, leftmarginv, leftmarginvi, leftmoon, %
6159 leftrightarrow, leftrightarrows, leftrightarpoons,
leftrightsquigarrow, %
6160 leftskip, leftthreetimes, leq, leqq, leqqeq, leqqeq*, leqq, leqslant, lessapprox
, %
6161 lessdot, lesseqgtr, lesseqqgtr, lessgtr, lesssim, lfloor, lfoot, lg, lgroup
, %
6162 lhd, lhead, lieu, lim, liminf, limsup, line, linebreak, lineskip,
lineskiplimit, %
6163 linespread, linethickness, linewidth, lipsum, listfigurename,
listoffigures, %
6164 listoftables, listparindent, listtablename, listtheorems, ll, lll, llnorm
, %
6165 llnorm*, lmoustache, ln, lnapprox, lneq, lneqq, lnorm, lnorm*, lnot, lnsim, %
6166 loadglsentries, location, log, long, longleftarrow, longleftrightarrow, %
6167 longmapsto, longrightarrow, looparrowleft, looparrowright, lor, lozenge,
lpnorm, %
6168 lpnorm*, lq, lrangle, lrangle*, lstinline, lstininputlisting,
lstlistingname, %
6169 lstlistoflistings, lstset, ltimes, lvert, lvertneqq, mainmatter,
makeatother, %
6170 makebox, makeglossary, makeindex, makelabel, makelabels, maketitle,
mapsto, %
6171 marginpar, marginparpush, marginparsep, marginparwidth, margins,
marginsep, %
6172 markboth, markright, mars, mathbb, mathbf, mathcal, mathdollar,
mathellipsis, %
6173 mathfrak, mathit, mathnormal, mathparagraph, mathring, mathrm, mathscr, %

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6174 mathsection,mathsf,mathsterling,mathstrut,mathtt,mathunderscore,%  
 6175 mathversion,max,maxdepth,mbox,mdseries,meaning,measuredangle,  
 medbreak,%  
 6176 medskip,medskipamount,medspace,mercury,message,meter,metre,mho,  
 micro,%  
 6177 mid,midrule,min,mit,models,month,mp,mu,multicolumn,multimap,  
 multipt,%  
 6178 multirow,nLeftarrow,nLeftrightarrow,nrightarrow,nVDash,nabla,name,  
 nano,%  
 6179 natu,natural,ncong,ne,nearrow,neg,negmedspace,negthickspace,%  
 6180 negthinspace,neptune,neq,newblock,newcommand,newcounter,  
 newenvironment,%  
 6181 newfont,newframedtheorem,newglossaryentry,newif,newlength,newline,%  
 6182 newlinechar,newmoon,newpage,newrobustcmd,newsavebox,  
 newshadedtheorem,%  
 6183 newtagform,newtheorem,newtie,newwrite,nexists,ng,ngeq,ngeqq,  
 ngeqslant,%  
 6184 ngtr,ni,nleftarrow,nleftrightarrow,nleq,nleqq,nleqslant,nless,nmid,  
 no,%  
 6185 nobreakspace,nocite,nocorr,nocorrlist,noexpand,nofax,nofiles,  
 noindent,%  
 6186 nolieu,nolinebreak,nombre,nonfrenchspacing,number,nopagebreak,  
 norm,%  
 6187 norm\*,normalfont,normallineskip,normalmarginpar,normalsfcodes,  
 normalsize,%  
 6188 not,notag,notelephone,notin,nparallel,nprec,npreceq,nrightarrow,%  
 6189 nshortmid,nshortparallel,nsim,nsubseteq,nsucc,nsucceq,nsupseteq,%  
 6190 nsupseteqq,ntriangleleft,ntrianglelefteq,ntriangleright,  
 ntrianglerighteq,%  
 6191 nu,num,numberline,nvDash,nvdash,nwarrow,obeycr,oddsidemargin,odot,  
 oe,%  
 6192 ohm,oint,oldstylenums,omega,ominus,onecolumn,onehalfspace,  
 onehalfspacing,%  
 6193 openin,opening,openout,oplus,oslash,otimes,oval,overbrace,  
 overfullrule,%  
 6194 overleftarrow,overleftrightarrow,overline,overrightarrow,overset,  
 owns,%  
 6195 pagebreak,pagcolor,pagename,pag numbering,pageref,pagestyle,%  
 6196 panelfullscreenname,panelhomepagename,paperheight,paperwidth,par,  
 paragraph,%  
 6197 paragraphmark,parallel,parbox,parindent,parsep,parskip,part,  
 %  
 6198 partial,partname,partname,partopsep,patchcmd,pdfobjcompresslevel,%  
 6199 pdfpageheight,pdfpagewidth,per,perp,phantom,phi,pi,pico,pitchfork,%  
 6200 pluto,pm,pmod,poptabs,postdisplaypenalty,pounds,prec,precapprox,%  
 6201 preccurlyeq,preceq,precnapprox,precneqq,precnsim,precsim,%  
 6202 predisdisplaypenalty,preelle,pretocmd,prevdepth,prime,printglossaries,  
 %  
 6203 printindex,prod,proofname,propto,protect,protected,protected@write,  
 %  
 6204 providecommand,providerobustcmd,prt,prt\*,ps,psi,pushtabs,put,  
 qbezier,%

