

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

Support for the newsletter “La Lettre GUTenberg”

Association GUTenberg

25 octobre 2025

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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) 1994-2025 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 %

```

Debugging

```

1 % \RequirePackage[
2 %   , check-declarations
3 %   , enable-debug
4 %   , backend=luatex
5 % ]{expl3}

```

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 }
5 \tl_const:Nn \c__letgut_Lettres_tl {
6   \c__letgut_Lettre_tl \emph{ s }
7 }
8 \tl_const:Nn \c__letgut_gutenberg_tl { GUTenberg }
9 \tl_const:Nn \c__letgut_association_tl { association }
10 \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   \tl_const:Nn \c__letgut_la_lettre_gutenberg_tl {
19     la~ \c__letgut_Lettre_gutenberg_tl
20   }
21   \tl_const:Nn \c__letgut_La_lettre_gutenberg_tl {
22     \text_titlecase_first:n \c__letgut_la_lettre_gutenberg_tl
23   }
24   \ExplSyntaxOff

```

Now, we can announce the class name and its version :

```

1   \ProvidesExplClass{letgut}
2   {2025-10-25}
3   {0.9.12}
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 \g__letgut_tmpb_bool
3 \box_new:N \g__letgut_tmpa_box
4 \box_new:N \g__letgut_tmpb_box
5 \clist_new:N \g__letgut_tmpa_clist
6 \clist_new:N \g__letgut_tmpb_clist
7 \coffin_new:N \g__letgut_tmpa_coffin
8 \coffin_new:N \g__letgut_tmpb_coffin
9 \dim_new:N \g__letgut_tmpa_dim
10 \dim_new:N \g__letgut_tmpb_dim
11 \fp_new:N \g__letgut_tmpa_fp
12 \fp_new:N \g__letgut_tmpb_fp
13 \int_new:N \g__letgut_tmpa_int
14 \int_new:N \g__letgut_tmpb_int
15 \ior_new:N \g__letgut_tmpa_ior
16 \ior_new:N \g__letgut_tmpb_ior
17 \iow_new:N \g__letgut_tmpa_iow
18 \iow_new:N \g__letgut_tmpb_iow
19 \muskip_new:N \g__letgut_tmpa_muskip
20 \muskip_new:N \g__letgut_tmpb_muskip

```

```

21 \prop_new:N \g__letgut_tmpa_prop
22 \prop_new:N \g__letgut_tmpb_prop
23 \regex_new:N \g__letgut_tmpa_regex
24 \regex_new:N \g__letgut_tmpb_regex
25 \seq_new:N \g__letgut_tmpa_seq
26 \seq_new:N \g__letgut_tmpb_seq
27 \skip_new:N \g__letgut_tmpa_skip
28 \skip_new:N \g__letgut_tmpb_skip
29 \str_new:N \g__letgut_tmpa_str
30 \str_new:N \g__letgut_tmpb_str
31 \tl_new:N \g__letgut_tmpa_tl
32 \tl_new:N \g__letgut_tmpb_tl
33 \bool_new:N \l__letgut_tmpa_bool
34 \bool_new:N \l__letgut_tmpb_bool
35 \box_new:N \l__letgut_tmpa_box
36 \box_new:N \l__letgut_tmpb_box
37 \clist_new:N \l__letgut_tmpa_clist
38 \clist_new:N \l__letgut_tmpb_clist
39 \coffin_new:N \l__letgut_tmpa_coffin
40 \coffin_new:N \l__letgut_tmpb_coffin
41 \dim_new:N \l__letgut_tmpa_dim
42 \dim_new:N \l__letgut_tmpb_dim
43 \fp_new:N \l__letgut_tmpa_fp
44 \fp_new:N \l__letgut_tmpb_fp
45 \int_new:N \l__letgut_tmpa_int
46 \int_new:N \l__letgut_tmpb_int
47 \ior_new:N \l__letgut_tmpa_ior
48 \ior_new:N \l__letgut_tmpb_ior
49 \iow_new:N \l__letgut_tmpa_iow
50 \iow_new:N \l__letgut_tmpb_iow
51 \muskip_new:N \l__letgut_tmpa_muskip
52 \muskip_new:N \l__letgut_tmpb_muskip
53 \prop_new:N \l__letgut_tmpa_prop
54 \prop_new:N \l__letgut_tmpb_prop
55 \regex_new:N \l__letgut_tmpa_regex
56 \regex_new:N \l__letgut_tmpb_regex
57 \seq_new:N \l__letgut_tmpa_seq
58 \seq_new:N \l__letgut_tmpb_seq
59 \skip_new:N \l__letgut_tmpa_skip
60 \skip_new:N \l__letgut_tmpb_skip
61 \str_new:N \l__letgut_tmpa_str
62 \str_new:N \l__letgut_tmpb_str
63 \tl_new:N \l__letgut_tmpa_tl
64 \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 \AddToHook{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 `\AddToHook{begindocument/before}` argument.

```
1 }
```

Integers

```
1 \int_new:N \g__letgut_ltx_example_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_const:Nn \c__letgut_label_ltx_example_str {
4   __letgut_label_ltx_example
5 }
6 \str_const:Nn \c__letgut_callout_label_ltx_example_str {
7   __letgut_callout_label_ltx_example
8 }

```

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~ ?

```

```

40     \par
41     \medskip
42 }
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 \l__letgut_first_last_names_items_seq
2 \seq_new:N \g__letgut_included_files_seq
3 \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 { T, F, TF }
23 {
24   \regex_match:nnTF { ^\d{4}-(\d{1,2}) } {#1}
25   { \prg_return_true: }
26   { \prg_return_false: }
27 }
28
29 \prg_new_protected_conditional:Npnn

```

```

30  \__letgut_if_is_int:n #1 { T, F, TF }
31  {
32    \regex_match:nnTF { ^[\+\-]?[\d]+$ } {#1}
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        \int_gset:Nn \g__letgut_date_month_int {\the\month}
80      }{
81        \int_gset:Nn \g__letgut_date_month_int {\the\month}
82      }
83    }

```

```

7   \tl_gset:Nn \g__letgut_date_month_tl {
8     \__letgut_month_name:n { \g__letgut_date_month_int }
9   }
10  \tl_gset:Nn \g__letgut_date_tl {
11    \tl_use:N \g__letgut_date_month_tl
12    \c_space_tl
13    \int_use:N \g__letgut_date_year_int
14  }
15  }

```

Class and package loading

The classe `letgut` is based on the `article` class. It is by default two sided because of the alternating headers, and will be 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 L^AT_EX 2_ε.

```
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{tabularray}`
- 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 begining of the document :

```
1 \AddToHook{begindocument/before}{
```

— Extensive support for hypertext in \LaTeX

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

— Adjusting the anchors of captions

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

— Intelligent cross-referencing

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

We close the `\AddToHook{begindocument/before}` argument.

```
1 }
```

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 }
```

— Concerning floats, we ask :

— the caption text will be justified,

— the figures and their captions to be boxed (in order to distiguish 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{\hspace}{.8pt}\vskip4pt\par
6 }
7 \DeclareFloatVCode{__letgut_rulebelow}{
8   \par\vskip2pt\rule{\hspace}{.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     style=__letgut_ruled,
19     margins=hangleft,
20     capposition=beside,
21     capbesideposition={top,left},
22     floatwidth=0.85\textwidth
23 }
24 \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 \AddToHook{cmd/printacronyms/before}{\bool_set_false:N
   \l__acro_link_only_first_bool}

```

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 begining 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}\AddToHook{begindocument/before}{\l__hook_return_tl}
4 }
1 \AddToHook{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 {./
   \c__letgut_acronyms_file_tl}
3 }{
4   \file_if_exist:nTF {../\c__letgut_acronyms_file_tl}{
5     \tl_gset:Nn \g__letgut_effective_acronyms_file_tl {../
   \c__letgut_acronyms_file_tl}
6 }{
7   \file_if_exist:nT {\c__letgut_acronyms_file_tl}{

```

```

8      \tl_gset:Nn \g__letgut_effective_acronyms_file_tl {
          \c__letgut_acronyms_file_tl
9      }
10 }
11 }
12 \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   \AddToHook{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 watermak is rotated in order to be parallely 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 % % }

```

We close the `\AddToHook{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_set_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,
- `allcolorslinks` 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,
- `informations` 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     \AddToHook{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     \AddToHook{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

```

```

63     }
64   }
65 }
66 }
67 \ProcessKeyOptions[ letgut ]
68 \AddToHook{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 }
77
78 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[R0,LE]{\thepage}
3 \fancyhead[RE,L0]{\scshape \g__letgut_mark_tl}

```

- The headers are left offset

```

1 \fancyheadoffset[L]{\c__letgut_hoffset_dim}

```

- We load the default `fancyhdr`'s page style

```

1 \pagestyle{fancy}

```

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 is dropped :

```

1 \renewcommand*\frenchcontentsname{}

```

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        halign=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\rebus\solution*[\int_use:N \g__letgut_rebus_int][[]]},
51     #1
52 }
53 \NewDocumentCommand{\rebus\solution}{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={\leifthand{}}~Solution~ du~ rébus\c_space_tl},
60             title={
61                 \IfBooleanTF{#1}{
62                     \vpageref[ci-dessus]{rebus@#2}
63                 }{
64                     de~la~\lettre{} \c_space_tl
65                 }
66             }
67             \IfValueTF{#3}{
68                 #3
69             }{
70                 précédente
71             }
72         },
73         phantomlabel={
74             \IfBooleanT{#1}{
75                 solution@#2
76             }
77         },
78         #4
79     ]
80     \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 \AddToHook{begindocument/before}
2 {
3     \str_set_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
4
5     > \c_zero_int
6     {numéro~ \int_use:N\g__letgut_number_int{ }~ --- }
7     \g__letgut_date_tl
8 }
9
10 \str_if_empty:NTF \g__letgut_@title_str {
11     \tl_gset:Nn \g__letgut_mark_tl {
12         \c__letgut_la_lettre_gutenberg_plain_tl
13     }
14 }{
15     \tl_gset:Nn \g__letgut_mark_tl {
16         \g__letgut_@title_str
17     }
18 }
19 \tl_gput_right:Nn \g__letgut_mark_tl {
20     ,~\g__letgut_title_tl
21 }
22 }

```

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 \AddToHook{begindocument/before}{
2   \bool_if:NT \g__letgut_for_readers_bool {
1 \file_if_exist:nTF {\c__letgut_banner_file_tl.pdf}{
2     \AddToHookNext{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 \AddToHook{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 \AddToHook{begindocument} and with \AddToHook{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 \AddToHook{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
12
13         > \c_zero_int
14       {
15         \c_space_tl~ \int_use:N \g__letgut_number_int
16       }
17     },
18     pdfauthor={
19       Association~
20       \c__letgut_gutenberg_tl
21       \c_space_tl
22       (éditeur)
23     },
24   }
25   \vspace*{1cm}
26 }{
27   \hypersetup{

```

```

16     pdftitle={\g__letgut_@title_str}
17   }
18   \tl_if_empty:NF \@author {
19     \hypersetup{
20       pdfauthor={\@author}
21     }
22   }

```

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 sectionning 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    \vskip 1.5em%
7    {\large
8      \lineskip .5em%
9      \begin{tabular}[t]{c}%
10         \@author
11       \end{tabular}\par}%
12    \vskip 1em%
13    {\large \@date}%
14  \end{center}%
15  \par
16  \vskip 1.5em
17  }

```

— 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 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_t1
4  }{
5    \c__letgut_contents_name_t1
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}
```

```
1 % \if\count{\pagenumber}>1
2 % \else
3 % \newpage
4 % \fi
5 }{
6   \msg_warning:nn{letgut}{Editorial~file~missing}
7   \alertbox{ \c__letgut_missing_editorial_tl }
8   \newpage
9 }
10 }{
11 % \newpage
12 }
```

We close the `\AddToHook{begindocument/end}` argument.

```
1 }
```

Membership reminder.

```
1 \AddToHook{begindocument}{
2   \bool_if:NT \g__letgut_membership_reminder_bool {
3     \AddToHookNext{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 \AddToHook{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 \AddToHook{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 peticularity, we make this the default for it.

```
1 % \AddToHook{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 \AddToHook{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   \textuppercase: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 \AddToHook{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_ignore_spaces: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 \AddToHook{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_x: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_x: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~
      remarques~
3    pertinentes~ ou~ par~ leurs~ articles,~ ont~ contribué~ à~ cette~
4    \lettre{}~ :~ %
5  }
6  \tl_const:Nn \c__letgut_postamble_list_of_contributors_tl {
7    \c_space_tl (et~ nous~ espérons~ n'avoir~ oublié~ personne).
8  }
9  \cs_new_protected:Nn \__letgut_list_of_contributors:nnn
10 {
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     0{\c__letgut_preamble_list_of_contributors_tl}
22     0{\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     0{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_EX 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}
7 \cs_new_protected:Nn \__letgut_tex_stuff:nn
8 {
9     \IfNoValueTF {#1}
10    {
11        \href{
12            \c__letgut_httpsprefix_tl ctan.org/pkg/#2
13        }{
14            {\l__letgut__tex_stuff_font_switch_tl #2}
15        }
16    }{

```

```

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      \tl_set:Nx \l__letgut_tmpa_tl {\tl_head:n { #1 }}
7      \tl_set:Nn \l__letgut_tmpb_tl { #1 }
8      \tl_case:NnF \l__letgut_tmpa_tl {
9        {\c__letgut_plus_tl} {\int_eval:n {\g__letgut_number_int
10         \l__letgut_tmpa_tl\tl_range:Nnn \l__letgut_tmpb_tl { 2 } { -1 }}}
11        {\c__letgut_minus_tl} {\int_eval:n {\g__letgut_number_int
12         \l__letgut_tmpa_tl\tl_range:Nnn \l__letgut_tmpb_tl { 2 } { -1 }}}
13        {\c__letgut_dot_tl} {\int_use:N \g__letgut_number_int}

```

```

12     }
13     {\l__letgut_tmpb_tl}
14   }
15 }
16 \NewDocumentCommand { \lettrenumber } { s 0{} } {
17   \IfBooleanT{#1}{
18     \no
19   }
20   \__letgut_get_lettre_number:n { #2 }
21 }

```

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 `\lettregut` 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  \tl_const:Nn \c__letgut_plus_tl { + }
2  \tl_const:Nn \c__letgut_minus_tl { - }
3  \tl_const:Nn \c__letgut_dot_tl { . }
4  \cs_new_protected:Npn \__letgut_lettre:nnn #1 #2 #3
5  {
6    \c__letgut_Lettre_tl #2
7    \tl_if_empty:nF {#1}{
8      {
9        #3
10       \nobreakspace
11       \__letgut_get_lettre_number:n {#1}
12     }
13   }
14 \NewDocumentCommand { \lettre } { s 0{} } {
15   \IfBooleanTF{#1}{
16     \__letgut_lettre:nnn { #2 } { } { } {
17       \tl_if_empty:nF {#2}{
18         \c_space_tl\no
19       }
20     }
21   }{
22     \__letgut_lettre:nnn { #2 } { } { } { }
23   }
24 }
25 \NewDocumentCommand { \lettregut } { s 0{} } {
26   \IfBooleanTF{#1}{
27     \__letgut_lettre:nnn { #2 } { \c_space_tl \c__letgut_gutenberg_tl }
28     { \c_space_tl\no }
29   }{

```

```

29     \__letgut_lettre:nnn { #2 } { \c_space_tl \__letgut_gutenberg_tl }
      { }
30   }
31 }

```

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  \AddToHook{begindocument/end}{
2    \pdfstringdefDisableCommands{
3      \RenewExpandableDocumentCommand\person { m }{#1}
4      \RenewExpandableDocumentCommand\author { m }{#1}
5      \RenewExpandableDocumentCommand \package { s O{} m }{
6        \IfBooleanT{#1}{\c__letgut_package_tl\c_space_tl}#3
7      }
8      \RenewExpandableDocumentCommand\class { s O{} 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 O{} 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\lamport{ }{Leslie~ Lamport}
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   \AddToHook{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 `<id>` of the acronym will automatically be the name of a public command (`\<id>`) acting as `\ac{id}`.

```

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 `\<id>` 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 whose first occurrences arise within footnotes? We want them to be displayed as their short forms followed by their 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\textsuperscript{,}\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 “short¹”.

```

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}] }
18       \acroifT {extra-foreign} {
19         \c_space_tl [\acrowrite {extra-foreign}]
20       }
21       \acrogroupcite
22     }
23   }
24 }
25 }

```

1. long

```

26 \RenewAcroTemplate[list]{description}{%
27 \acroheading
28 \acropreamble
29 \begin{description}
30 \acronymsmapF{%
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}{ 0{} 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

```

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} { 0{} 0{} 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     }
12   }{
```

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  }
```

```

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 \textsf{\fullcite{\g__letgut_bookreview_bibkey_tl}}
29 \tl_if_empty:NF \g__letgut_bookreview_price_tl{
30   .\c_space_tl\g__letgut_bookreview_price_tl\c_space_tl €
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:nTF {##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}%

```

[illegible]

Miscellaneous

— We specify the possible hyphenations of « GUTenberg ».

```
1 \hyphenation{GUTen-berg}
```

ISSN

```

1 \cs_new_protected:Npn \__letgut_issn:
2 {
3   \bool_if:NTF \g__letgut_paper_bool {
4     \c__letgut_paper_issn_tl
5   }{
6     \c__letgut_online_issn_tl
7   }
8 }
9 \NewDocumentCommand{\letgutissn}{ }{
10   \__letgut_issn:
11 }

```

Non selectable text

We create a control sequence that makes its argument not selectable in the PDF. This will be used notably for the line numbers of the listings and the watermarks.

```
1 \cs_new_protected:Npn \__letgut_unselectable:n #1
2 {
3   \BeginAccSupp{ActualText={}}#1\EndAccSupp{}
4 }
```

Typesetting of code, etc.