6205 quad, qty, quad, quotedblbase, quotesinglbase, rVert, raggedbottom,  
 raggedleft, %  
 6206 raggedright, raisebox, rangle, rbrace, rbrack, rceil, read, reels, ref, %  
 6207 reflectbox, refname, refname, refstepcounter, rela, relax, renewcommand, %  
 6208 renewcommand\*, renewenvironment, renewrobustcmd, resizebox, restorecr, %  
 6209 restriction, revemptyset, reversemarginpar, rfloor, rfoot, rgroup, rhd,  
 rhead, %  
 6210 rho, right, rightarrow, rightarrowtail, rightharpoondown, rightharpoonup  
 , %  
 6211 rightharpoons, rightleftarrows, rightleftharpoons, rightmargin, rightmoon,  
 rightrightarrows, %  
 6212 rightsquigarrow, righthreetimes, risingdotseq, rm, rmfamily, rmoustache  
 , roman, %  
 6213 rotatebox, rq, rtimes, rule, rvert, samepage, saturn, savebox, sbox, sc, %  
 6214 scalebox, scantokens, screensize, scriptscriptstyle, scriptsize,  
 scriptstyle, %  
 6215 scshape, searrow, sec, second, section, sectionfont, sectionmark, seename,  
 %  
 6216 selectfont, setcounter, setdescription, setenumerate, sethlcolor,  
 setitemize, %  
 6217 setlength, setlist, setminus, setstretch, settodepth, settoheight,  
 settowidth, %  
 6218 sf, sffamily, shadecolor, shadowbox, sharp, shipout, shorthandoff,  
 shorthandon, %  
 6219 shortmid, shortparallel, shortstack, shoveleft, shoveright, sideset,  
 sigma, %  
 6220 signature, sim, simeq, sin, singlespacing, sinh, sisetuptheoremheaderfont  
 , sl, %  
 6221 slash, sloppy, slshape, small, smallbreak, smallfrown, smallint,  
 smallsetminus, %  
 6222 smallskip, smallskipamount, smallsmile, smile, space, spacefactor,  
 spadesuit, %  
 6223 sphericalangle, sqcap, sqcup, sqrt, sqsubset, sqsubseq, sqsupset,  
 sqsupseteq, %  
 6224 square, ss, stackrel, star, stepcounter, stop, stretch, strut, subequations  
 , %  
 6225 subitem, subparagraph, subparagraphmark, subsection, subsectionfont, %  
 6226 subsectionmark, subset, subseq, subseq, subseq, subseq,  
 substack, %  
 6227 subsubitem, subsubsection, subsubsectionmark, succ, succapprox,  
 succurlyeq, %  
 6228 succeq, succnapprox, succneq, succnsim, succsim, sum, sup, supnorm,  
 supnorm\*, %  
 6229 suppressfloats, supset, supseq, supseq, supsetneq, supsetneqq, surd,  
 %  
 6230 swarrow, symbf, symbfit, symbol, tabbingsep, tabcolsep, tablename, %  
 6231 tableofcontents, tag, tan, tanh, tau, telephone, text, textacutedbl, %  
 6232 textascendercompwordmark, textasciicircum, textasciibreve,  
 textasciicaron, %  
 6233 textasciicircum, textasciidieresis, textasciigrave, textasciimacron, %  
 6234 textasciitilde, textasteriskcentered, textbackslash, textbaht, textbar,  
 %