We provide a `\meta` macro that (poorly) mimics the one of the package `doc`. It is added at the very end of the preamble since other package that provide another definition of this macro may have been loaded (e.g. `tcolorbox`).

```
1 \colorlet {__letgut_meta} {
2   brown
3 }
4 \cs_new_protected:Nn \__letgut_meta:nn
5 {
6   \bgroup
7   \normalfont
8   \ttfamily
9   \itshape
10  \textcolor{#1}{\langle$#2$\rangle$}
11  \egroup
12 }
13 \AddToHook{begindocument/end}{
14   \DeclareDocumentCommand{\meta}{0}{__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 peticular (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 developped 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 {} {
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 }

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 {

```

Included graphics attached to the PDF

```

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}

```

```

34         }
35     }
36 }
37     \__letgut_orig_includegraphics[#2]{#3}
38     \bool_gset_true:N \g__letgut_tmpa_bool
39 }
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 ressources 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 \AddToHookWithArguments{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     \AddToHook{cmd/ac/before}{
16       \bool_gset_true:N \g__letgut_acronyms_file_attached_bool
17     }
18     \AddToHook{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~ langages~ 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     \AddToHook{env/ltx-code/before}{
18       \bool_gset_true:N \g__letgut_lstlanguage_file_attached_bool
19     }

```

```

20 \AddToHook{env/ltx-code-result/before}{
21   \bool_gset_true:N \g__letgut_lstlanguage_file_attached_bool
22 }
23 \AddToHook{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_EX 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_foregroundLinenumbers}
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 }

```

L^AT_EX listings and examples

We define the colors for the syntax highlighting of L^AT_EX listings.

```

1 \colorlet{__letgut_texcs}{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^AT_EX 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={\color{__letgut_environment}},
14  keywordstyle={\color{__letgut_key}},
15  keywordstyle={\color{__letgut_value}},
16  keywordstyle={\color{__letgut_argument_specification}},
17  keywordstyle={\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_texc}\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}{0,0,0,0.2}
3 \definecolor{__letgut_foregroundLinenum}{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:nn #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   Example\nobreakspace\thetcbcounter
20   \tl_if_empty:NF {#1} { \hypersetup{hidelinks} \c_space_tl\textendash
      \c_space_tl #1 }
21 }
22 \cs_new_protected:Nn \__letgut_on_callout_page:nn
23 {
24   \tl_set:Nn \l__letgut_tmpa_int {\getpagerefnumber{#1}}
25   \tl_set:Nn \l__letgut_tmpb_int {\thepage}
26   \int_compare:nNnF {\l__letgut_tmpa_int} = {\l__letgut_tmpb_int}
27   {#2}
28 }

```

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@sidebyside@true%
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}
42   \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 `\AddToHook{begindocument/before}`, the same is needed for these listings.

```
1 \AddToHook{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 \LaTeX 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_orig_intextsep_skip {\intextsep}
2 \skip_const:Nn \c__letgut_reduced_intextsep_skip {
3   4\p@ \@plus .667\p@ \@minus .667\p@
4 }
```

We now use hooks in order to...

```
1 \AddToHook{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   }
```



```

8      }
9    }
10  }
11  \cs_new_protected:Npn \__letgut_also_language_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        also_language={#2}
7      }
8      \exp_args:NV \__letgut_tcbset:n
9      {
10       \l__letgut_tmpa_tl
11     }
12   }{
13     \seq_set_from_clist:Nn \l__letgut_tmpa_seq {#1}
14     \seq_set_map_x:NNn \l__letgut_tmpb_seq \l__letgut_tmpa_seq {
15       also_language={[#1]#2}
16     }
17     \tl_set:Nx \l__letgut_tmpa_tl
18     {
19       \seq_use:Nn \l__letgut_tmpb_seq {,}
20     }
21     \exp_args:NV \__letgut_tcbset:n
22     {
23       \l__letgut_tmpa_tl
24     }
25   }
26 }
27 \NewDocumentCommand{\syntaxhl}{0}{TeX} m}{%
28   \__letgut_also_language_list:nn {#2} {#1}
29 }

```

Terminal listings

We define a command dedicated to terminal stdin and stdout.

```
1 \AddToHook{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}
1 \lstdefinestyle{__letgut_terminal_listings_style}{
2   commentstyle= \color{__letgut_terminal_comment},
3   keywordstyle= \color{__letgut_terminal_commands},

```

```

4 keywordstyle={2}\color{__letgut_terminal_keywords}},
5 keywordstyle={3}\color{__letgut_terminal_utilities}},
6 stringstyle=\color{__letgut_terminal_strings},
7 literate=*%
8 {\$}{\textcolor{__letgut_terminal_variables}{\$}}{1}%$
9 }

```

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,catal,cat,cfdisk,chat,chat,chat,%
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,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,ty,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=[1]\#,%
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 \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}{ 0{\$} 0{ } +v +v}{
51     \_letgut_terminal:nnnn {#1} {#2} {#3} {#4}
52 }

We close the \AddToHook{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 ½
15    ^^2122% for ™
16    ^^2019% for '
17    ^^0153% for œ
18    ^^0152% for Œ
19    ^^20ac% for €
20    ^^27e8% for
21    ^^27e9% for
22    ^^00%
23 }
24 \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 \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}[2025-10-25 v0.9.12 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}[2025-10-25 v0.9.12 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}[2025-10-25 v0.9.12 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     % , allcolorslinks=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      % , reverse-files-attachement
81      %
82      }
83
84      \setmainfont{TeX Gyre Schola} % Par exemple
85
86      \usepackage[maths=both]{duckuments}
87      \usepackage{mwe}
88
89      % \addbibresource{biblio.bib}
90
91      \begin{document}
92      \duckument
93      \end{document}
94
95      %%% Local Variables:
96      %%% TeX-engine: luatex
97      %%% TeX-master: t
98      %%% 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]

```

Informations about GUTenberg

```

1 % Hey, Emacs! This is a -*- mode: latex -*- file!
2
3 \enlargethispage{1.5cm}
4 \scriptsize
5 \vspace*{-1cm}
6 \hspace*{-1.5cm}%
7 \ExplSyntaxOn
8 \raisebox{-\height+0.7\baselineskip}{%
9   \begin{minipage}[t]{.6\textwidth}%\vspace{0pt}%
10     \letgut_orig_includegraphics*[width=\linewidth]{logo-gut.pdf}
11   \end{minipage}%
12 }%
13 \ExplSyntaxOff
14 \hfill%
15 \begin{minipage}[t]{.5\textwidth}%\vspace{0pt}%
16   \footnotesize\raggedleft%
17   Association \gut{}\
18   15 rue des Halles -- \textsc{bp} 74\
19   75001 Paris\
20   France\
21   \nolinkurl{secretariat[at]gutenberg-asso[dot]fr}
22 \end{minipage}%
23
24 \begin{description}
25 \item[Site Internet :] \url{https://gutenberg-asso.fr/}
26 \item[\Cahiers{} :] \url{https://cahiers.gutenberg-asso.fr/} et
27   \url{https://www.numdam.org/journals/CG/}
28 \item[\lettre{} :] \url{https://lettre.gutenberg-asso.fr/}
29 \item[Problèmes \TeX{}niques :]
30   \leavevmode
31   \begin{description}
32   \item[liste d'entraide :]
33     \url{https://gutenberg-asso.fr/-Listes-de-diffusion-}
34   \item[site de questions et réponses :]
35     \url{https://texnique.fr/}
36   \item[foire aux questions :]
37     \url{https://faq.gutenberg-asso.fr/}
38   \end{description}
39 \end{description}
40
41 \alertbox{%
42   \raggedright%
43   Cette association est la vôtre : faites-nous part de
44   vos idées, de vos envies, de vos préoccupations
45   à l'adresse \nolinkurl{secretariat@gutenberg-asso.fr}.
46
47   Adhérents, vous pouvez aussi échanger sur la vie de l'association sur
48   la liste

```

```

48     de diffusion \nolinkurl{adherents@gutenberg-asso.fr}.%
49 }
50
51 \title{Adhésion à l'association}
52 \label{letgut_label_adhesions}
53 \scriptsize%
54 \alertbox{%
55     \raggedright%
56     \gut{} étant reconnue d'intérêt général, vous recevrez en temps voulu
57     un
58     justificatif vous permettant de bénéficier d'une réduction fiscale de
59     66~\% du montant de votre cotisation ou de votre don.%
60 }
61 \begin{itemize}
62 \item % Adhésions et abonnements
63     Les adhésions sont à renouveler en début d'année
64     pour l'année civile.
65     % \item Il n'y a pas de lettre de rappel, chaque membre
66     % doit faire son renouvellement annuel; %\hspace*{1em}
67     % merci de renvoyer spontanément le bulletin ci-dessous
68     % en début d'année.
69 \item Les administrations peuvent joindre un bon de commande
70     revêtu de la signature de la personne responsable ;
71     les étudiants doivent joindre un justificatif.
72     % \item Si vous souhaitez que vos coordonnées restent
73     % confidentielles, merci de le signaler.
74 \end{itemize}
75 \section[Tarifs \the\year]{Tarifs\footnote{Dans ce tableau, une personne
76     physique à tarif réduit est étudiant, demandeur d'emploi ou plus
77     largement
78     toute personne non redevable de l'impôt sur le revenu (sur
79     présentation d'un
80     justificatif) ; un organisme peut être doté ou non de la personnalité
81     morale : laboratoire de recherche public, etc.} \the\year}
82 Les membres de \gut\ peuvent adhérer à l'association internationale, le
83 \acf{tug}, et recevoir son bulletin \tugboat{} à un tarif
84 préférentiel\footnote{En tarif normal, 65~€ (au lieu de 85~\$) ; en
85     tarif
86     étudiant, 40~€ (au lieu de 55~\$).} :
87
88 \begin{center}
89 \begin{tblr}{lr@{ }l}
90     \toprule
91     \textbf{Type d'adhésion} & \textbf{
92     Prix} &
93     \midrule
94     Personne physique & & 30~€
95     & \ll[-0.5 mm]
96     Personne physique + adhésion \textsc{tug} & 95~€
97     & (\$= \$ 30~€ + 65~€) \ll[-0.5 mm]

```

```

93      Personne physique à tarif réduit & 15~€
          & \[-0.5 mm]
94      Personne physique à tarif réduit + adhésion \textsc{tug} & 55~€
          & ($=$ 15~€ + 40~€) \[-0.5 mm]
95      Association d'étudiants & 65~€
          & \[-0.5 mm]
96      Organisme ou association à but non lucratif & 130~€
          & \[-0.5 mm]
97      Personne morale à but lucratif & 229~€
          & \[-0.5 mm]
98      \bottomrule
99      \end{tblr}
100     \end{center}
101
102     \section{Règlements}
103
104     Les règlements peuvent s'effectuer par :
105     \begin{itemize}
106     % \item virement bancaire%
107     % \footnote{L'\textsc{iban} de l'association
108     % est à demander au secrétariat.}
109     % % FR76 1870 7000 3003 0191 3568 475)% banque pop
110     % % FR76 3000 3001 0900 0372 6086 280)% socgen Gap, compte courant
111     % \leavevmode
112     %
113     % \alertbox{%
114     % Veillez à bien \emph{indiquer vos nom et prénom}
115     % dans les références du virement !%
116     % }
117     \item paiement en ligne sécurisé\footnote{En carte
118     bancaire.} :
119     \url{https://gutenberg-asso.fr/Adherer-en-ligne}
120     \item bulletin et chèque :
121     \url{https://gutenberg-asso.fr/Adherer-a-l-association}
122     \end{itemize}
123
124     \vfill
125
126     \begin{center}
127     \begin{tblr}{
128     width=.8\linewidth,
129     colspec={
130     % < (Just not to disturb the parentheses
131     % balancing detection of my editor.)
132     >\microtypesetup{protrusion=false}\bfseries}r@{ }X
133     },
134     vline{1,3}={solid},
135     hline{1,7}={solid},
136     rowsep=0mm,
137     row{1} = {abovesep+=.25cm},
138     row{2} = {belowsep+=.125cm},
139     row{6} = {belowsep+=.25cm},

```

```

140      % colsep=2.5mm,
141    }
142    \SetCell[c=2]{c} \emph{La \lettregut}
      \\
143    \SetCell[c=2]{c} \mdseries Bulletin irrégulomestriel \& apériodique
144    de l'association \gut
      \\
145    Directeur de la publication :
146                                & \person{Bideault, P.} \\
147    Comité de rédaction :
148                                & {P. Bideault, D. Bitouzé,
149      C. Chevalier \& B. Dumont} \\
150    Adresse de la rédaction : &
151    {
152      Association \gut\\
153      15 rue des Halles -- \textsc{bp} 74 -- 75001 Paris
154    }
155    \\
156    \acs{issn} : & \letgutissn
157    \end{tblr}
158    \end{center}
159    \vfill
160    \mbox{}
161    \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 Research 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 \letgutacro%
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 \letgutacro%
56 {OTF}%
57 {Open Type Format}%
58 []
59
60 \letgutacro%
61 {DOI}%
62 {Digital Object Identifier}%
63 [identifiant numérique d'objet]
64
65 \letgutacro%
66 {ISSN}%
67 {International Standard Serial Number}%
68 [numéro international normalisé des publications en série]
69
70 \letgutacro%
71 {TUG}%
72 {\hologo{TeX} User Group}%
73 [groupe (international) d'utilisateurs de \hologo{TeX}]
74
75 \letgutacro%
76 {WCAG}%
77 {Web Content Accessibility Guidelines}%
78 [directives sur l'accessibilité du contenu Web]
```

```
79
80 \letgutacro%
81 {HTML}%
82 {HyperText Markup Language}%
83 [langage de balises pour l'hypertexte]
84
85 \letgutacro%
86 {CSS}%
87 {Cascading Style Sheets}%
88 [feuilles de style en cascade]
89
90 \letgutacro%
91 {UTF}%
92 {Universal (Character Set) Transformation Format}%
93 [format de transformation (du jeu) universel (de caractères codés)]
94
95 \letgutacro[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 \letgutacro%
151 {OS}%
152 {Operating System}%
153 [système d'exploitation]
154
155 \letgutacro%
156 {BSD}%
157 {Berkeley Software Distribution}%
158 [collection de logiciels de Berkeley]
159
160 \letgutacro%
161 {IMAP}%
162 {Internet Message Access Protocol}%
163 []
164
165 \letgutacro%
166 {SMTP}%
167 {Simple Mail Transfer Protocol}%
168 [protocole simple de transfert de courrier]
169
170 \letgutacro%
171 {RTF}%
172 {Rich Text Format}%
173 [format de texte enrichi]
174
175 \letgutacro%
176 {WYSIWYG}%
177 {What You See Is What You Get}%
178 [ce que vous voyez est ce que vous obtenez]
179
180 \letgutacro%
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 \letgutacro%
188 {OFF}%
189 {Open Font Format}%
190 [format de fonte ouvert]
191
192 \letgutacro%
193 {CSV}%
194 {Comma-separated values}%
195 [valeurs séparées par des virgules]
196
197 \letgutacro%
198 {YAML}%
199 {\textsc{yaml} Ain't Markup Language}%
200 [\textsc{yaml} n'est pas un langage de balisage (acronyme récursif)]
201
202 \letgutacro%
203 {UCA}%
204 {Unicode Collation Algorithm}%
205 [algorithme de tris d'Unicode]
206
207 \letgutacro%
208 {NFSS}%
209 {New Font Selection Scheme}%
210 [nouveau schéma de sélection de fonte]
211
212 \letgutacro%
213 {ASCII}%
214 {American Standard Code for Information Interchange}%
215 [code américain normalisé pour l'échange d'information]
216
217 \letgutacro%
218 {TDS}%
219 {\TeX{} Directory Structure}%
220 [structure de répertoire de \TeX{}]
221
222 %%%%%%%%%%%
223 % Acronymes français %
224 %%%%%%%%%%%
225 \letgutacro%
226 {SMAI}%
227 {\href{http://smi.emath.fr/}{Société de Mathématiques Appliquées et
228   Industrielles}}%
229
230 \letgutacro%
231 {AG}%
232 {Assemblée Générale}%
233

```

```
234 \letgutacro%
235 {CA}%
236 {Conseil d'Administration}%
237
238 \letgutacro%
239 {SHS}%
240 {Sciences Humaines et Sociales}%
241
242 \letgutacro%
243 {IREM}%
244 {\href{https://www.univ-irem.fr/}{Instituts de Recherche sur
245   l'Enseignement des Mathématiques}}%
246
247 \letgutacro%
248 {MEEF}%
249 {Métiers de l'Enseignement, de l'Éducation et de la Formation}%
250
251 \letgutacro%
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@definlanguage[...]{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[lstfiracode]{TeX}{%
36 % Control sequences names
37 moretexcs={%
38 },%
39 % Keywords of class 1 : keywords that contain other characters
40 % (since of the same class as the ones specified as 'otherkeywords')
41 morekeywords={%
42 },%
43 % Keywords of class 2 : environments names
44 morekeywords=[2]{%

```

```

45     },%
46     % Keywords of class 3 : mandatory arguments (not environments) &
47     % optional arguments which are keys (in key=value)
48     morekeywords=[3]{%
49     },%
50     % Keywords of class 4 : values of keys (in key=value)
51     morekeywords=[4]{%
52         FiraCodeStyle%
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         lstfiracode%
62     },%
63     % otherkeywords={},
64     % alsoletter={},
65     % alsodigit={},%
66     % alsoother={},%
67     sensitive,%
68 }[keywords,tex,comments]
69
70 \lst@definlanguage[Scrabble]{TeX}{%
71     % Control sequences names
72     moretexcs={%
73         PlateauScrabble,ScrabblePlaceMot,%
74         ScrabbleBoard,ScrabblePutWord,%
75     },%
76     % Keywords of class 1 : keywords that contain other characters
77     % (since of the same class as the ones specified as 'otherkeywords')
78     morekeywords={%
79     },%
80     % Keywords of class 2 : environments names
81     morekeywords=[2]{%
82         EnvScrabble,%
83     },%
84     % Keywords of class 3 : mandatory arguments (not environments) &
85     % optional arguments which are keys (in key=value)
86     morekeywords=[3]{%
87         FR,EN,DE,ES,GR,SP,%
88         Echelle,Echellelabels,Cadre,Labels,Aide,%
89         Scale,ScaleLabels,Border,Help,%
90     },%
91     % Keywords of class 4 : values of keys (in key=value)
92     morekeywords=[4]{%
93     },%
94     % Keywords of class 5 : arguments specifications (after ":" in expl3
95     % syntax)
96     morekeywords=[5]{%

```

```

97      },%
98      % Keywords of class 6 : current package name (and possibly derived
99      % packages)
100     morekeywords=[6]{%
101         Scrabble%
102     },%
103     % otherkeywords={},
104     % alsoletter={},
105     % alsodigit={},%
106     % alsoother={},%
107     sensitive,%
108 }[keywords,tex,comments]
109
110 \lst@definlanguage[FiraSans]{TeX}{%
111     % Control sequences names
112     moretexcs={%
113         sufigures,firaoldstyle,firalining,firatabular,firaproportional,
114         firathin,firalight,firaextralight,firaultralight,firamedium,firabook
115         ,
116         firasemibold,firaextrabold,firaheavy,%
117     }%
118     % Keywords of class 1 : keywords that contain other characters
119     % (since of the same class as the ones specified as 'otherkeywords')
120     morekeywords={%
121     },%
122     % Keywords of class 2 : environments names
123     morekeywords=[2]{%
124     },%
125     % Keywords of class 3 : mandatory arguments (not environments) &
126     % optional arguments which are keys (in key=value)
127     morekeywords=[3]{%
128         sfdefault,scaled,scale,type1,lining,lf,oldstyle,osf,tabular,t,
129         proportional,%
130         p,book,medium,mb,semibold,sb,light,l,extralight,ultralight,thin,%
131         extrabold,heavy,default,%
132     },%
133     % Keywords of class 4 : values of keys (in key=value)
134     morekeywords=[4]{%
135     },%
136     % Keywords of class 5 : arguments specifications (after ":" in expl3
137     % syntax)
138     morekeywords=[5]{%
139     },%
140     % Keywords of class 6 : current package name (and possibly derived
141     % packages)
142     morekeywords=[6]{%
143         FiraSans%
144     },%
145     % otherkeywords={},
146     alsoletter={1},
147     % alsodigit={},%
148     % alsoother={},%

```