6235       textbardbl, textbf, textbigcircle, textblank, textborn, textbraceleft, %  
 6236       textbraceright, textbrokenbar, textbullet, textcapitalcompwordmark,  
 textcelsius, %  
 6237       textcent, textcentoldstyle, textcircled, textcircledP,  
 textcolonmonetary, %  
 6238       textcolor, textcommaabove, textcommabelow, textcompsubstdefault, %  
 6239       textcompwordmark, textcopyleft, textcopyright, textcurrency, textdagger  
 , %  
 6240       textdaggerdbl, textdbend, textdblhyphen, textdblhyphenchar, textdegree,  
 %  
 6241       textdied, textdiscount, textdiv, textdivorced, textdollar,  
 textdollaroldstyle, %  
 6242       textdong, textdownarrow, texteightoldstyle, textellipsis, textemdash, %  
 6243       textendash, textestimated, texteuro, textexclamdown, textfiguredash, %  
 6244       textfiveoldstyle, textfloatsep, textflorin, textfont, textfouroldstyle,  
 %  
 6245       textfraction, textfractionsolidus, textgravedbl, textgreater,  
 textguarani, %  
 6246       textheight, texthorizontalbar, texthyphen, texthyphenchar, textindent, %  
 6247       textinterrobang, textinterrobangdown, textit, textlangle, textlbrace, %  
 6248       textlbrackdbl, textleaf, textleftarrow, textlegacyasteriskcentered, %  
 6249       textlegacybardbl, textlegacybullet, textlegacydagger,  
 textlegacydaggerdbl, %  
 6250       textlegacyparagraph, textlegacyperiodcentered, textlegacysection,  
 textless, %  
 6251       textlira, textlnot, textlquill, textmacron, textmarried, textmd, textmho,  
 %  
 6252       textminus, textmu, textmusicalnote, textnaira, textnineoldstyle, %  
 6253       textnonbreakinghyphen, textnormal, textnumero, textogonekcentered,  
 textohm, %  
 6254       textonehalf, textoneoldstyle, textonequarter, textonesuperior,  
 textopenbullet, %  
 6255       textordfeminine, textordmasculine, textparagraph, textperiodcentered, %  
 6256       textperiodcentered, textpermill, textpertenmill, textpertenthousand, %  
 6257       textperthousand, textpeso, textpilcrow, textpm, textquestiondown,  
 textquotedbl, %  
 6258       textquotedblleft, textquotedblright, textquoteleft, textquoteright, %  
 6259       textquotesingle, textquotestraightbase, textquotestraightdblbase,  
 texttriangle, %  
 6260       textrbrace, textrbrackdbl, textrecipe, textreferencemark,  
 textregistered, %  
 6261       textrightarrow, textrm, textrquill, textsc, textsection, textservicemark  
 , %  
 6262       textsevenoldstyle, textsf, textsixoldstyle, textsl, textssc,  
 textsterling, %  
 6263       textstyle, textsubscript, textsuperscript, textsurd, textsw,  
 textthreeoldstyle, %  
 6264       textthreequarters, textthreequartersemdash, textthreesuperior,  
 texttildelow, %  
 6265       texttimes, texttrademark, texttt, texttwelveudash, texttwooldstyle, %  
 6266       texttwosuperior, textulc, textunderline, textunderscore, textup,  
 textuparrow, %



6267 textvisiblespace, textwidth, textwon, textyen, textzerooldstyle, th,  
 thanks, %  
 6268 thanks, the, thechapter, theenum, theenumi, theenumii, theenumii,  
 theenumiii, %  
 6269 theenumiii, theenumiv, theenumiv, theequation, theequation, thefigure, %  
 6270 thefootnote, thempfn, thempfootnote, theorembodyfont, theoremlisttype, %  
 6271 theoremnumbering, theorempostwork, theoremprework, theoremseparator, %  
 6272 theoremstyle, theoremsymbol, thepage, theparagraph, theparentequation,  
 thepart, %  
 6273 therefore, thesection, thesubparagraph, thesubsection, thesubsection, %  
 6274 thesubsubsection, theta, thetable, thetotalpages, thickapprox,  
 thicklines, %  
 6275 thickmuskip, thicksim, thickspace, thinlines, thinmuskip, thinspace, %  
 6276 thispagestyle, thpart, tilde, time, times, timeseparator, tiny, title,  
 tmspace, %  
 6277 to, today, toks, toksdef, tokszero, tolerance, top, topfigrule, topfraction  
 , %  
 6278 topmargin, topmark, topmarks, toprule, topsep, topsep, topskip,  
 totalheight, %  
 6279 totalpages, toto, tracefloats, tracefloatsoff, tracefloatvals, traceoff,  
 %  
 6280 traceon, tracingall, tracingassigns, tracingcommands, tracingfonts, %  
 6281 tracinggroups, tracingifs, tracinglostchars, tracingmacros,  
 tracingnesting, %  
 6282 tracingnone, tracingoff, tracingon, tracingonline, tracingoutput,  
 tracingpages, %  
 6283 tracingparagraphs, tracingrestores, tracingscantokens,  
 tracingstacklevels, %  
 6284 tracingstats, triangle, triangledown, triangleleft, triangleleft, %  
 triangleleft, %  
 6285 triangleright, trianglerighteq, [trivlist](#), tt, ttdefault, ttfamily, %  
 6286 ttsubstdefault, ttwplink, twocolumn, twocolumn[], twoheadleftarrow, %  
 6287 twoheadrightarrow, typein, typeout, typeoutdetails, ucode, uchyph,  
 ulcdefault, %  
 6288 ulcshape, unboldmath, undefined, undefinedpagestyle, underbar,  
 underbrace, %  
 6289 underleftarrow, underleftrightarrow, underline, underrightarrow,  
 underscore, %  
 6290 underset, unexpanded, unhbox, unhcopy, unicodedataline, unicoderead,  
 uninstall, %  
 6291 unit, unitlength, unkern, unless, unlh, unpenalty, unrh, unsetattribute,  
 %  
 6292 unskip, unvbox, unvcopy, up, uparrow, upbracefill, updefault, updownarrow,  
 %  
 6293 upharpoonleft, upharpoonright, uplus, uppercase, upshape, upsi,  
 uparrows, %  
 6294 uranus, url, usebox, usecounter, usefont, usepackage, usetagform, %  
 6295 usetikzlibrary, ushape, vDash, vadjust, valign, value, vanothing, %  
 6296 varbigtriangledown, varbigtriangleup, varepsilon, varliminf, varlimsup,  
 %  
 6297 varnothing, varphi, varpi, varpropto, varrho, varsigma, varsubsetneq, %  
 6298 varsubsetneqq, varsupsetneq, varsupsetneqq, vartheta, vartriangleleft, %

```

6299 vartriangleright, vbadness, vbox, vdash, vdots, vec, vector, vee, veebar,
 venus, %
6300 verb, verbatim, verbvisiblespace, vernal, vert, vfil, vfill, vfilneg, vfuzz
 , %
6301 vglue, vitk, vitm, vline, voffset, vpageref, vphantom, vref, vrule, vsize, %
6302 vskip, vspace, vsplit, vtop, wedge, whatsit, widehat, widetilde,
 widowpenalty, %
6303 width, wlog, wp, wr, write, xdef, xi, xleftarrow, xpos, xpt, xrightarrow, %
6304 xspace, xspaceskip, xtxHanGlue, xtxHanSpace, year, ypos, zeta%
6305 }, %
6306 % Mots-clés de niveau 1 : arguments optionnels
6307 morekeywords={%
6308 }, %
6309 % Mots-clés de niveau 2 : arguments obligatoires et environnements
6310 morekeywords=[2]{%
6311 array, center, displaymath, document, enumerate, eqnarray, equation, %
6312 filecontents, flushleft, flushright, itemize, list, lrbox, math, minipage,
 %
6313 picture, sloppypar, tabbing, tabular, thebibliography, trivlist, verbatim
 , %
6314 %
6315 % Fournis par les classes standard
6316 abstract, description, figure, quotation, quote, table, thebibliography, %
6317 theindex, titlepage, verse, %
6318 %
6319 % Packages ou classes non traités ici
6320 article, report, book, %
6321 }, %
6322 % Mots-clés de niveau 3 : arguments optionnels clés dans clé=valeur
6323 morekeywords=[3]{%
6324 }, %
6325 alsoletter={-*@1234567890}%
6326 }%