```

147     sensitive,%
148 }[keywords,tex,comments]
149
150 \lst@definlanguage[luagcd]{TeX}{%
151     % Control sequences names
152     moretexcs={%
153         luagcdwithsteps,%
154     },%
155     % Keywords of class 1 : keywords that contain other characters
156     % (since of the same class as the ones specified as 'otherkeywords')
157     morekeywords={%
158     },%
159     % Keywords of class 2 : environments names
160     morekeywords=[2]{%
161     },%
162     % Keywords of class 3 : mandatory arguments (not environments) &
163     % optional arguments which are keys (in key=value)
164     morekeywords=[3]{%
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         luagcd%
177     },%
178     % otherkeywords={},
179     % alsoletter={},
180     % alsodigit={},%
181     % alsoother={},%
182     sensitive,%
183 }[keywords,tex,comments]
184
185 \lst@definlanguage[maze]{TeX}{%
186     % Control sequences names
187     moretexcs={%
188         maze,%
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         maze%
212     },%
213     % otherkeywords={},
214     % alsoletter={},
215     % alsodigit={},%
216     % alsoother={},%
217     sensitive,%
218 }[keywords,tex,comments]
219
220 \lst@definlanguage[animate]{TeX}{%
221     % Control sequences names
222     moretexcs={%
223         multiframe,%
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         animateinline,
232     },%
233     % Keywords of class 3 : mandatory arguments (not environments) &
234     % optional arguments which are keys (in key=value)
235     morekeywords=[3]{%
236         poster,controls,palindrome,bb,rx,%
237     },%
238     % Keywords of class 4 : values of keys (in key=value)
239     morekeywords=[4]{%
240         first,%
241     },%
242     % Keywords of class 5 : arguments specifications (after ":" in expl3
243     % syntax)
244     morekeywords=[5]{%
245     },%
246     % Keywords of class 6 : current package name (and possibly derived
247     % packages)
248     morekeywords=[6]{%
249         animate%
250     },%

```

```

251 % otherkeywords={},
252 % alsoletter={},
253 % alsodigit={},%
254 % alsoother={},%
255 sensitive,%
256 }[keywords,tex,comments]
257
258 \lst@definlanguage[tikz-mirror-lens]{TeX}{%
259 % Control sequences names
260 moretexcs={%
261     lensSphGaussFixed,%
262 },%
263 % Keywords of class 1 : keywords that contain other characters
264 % (since of the same class as the ones specified as 'otherkeywords')
265 morekeywords={%
266 },%
267 % Keywords of class 2 : environments names
268 morekeywords=[2]{%
269 },%
270 % Keywords of class 3 : mandatory arguments (not environments) &
271 % optional arguments which are keys (in key=value)
272 morekeywords=[3]{%
273 },%
274 % Keywords of class 4 : values of keys (in key=value)
275 morekeywords=[4]{%
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     tikz-mirror-lens%
285 },%
286 % otherkeywords={},
287 alsoletter={-},
288 % alsodigit={},%
289 % alsoother={},%
290 sensitive,%
291 }[keywords,tex,comments]
292
293 \lst@definlanguage[jeuxcartes]{TeX}{%
294 % Control sequences names
295 moretexcs={%
296     MainCartesJeu,%
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         Eventail,10C,10K,AC,AT,AP,%
309     },%
310     % Keywords of class 4 : values of keys (in key=value)
311     morekeywords=[4]{%
312     },%
313     % Keywords of class 5 : arguments specifications (after ":" in expl3
314     % syntax)
315     morekeywords=[5]{%
316     },%
317     % Keywords of class 6 : current package name (and possibly derived
318     % packages)
319     morekeywords=[6]{%
320         jeuxcartes%
321     },%
322     % otherkeywords={},
323     alsoletter={0123456789},
324     % alsodigit={},%
325     % alsoother={},%
326     sensitive,%
327 }[keywords,tex,comments]
328
329 \lst@definlanguage[plex-otf]{TeX}{%
330     % Control sequences names
331     moretexcs={%
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         RM
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     plex-otf%
356 },%
357 % otherkeywords={},
358 % alsoletter={},
359 % alsodigit={},%
360 % alsoother={},%
361 sensitive,%
362 }[keywords,tex,comments]
363
364 \lst@definlanguage[mathtools]{TeX}{%
365     % Control sequences names
366     moretexcs={%
367         mathclap,DeclarePairedDelimiter,%
368     },%
369     % Keywords of class 1 : keywords that contain other characters
370     % (since of the same class as the ones specified as 'otherkeywords')
371     morekeywords={%
372     },%
373     % Keywords of class 2 : environments names
374     morekeywords=[2]{%
375     },%
376     % Keywords of class 3 : mandatory arguments (not environments) &
377     % optional arguments which are keys (in key=value)
378     morekeywords=[3]{%
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     },%
391     },%
392     % otherkeywords={},
393     % alsoletter={},
394     % alsodigit={},%
395     % alsoother={},%
396     sensitive,%
397 }[keywords,tex,comments]
398
399 \lst@definlanguage[tikz-ext]{TeX}{%
400     % Control sequences names
401     moretexcs={%
402     },%
403     % Keywords of class 1 : keywords that contain other characters
404     % (since of the same class as the ones specified as 'otherkeywords')
405     morekeywords={%
406     },%

```

```

407 % Keywords of class 2 : environments names
408 morekeywords=[2]{%
409 },%
410 % Keywords of class 3 : mandatory arguments (not environments) &
411 % optional arguments which are keys (in key=value)
412 morekeywords=[3]{%
413     distancebetween,%
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     tikz-ext%
426 },%
427 % otherkeywords={},
428 % alsoletter={},
429 % alsodigit={},%
430 % alsoother={},%
431 sensitive,%
432 }[keywords,tex,comments]
433
434 \lst@definlanguage[tikzfill]{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     pattern,hexagon,cycle,color,
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         tikzfill
461     },%
462     % otherkeywords={},
463     % alsoletter={},
464     % alsodigit={},%
465     % alsoother={},%
466     sensitive,%
467 }[keywords,tex,comments]
468
469 \lst@definlanguage[unicodemath]{TeX}{%
470     % Control sequences names
471     moretexcs={%
472         symscr,symbb,symfrak,symsfup,symsfit,symtt,setmathfont,%
473     },%
474     % Keywords of class 1 : keywords that contain other characters
475     % (since of the same class as the ones specified as 'otherkeywords')
476     morekeywords={%
477     },%
478     % Keywords of class 2 : environments names
479     morekeywords=[2]{%
480     },%
481     % Keywords of class 3 : mandatory arguments (not environments) &
482     % optional arguments which are keys (in key=value)
483     morekeywords=[3]{%
484         range,mathrm,%
485     },%
486     % Keywords of class 4 : values of keys (in key=value)
487     morekeywords=[4]{%
488         up,it,bb,bbit,scr,cal,bfcal,frak,tt,sfup ,sfit,bfup,bfit,bfscr,
489         bffrak,%
490         bfsfup,bfsfit,sym,%
491     },%
492     % Keywords of class 5 : arguments specifications (after ":" in expl3
493     % syntax)
494     morekeywords=[5]{%
495     },%
496     % Keywords of class 6 : current package name (and possibly derived
497     % packages)
498     morekeywords=[6]{%
499         unicode-math
500     },%
501     % otherkeywords={},
502     alsoletter={-},
503     % alsodigit={},%
504     % alsoother={},%
505     sensitive,%
506 }[keywords,tex,comments]
507
508 \lst@definlanguage[xcharter-otf]{TeX}{%
509     % Control sequences names
510     moretexcs={%

```

```

510      Bbbone, Bbbk, %
511    }, %
512    % Keywords of class 1 : keywords that contain other characters
513    % (since of the same class as the ones specified as 'otherkeywords')
514    morekeywords={%
515  }, %
516    % Keywords of class 2 : environments names
517    morekeywords=[2]{%
518  }, %
519    % Keywords of class 3 : mandatory arguments (not environments) &
520    % optional arguments which are keys (in key=value)
521    morekeywords=[3]{%
522      range
523    }, %
524    % Keywords of class 4 : values of keys (in key=value)
525    morekeywords=[4]{%
526  }, %
527    % Keywords of class 5 : arguments specifications (after ":" in expl3
528    % syntax)
529    morekeywords=[5]{%
530  }, %
531    % Keywords of class 6 : current package name (and possibly derived
532    % packages)
533    morekeywords=[6]{%
534      xcharter-otf
535    }, %
536    % otherkeywords={},
537    alsoletter={-},
538    % alsodigit={}, %
539    % alsoother={}, %
540    sensitive, %
541  }[keywords, tex, comments]
542
543  \lst@definlanguage[braille]{TeX}{%
544    % Control sequences names
545    moretexcs={%
546      braille
547    }, %
548    % Keywords of class 1 : keywords that contain other characters
549    % (since of the same class as the ones specified as 'otherkeywords')
550    morekeywords={%
551  }, %
552    % Keywords of class 2 : environments names
553    morekeywords=[2]{%
554  }, %
555    % Keywords of class 3 : mandatory arguments (not environments) &
556    % optional arguments which are keys (in key=value)
557    morekeywords=[3]{%
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 %
570 },%
571 % otherkeywords={},
572 % alsoletter={},
573 % alsodigit={},%
574 % alsoother={},%
575 sensitive,%
576 }[keywords,tex,comments]
577
578 \lst@definlanguage[swungdash]{TeX}{%
579 % Control sequences names
580 moretexcs={%
581 swungdash
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

```

```

614 \lst@definlanguage[simples-matrices]{TeX}{%
615   % Control sequences names
616   moretexcs={%
617     matrice
618   },%
619   % Keywords of class 1 : keywords that contain other characters
620   % (since of the same class as the ones specified as 'otherkeywords')
621   morekeywords={%
622   },%
623   % Keywords of class 2 : environments names
624   morekeywords=[2]{%
625   },%
626   % Keywords of class 3 : mandatory arguments (not environments) &
627   % optional arguments which are keys (in key=value)
628   morekeywords=[3]{%
629     b,%
630   },%
631   % Keywords of class 4 : values of keys (in key=value)
632   morekeywords=[4]{%
633   },%
634   % Keywords of class 5 : arguments specifications (after ":" in expl3
635   % syntax)
636   morekeywords=[5]{%
637   },%
638   % Keywords of class 6 : current package name (and possibly derived
639   % packages)
640   morekeywords=[6]{%
641     %
642   },%
643   % otherkeywords={},
644   % alsoletter={},
645   % alsodigit={},%
646   % alsoother={},%
647   sensitive,%
648 }[keywords, tex, comments]
649
650 \lst@definlanguage[customdice]{TeX}{%
651   % Control sequences names
652   moretexcs={%
653     dice
654   },%
655   % Keywords of class 1 : keywords that contain other characters
656   % (since of the same class as the ones specified as 'otherkeywords')
657   morekeywords={%
658   },%
659   % Keywords of class 2 : environments names
660   morekeywords=[2]{%
661   },%
662   % Keywords of class 3 : mandatory arguments (not environments) &
663   % optional arguments which are keys (in key=value)
664   morekeywords=[3]{%
665     violet, yellow

```

```

666     },%
667     % Keywords of class 4 : values of keys (in key=value)
668     morekeywords=[4]{%
669     },%
670     % Keywords of class 5 : arguments specifications (after ":" in expl3
671     % syntax)
672     morekeywords=[5]{%
673     },%
674     % Keywords of class 6 : current package name (and possibly derived
675     % packages)
676     morekeywords=[6]{%
677     %
678     },%
679     % otherkeywords={},
680     % alsoletter={},
681     % alsodigit={},%
682     % alsoother={},%
683     sensitive,%
684 }[keywords,tex,comments]
685
686 \lst@definlanguage[pingu]{TeX}{%
687     % Control sequences names
688     moretexcs={%
689         pingu
690     },%
691     % Keywords of class 1 : keywords that contain other characters
692     % (since of the same class as the ones specified as 'otherkeywords')
693     morekeywords={%
694     },%
695     % Keywords of class 2 : environments names
696     morekeywords=[2]{%
697     },%
698     % Keywords of class 3 : mandatory arguments (not environments) &
699     % optional arguments which are keys (in key=value)
700     morekeywords=[3]{%
701         left,wing,wave,right,grab,eyes,shiny,cup,%
702     },%
703     % Keywords of class 4 : values of keys (in key=value)
704     morekeywords=[4]{%
705     },%
706     % Keywords of class 5 : arguments specifications (after ":" in expl3
707     % syntax)
708     morekeywords=[5]{%
709     },%
710     % Keywords of class 6 : current package name (and possibly derived
711     % packages)
712     morekeywords=[6]{%
713     %
714     },%
715     % otherkeywords={},
716     % alsoletter={},
717     % alsodigit={},%

```



```

718 % alsoother={},%
719 sensitive,%
720 }[keywords,tex,comments]%
721
722 \lst@definlanguage[letgut]{TeX}{%
723 % Control sequences names
724 moretexcs={%
725     letgutsetup,title,subtitle,author,francophony,person,author,%
726     package,package*,class,class*,software,software*,file,file*,%
727     foreignloc,latinloc,gutenberg,gut,lettre,lettregut,Cahier,%
728     Cahiers,letgut,letgutcls,knuth,lamport,tugboat,item*,letgutacro,%
729     separator,alertbox,terminal,inputarticle,lettrenumber,solution,%
730     rebussolution,Ucode,%
731 },%
732 % Keywords of class 1 : keywords that contain other characters (since
733 % of the same class as the ones specified as 'otherkeywords')
734 morekeywords={%
735 },%
736 % Keywords of class 2 : environments names
737 morekeywords=[2]{%
738     ctannews,ltx-code,ltx-code-result,ltx-code-external-result,%
739     bookreview,announcement,rebuss,%
740 },%
741 % Keywords of class 3 : mandatory arguments (not environments) &
742 % optional arguments which are keys (in key=value)
743 morekeywords=[3]{%
744     for-authors,for-readers,draft,final,screen,paper,number,date,%
745     pagecolor,allcolorslinks,membership-reminder,editorial,informations,%
746     title,addon,result width,reference,text,title,reviewer,bibkey,%
747     frontcover,price,result,and,no,solution,color,toc,title,%
748 },%
749 % Keywords of class 4 : values of keys (in key=value)
750 morekeywords=[4]{%
751 },%
752 % Keywords of class 5 : arguments specifications (after ":" in expl3
753 % syntax)
754 morekeywords=[5]{%
755 },%
756 % Keywords of class 6 : current package name (and possibly derived
757 % packages)
758 morekeywords=[6]{%
759     letgut%
760 },%
761 % otherkeywords={},%
762 alsoletter={-\ },%
763 % alsodigit={},%
764 alsoother={*},%
765 % alsoother={},%
766 sensitive,%
767 }[keywords,tex,comments]%
768

```

```

769 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
770 % LaTeX texcs and keywords that are missing in `listings` driver file
771 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
772 \lst@definlanguage[extendedLaTeX]{TeX}{%
773   % Control sequences names
774   moretexcs={%
775     Huge, LARGE, Large, LoadClass, NewCommandCopy, RequirePackage, %
776     ShowCommand, abovecaptionskip, abstractname, appendix, appendixname, %
777     arraycolsep, arrayrulewidth, author, backmatter, baselinestretch, %
778     belowcaptionskip, bf, bibindent, bibname, bigskipamount, bottomfraction, %
779     brokenpenalty, cal, chapter, chaptermark, chaptername, clubpenalty, %
780     columnsep, columnseprule, contentsname, date, dblfloatpagefraction, %
781     dblfloatsep, dbltextfloatsep, dbltopfraction, descriptionlabel, %
782     displaywidowpenalty, doublerulesep, evensidemargin, fboxrule, fboxsep, %
783     figurename, floatpagefraction, floatsep, footins, footnoterule, %
784     footnoteseq, footnotesize, footskip, frontmatter, headheight, headsep, %
785     huge, indexname, indexspace, interlinepenalty, intextsep, it, jot, %
786     labelenumi, labelenumii, labelenumiii, labelenumiv, labelitemfont, %
787     labelitemi, labelitemii, labelitemiii, labelitemiv, labelsep, %
788     labelwidth, large, leftmargin, leftmargini, leftmarginii, leftmarginiii, %
789     leftmarginiv, leftmarginv, leftmarginvi, lineskip, listfigurename, %
790     listoffigures, listoftables, listtablename, mainmatter, maketitle, %
791     marginparpush, marginparsep, marginparwidth, maxdepth, medskipamount, %
792     mit, newblock, normallineskip, normalsize, oddsidemargin, paragraph, %
793     paragraphmark, parindent, parskip, part, partname, partopsep, %
794     postdisplaypenalty, predisplaypenalty, refname, rm, sc, scriptsize, %
795     section, sectionmark, setlength, sf, sl, small, smallskipamount, %
796     subitem, subparagraph, subparagraphmark, subsection, subsectionmark, %
797     subsubitem, subsubsection, subsubsectionmark, tabbingsep, tabcolsep, %
798     tablename, tableofcontents, textfloatsep, textfraction, textheight, %
799     textwidth, thechapter, theenumi, theenumii, theenumiii, theenumiv, %
800     theequation, theparagraph, thepart, thesection, thesubparagraph, %
801     thesubsection, thesubsubsection, tiny, title, today, topfraction, %
802     topmargin, topskip, tt, widowpenalty, %
803   }, %
804   % Keywords of class 1 : keywords that contain other characters (since
805   % of the same class as the ones specified as 'otherkeywords')
806   morekeywords={%
807   }, %
808   % Keywords of class 2 : environments names
809   morekeywords=[2]{%
810     abstract, array, center, description, displaymath, document, enumerate, %
811     eqnarray, equation, figure, flushleft, flushright, itemize, list, lrbox,
812     math, %
813     minipage, picture, quotation, quote, sloppypar, tabbing, table, tabular, %
814     thebibliography, theindex, titlepage, trivlist, verbatim, verse, %
815   }, %
816   % Keywords of class 3 : mandatory arguments (not environments) &
817   % optional arguments which are keys (in key=value)
818   morekeywords=[3]{%
819     % c, cc, ccc, cccc, X, l,
820     empty, %

```