```

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liste d'entraide : <https://gutenberg-asso.fr/-Listes-de-diffusion->

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foire aux questions : <https://faq.gutenberg-asso.fr/>

Cette association est la vôtre : faites-nous part de vos idées, de vos envies, de vos préoccupations à l'adresse [secretariat@gutenberg-asso.fr](mailto:secretariat@gutenberg-asso.fr).  
Adhérents, vous pouvez aussi échanger sur la vie de l'association sur la liste de diffusion [adherents@gutenberg-asso.fr](mailto:adherents@gutenberg-asso.fr).

## ADHÉSION À L'ASSOCIATION

GUTenberg étant reconnue d'intérêt général, vous recevrez en temps voulu un justificatif vous permettant de bénéficier d'une réduction fiscale de 66 % du montant de votre cotisation ou de votre don.

- Les adhésions sont à renouveler en début d'année pour l'année civile.
- Les administrations peuvent joindre un bon de commande revêtu de la signature de la personne responsable; les étudiants doivent joindre un justificatif.

## Tarifs<sup>2</sup> 2026

Les membres de GUTenberg peuvent adhérer à l'association internationale, le groupe (international) d'utilisateurs de TEX (TUG), et recevoir son bulletin *TUGboat* à un tarif préférentiel<sup>3</sup> :

| Type d'adhésion                                 | Prix                  |
|-------------------------------------------------|-----------------------|
| Personne physique                               | 30 €                  |
| Personne physique + adhésion TUG                | 100 € (= 30 € + 70 €) |
| Personne physique à tarif réduit                | 10 €                  |
| Personne physique à tarif réduit + adhésion TUG | 55 € (= 10 € + 45 €)  |
| Association d'étudiants                         | 65 €                  |
| Organisme ou association à but non lucratif     | 130 €                 |
| Personne morale à but lucratif                  | 195 €                 |

## Règlements

Les règlements peuvent s'effectuer par :

- paiement en ligne sécurisé<sup>4</sup> : <https://gutenberg-asso.fr/Adherer-en-ligne>
- bulletin et chèque : <https://gutenberg-asso.fr/Adherer-a-l-association>

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2. Dans ce tableau, une personne physique à tarif réduit est étudiant, demandeur d'emploi ou plus largement toute personne non redevable de l'impôt sur le revenu (sur présentation d'un justificatif); un organisme peut être doté ou non de la personnalité morale : laboratoire de recherche public, etc.

3. En tarif normal, 70 € (au lieu de 90 \$); en tarif réduit, 45 € (au lieu de 65 \$).

4. En carte bancaire.