```

820     },%
821     % Keywords of class 4 : values of keys (in key=value)
822     morekeywords=[4]{%
823     },%
824     % Keywords of class 5 : arguments specifications (after ":" in expl3
825     % syntax)
826     morekeywords=[5]{%
827     },%
828     % Keywords of class 6 : current package name (and possibly derived
829     % packages)
830     morekeywords=[6]{%
831     %
832     },
833     otherkeywords={},%
834     % alsoletter={},% alsodigit={},%
835     % alsoother={},%
836     sensitive,%
837 }[keywords, tex, comments]%
838
839 \lst@definlanguage[ listings ]{TeX}{%
840     % Control sequences names
841     moretexcs={%
842         lstDeleteShortInline, lstMakeShortInline, lstalias, lstaspectfiles,%
843         lstdefineformat, lstdefinlanguage, lst@definlanguage, lstdefinestyle,%
844         %
845         lstindexmacro, lstinline, lstinputlisting, lstlanguagefiles,%
846         lstlgrindfile, lstlistingname, lstlistingnamestyle,%
847         lstlistlistingname, lstlistoflistings, lstloadlanguages, lstname,%
848         lstnewenvironment, lstset, theHlstnumber, thelstlabel, thelstlisting,%
849         thelstnumber,%
850     },%
851     % Keywords of class 1 : keywords that contain other characters (since
852     % of the same class as the ones specified as 'otherkeywords')
853     morekeywords={%
854     },%
855     % Keywords of class 2 : environments names
856     morekeywords=[2]{%
857         lstlisting,%
858     },%
859     % Keywords of class 3 : mandatory arguments (not environments) &
860     % optional arguments which are keys (in key=value)
861     morekeywords=[3]{%
862         0.21, ABAP, ACM, ACMscript, ACSL, Ada, Algol, Ant, Assembler, Awk,%
863         Basic, C, C++, CIL, Caml, Clean, Cobol, Comal 80, Comsol, Delphi,%
864         Eiffel, Elan, Euphoria, Fortran, GAP, GCL, Gnuplot, Go, HTML, Haskell,%
865         IDL, JVMIS, Java, LLVM, Lingo, Lisp, Logo, Lua, ML, Mathematica, Matlab,%
866         Mercury, MetaPost, Miranda, Mizar, Modula-2, MuPAD, NASTRAN, OCL,%
867         OORexx, Oberon-2, Octave, Oz, PHP, PL/I, POV, PSTricks, Pascal, Perl,%
868         Plasm, PostScript, Prolog, Promela, Python, R, RSL, Reduce, Rexx, Ruby,%
869         S, SAS, SHELXL, SPARQL, SQL, Scala, Scilab, Simula, Swift, TeX,%
870         VBScript, VHDL, VRML, Verilog, XML, XSLT, [03]Fortran, [08]Fortran,%
871         [1.0]Mathematica, [11.0]Mathematica, [11]C++, [1974]Cobol, [1985]Cobol,%

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871 [2005]Ada,[3.0]Mathematica,[5.0]Lua,[5.1]Lua,[5.2]Lua,%
872 [5.2]Mathematica,[5.3]Lua,[60]Algol,[67]Simula,[68]Algol,%
873 [77]Fortran,[83]Ada,[90]Fortran,[95]Ada,[95]Fortran,[97]VRML,%
874 [AMS]VHDL,[ANSI]C,[ANSI]C++,[AlLaTeX]TeX,[AspectJ]Java,[Auto]Lisp,%
875 [Borland6]Pascal,[CII]Simula,[CORBA]IDL,[DEC]Simula,[GNU]C++,%
876 [Handel]C,[IBM]Simula,[ISO]C++,[LaTeX]TeX,[Motorola68k]Assembler,%
877 [OMG]OCL,[Objective]C,[Objective]Caml,[PLUS]S,[POSIX]Awk,[R/2
878 4.3]ABAP,[R/2 5.0]ABAP,[R/3 3.1]ABAP,[R/3 4.6C]ABAP,[R/3 6.10]ABAP,%
879 [Sharp]C,[Standard]Pascal,[VM/XA]Rexx,[Visual]Basic,[Visual]C++,%
880 [WinXP]command.com,[XSC]Pascal,[common]TeX,[decorative]OCL,%
881 [empty]IDL,[empty]Java,[empty]Lisp,[empty]Rexx,[empty]S,%
882 [empty]VHDL,[empty]make,[empty]tcl,[gnu]Awk,[gnu]make,[ibm]Cobol,%
883 [light]Caml,[plain]TeX,[primitive]TeX,[tk]tcl,[x86masm]Assembler,%
884 abovecaptionskip,aboveskip,alsodigit,alsolanguage,alsoletter,%
885 alsoother,backgroundcolor,basewidth,bash,basicstyle,%
886 belowcaptionskip,belowskip,boxpos,breakatwhitespace,breakautoindent,
%
887 breakindent,breaklines,caption,captionpos,classoffset,columns,%
888 command.com,comment,comments,commentstyle,consecutivenumbers,csh,%
889 defaultdialect,deletecomment,deletedelim,deletedirectives,%
890 deleteemph,deleteendkeywords,deletehyperref,deleteindex,%
891 deletekeywordcomment,deletekeywords,deleteprocnamekeys,deletestring,
%
892 deletetxcs,delim,directives,directivestyle,draft,elisp,emph,%
893 emphstyle,emptylines,erlang,escapebegin,escapechar,escapeend,%
894 escapeinside,extendedchars,fancyvrb,fillcolor,final,firstline,%
895 firstnumber,flexiblecolumns,float,floatplacement,fontadjust,%
896 formats,formfeed,frame,framround,framerule,framesep,frameshape,%
897 framexbottommargin,framexleftmargin,framexrightmargin,%
898 framextopmargin,fvcmdparams,gobble,hansl,hyper,hyperanchor,%
899 hyperlink,hyperref,identifierstyle,includerangemarker,index,%
900 indexprocnames,indexstyle,inform,inputencoding,inputpath,%
901 keepspaces,keywordcomment,keywordcommentsemicolon,keywords,%
902 keywordsprefix,keywordstyle,ksh,label,language,lastline,lgrind,%
903 lgrindef,linrange,lineskip,linewidth,literate,make,makemacrouse,%
904 markfirstintag,mathescape,morecomment,moredelim,moredirectives,%
905 moreemph,moreendkeywords,morefvcmdparams,morehyperref,moreindex,%
906 morekeywordcomment,morekeywords,moreprocnamekeys,morestring,%
907 moretexcs,multicols,name,ndkeywords,ndkeywordstyle,noaspects,%
908 nolol,numberblanklines,numberbychapter,numberfirstline,numbers,%
909 numbersep,numberstyle,otherkeywords,podcomment,postbreak,prebreak,%
910 print,printpod,procnamekeys,procnames,procnamestyle,%
911 rangebeginprefix,rangebeginsuffix,rangeendprefix,rangeendsuffix,%
912 rangeprefix,rangesuffix,resetmargins,rulecolor,rulesep,%
913 rulesepcolor,savemem,sensitive,%
914 sh,showlines,showspaces,showstringspaces,showtabs,stepnumber,%
915 string,stringstyle,style,tab,tabsize>tag>tagstyle,tcl,texcl,%
916 texcs,texcsstyle,title,upquote,usekeywordsintag,xleftmargin,%
917 xrightmargin,LaTeX,TeX,tex%
918 },%
919 % Keywords of class 4 : values of keys (in key=value)
920 morekeywords=[4]{%

```

```

921     b,c,t,none,left,right,%
922 },%
923 % Keywords of class 5 : arguments specifications (after ":" in expl3
924 % syntax)
925 morekeywords=[5]{%
926 },%
927 % Keywords of class 6 : current package name (and possibly derived
928 % packages)
929 morekeywords=[6]{%
930     listings,%
931 },%
932 % otherkeywords={},%
933 alsoletter={@021.[ ]},%
934 % alsodigit={},%
935 % alsoother={},%
936 sensitive,%
937 }[keywords, tex, comments]%
938
939 \lst@definelanguage[xcolor]{TeX}{%
940     % Control sequences names
941     moretexcs={%
942         color,pagecolor,definecolor,colorlet,textcolor,%
943     },%
944     % Keywords of class 1 : keywords that contain other characters (since
945     % of the same class as the ones specified as 'otherkeywords')
946     morekeywords={%
947     },%
948     % Keywords of class 2 : environments names
949     morekeywords=[2]{%
950     },%
951     % Keywords of class 3 : mandatory arguments (not environments) &
952     % optional arguments which are keys (in key=value)
953     morekeywords=[3]{%
954         red,green,blue,cyan,magenta,yellow,black,gray,white,darkgray,%
955         lightgray,brown,lime,olive,orange,pink,purple,teal,violet },%
956     % Keywords of class 4 : values of keys (in key=value)
957     morekeywords=[4]{%
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         xcolor },%
967     % otherkeywords={},
968     % alsoletter={},
969     % alsodigit={},%
970     % alsoother={},%
971     sensitive,%
972 }[keywords, tex, comments]%

```

```

973
974 \lst@definlanguage[expl3]{TeX}{%
975   % Control sequences names
976   moretexcs={%
977     .bool_gset,%
978     ExplFileDate,ExplFileDescription,ExplFileName,ExplFileVersion,%
979     ExplSyntaxOff,ExplSyntaxOn,GetIdInfo,ProvidesExplClass,%
980     ProvidesExplFile,ProvidesExplPackage,bool_case_false,bool_case_true,
981     %
982     bool_const,bool_do_until,bool_do_while,bool_gset,bool_gset_eq,%
983     bool_gset_false,bool_gset_inverse,bool_gset_true,bool_if,%
984     bool_if_exist,bool_if_exist_p,bool_if_p,bool_lazy_all,%
985     bool_lazy_all_p,bool_lazy_and,bool_lazy_and_p,bool_lazy_any,%
986     bool_lazy_any_p,bool_lazy_or,bool_lazy_or_p,bool_log,bool_new,%
987     bool_not_p,bool_set,bool_set_eq,bool_set_false,bool_set_inverse,%
988     bool_set_true,bool_show,bool_to_str,bool_until_do,bool_while_do,%
989     bool_xor,bool_xor_p,box_autosize_to_wd_and_ht,%
990     box_autosize_to_wd_and_ht_plus_dp,box_clear,box_clear_new,box_clip,%
991     box_dp,box_gautosize_to_wd_and_ht,box_gautosize_to_wd_and_ht_plus_dp
992     ,%
993     box_gclear,box_gclear_new,box_gclip,box_gresize_to_ht,%
994     box_gresize_to_ht_plus_dp,box_gresize_to_wd,box_gresize_to_wd_and_ht
995     ,%
996     box_gresize_to_wd_and_ht_plus_dp,box_grotate,box_gscale,box_gset_dp,
997     %
998     box_gset_eq,box_gset_eq_drop,box_gset_ht,box_gset_to_last,%
999     box_gset_trim,box_gset_viewport,box_gset_wd,box_ht,box_ht_plus_dp,%
1000     box_if_empty,box_if_empty_p,box_if_exist,box_if_exist_p,%
1001     box_if_horizontal,box_if_horizontal_p,box_if_vertical,%
1002     box_if_vertical_p,box_log,box_move_down,box_move_left,%
1003     box_move_right,box_move_up,box_new,box_resize_to_ht,%
1004     box_resize_to_ht_plus_dp,box_resize_to_wd,box_resize_to_wd_and_ht,%
1005     box_resize_to_wd_and_ht_plus_dp,box_rotate,box_scale,box_set_dp,%
1006     box_set_eq,box_set_eq_drop,box_set_ht,box_set_to_last,box_set_trim,%
1007     box_set_viewport,box_set_wd,box_show,box_use,box_use_drop,box_wd,%
1008     c_alignment_token,c_ampersand_str,c_atsign_str,c_backslash_str,%
1009     c_catcode_active_space_tl,c_catcode_active_tl,c_catcode_letter_token
1010     ,%
1011     c_catcode_other_space_tl,c_catcode_other_token,c_circumflex_str,%
1012     c_code_cctab,c_colon_str,c_document_cctab,c_dollar_str,c_e_fp,%
1013     c_empty_box,c_empty_clist,c_empty_coffin,c_empty_prop,c_empty_seq,%
1014     c_empty_tl,c_false_bool,c_group_begin_token,c_group_end_token,%
1015     c_hash_str,c_inf_fp,c_initex_cctab,c_left_brace_str,c_log_iow,%
1016     c_math_subscript_token,c_math_superscript_token,c_math_toggle_token,
1017     %
1018     c_max_char_int,c_max_dim,c_max_int,c_max_muskip,c_max_register_int,%
1019     c_max_skip,c_minus_inf_fp,c_minus_zero_fp,c_nan_fp,c_novalue_tl,%
1020     c_one_degree_fp,c_one_fp,c_one_int,c_other_cctab,c_parameter_token,%
1021     c_percent_str,c_pi_fp,c_right_brace_str,c_space_tl,c_space_token,%
1022     c_str_cctab,c_sys_backend_str,c_sys_day_int,c_sys_engine_exec_str,%
1023     c_sys_engine_format_str,c_sys_engine_str,c_sys_engine_version_str,%
1024     c_sys_hour_int,c_sys_jobname_str,c_sys_minute_int,c_sys_month_int,%

```



```

1019 c_sys_output_str, c_sys_platform_str, c_sys_shell_escape_int, %
1020 c_sys_year_int, c_term_iow, c_tilde_str, c_true_bool, c_underscore_str, %
1021 c_zero_dim, c_zero_fp, c_zero_int, c_zero_muskip, c_zero_skip, %
1022 c_zero_str, cctab_begin, cctab_const, cctab_end, cctab_gset, %
1023 cctab_if_exist, cctab_if_exist_p, cctab_item, cctab_new, cctab_select, %
1024 char_foldcase, char_generate, char_gset_active_eq, char_lowercase, %
1025 char_set_active_eq, char_set_catcode, char_set_catcode_active, %
1026 char_set_catcode_alignment, char_set_catcode_comment, %
1027 char_set_catcode_end_line, char_set_catcode_escape, %
1028 char_set_catcode_group_begin, char_set_catcode_group_end, %
1029 char_set_catcode_ignore, char_set_catcode_invalid, %
1030 char_set_catcode_letter, char_set_catcode_math_subscript, %
1031 char_set_catcode_math_superscript, char_set_catcode_math_toggle, %
1032 char_set_catcode_other, char_set_catcode_parameter, %
1033 char_set_catcode_space, char_set_lccode, char_set_mathcode, %
1034 char_set_sfcode, char_set_uccode, char_show_value_catcode, %
1035 char_show_value_lccode, char_show_value_mathcode, %
1036 char_show_value_sfcode, char_show_value_uccode, char_str_foldcase, %
1037 char_str_lowercase, char_str_titlecase, char_str_uppercase, %
1038 char_titlecase, char_to_nfd, char_to_utfviii_bytes, char_uppercase, %
1039 char_value_catcode, char_value_lccode, char_value_mathcode, %
1040 char_value_sfcode, char_value_uccode, clist_clear, clist_clear_new, %
1041 clist_concat, clist_const, clist_count, clist_gclear, clist_gclear_new, %
1042 clist_gconcat, clist_get, clist_gpop, clist_gpush, clist_gput_left, %
1043 clist_gput_right, clist_gremove_all, clist_gremove_duplicates, %
1044 clist_greverse, clist_gset, clist_gset_eq, clist_gset_from_seq, %
1045 clist_gsort, clist_if_empty, clist_if_empty_p, clist_if_exist, %
1046 clist_if_exist_p, clist_if_in, clist_item, clist_log, clist_map_break, %
1047 clist_map_function, clist_map_inline, clist_map_tokens, %
1048 clist_map_variable, clist_new, clist_pop, clist_push, clist_put_left, %
1049 clist_put_right, clist_rand_item, clist_remove_all, %
1050 clist_remove_duplicates, clist_reverse, clist_set, clist_set_eq, %
1051 clist_set_from_seq, clist_show, clist_sort, clist_use, coffin_attach, %
1052 coffin_clear, coffin_display_handles, coffin_dp, coffin_gattach, %
1053 coffin_gclear, coffin_gjoin, coffin_gresize, coffin_grotate, %
1054 coffin_gscale, coffin_gset_eq, coffin_gset_horizontal_pole, %
1055 coffin_gset_vertical_pole, coffin_ht, coffin_if_exist, %
1056 coffin_if_exist_p, coffin_join, coffin_log, coffin_log_structure, %
1057 coffin_mark_handle, coffin_new, coffin_resize, coffin_rotate, %
1058 coffin_scale, coffin_set_eq, coffin_set_horizontal_pole, %
1059 coffin_set_vertical_pole, coffin_show, coffin_show_structure, %
1060 coffin_typeset, coffin_wd, color_ensure_current, color_export, %
1061 color_fill, color_group_begin, color_group_end, color_log, color_math, %
1062 color_model_new, color_profile_apply, color_select, color_set, %
1063 color_set_eq, color_show, color_stroke, cs_argument_spec, cs, cs_end, %
1064 cs_generate_from_arg_count, cs_generate_variant, cs_gset, cs_gset_eq, %
1065 cs_gset_nopar, cs_gset_protected, cs_gset_protected_nopar, cs_if_eq, %
1066 cs_if_eq_p, cs_if_exist, cs_if_exist_p, cs_if_exist_use, cs_if_free, %
1067 cs_if_free_p, cs_log, cs_meaning, cs_new, cs_new_eq, cs_new_nopar, %
1068 cs_new_protected, cs_new_protected_nopar, cs_prefix_spec, %
1069 cs_replacement_spec, cs_set, cs_set_eq, cs_set_nopar, cs_set_protected, %
1070 cs_set_protected_nopar, cs_show, cs_split_function, cs_to_str, %

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1071 cs_undefine, debug_off, debug_on, debug_resume, debug_suspend, dim_abs, %
1072 dim_add, dim_case, dim_compare, dim_compare_p, dim_const, dim_do_until, %
1073 dim_do_while, dim_eval, dim_gadd, dim_gset, dim_gset_eq, dim_gsub, %
1074 dim_gzero, dim_gzero_new, dim_if_exist, dim_if_exist_p, dim_log, %
1075 dim_max, dim_min, dim_new, dim_ratio, dim_set, dim_set_eq, dim_show, %
1076 dim_sign, dim_step_function, dim_step_inline, dim_step_variable, %
1077 dim_sub, dim_to_decimal, dim_to_decimal_in_bp, dim_to_decimal_in_sp, %
1078 dim_to_decimal_in_unit, dim_to_fp, dim_until_do, dim_use, dim_while_do, %
1079 dim_zero, dim_zero_new, draw_begin, draw_end, else, exp_after, exp_args, %
1080 exp_args_generate, exp_end, exp_end_continue_f, exp_last_two_unbraced, %
1081 exp_last_unbraced, exp_not, exp_stop_f, expandafter, expanded, fi, %
1082 file_compare_timestamp, file_compare_timestamp_p, file_full_name, %
1083 file_get, file_get_full_name, file_get_hex_dump, file_get_md5five_hash, %
1084 file_get_size, file_get_timestamp, file_hex_dump, file_if_exist, %
1085 file_if_exist_input, file_input, file_input_stop, file_log_list, %
1086 file_md5five_hash, file_parse_full_name, file_parse_full_name_apply, %
1087 file_show_list, file_size, file_timestamp, flag_clear, flag_clear_new, %
1088 flag_height, flag_if_exist, flag_if_exist_p, flag_if_raised, %
1089 flag_if_raised_p, flag_log, flag_new, flag_raise, flag_raise_if_clear, %
1090 flag_show, fp_abs, fp_add, fp_compare, fp_compare_p, fp_const, %
1091 fp_do_until, fp_do_while, fp_eval, fp_format, fp_gadd, fp_gset, %
1092 fp_gset_eq, fp_gsub, fp_gzero, fp_gzero_new, fp_if_exist, fp_if_exist_p, %
1093 fp_if_nan, fp_if_nan_p, fp_log, fp_max, fp_min, fp_new, fp_set, %
1094 fp_set_eq, fp_show, fp_sign, fp_step_function, fp_step_inline, %
1095 fp_step_variable, fp_sub, fp_to_decimal, fp_to_dim, fp_to_int, %
1096 fp_to_scientific, fp_to_tl, fp_trap, fp_until_do, fp_use, fp_while_do, %
1097 fp_zero, fp_zero_new, farray_count, farray_gset, farray_gzero, %
1098 farray_item, farray_item_to_tl, farray_new, g_file_curr_dir_str, %
1099 g_file_curr_ext_str, g_file_curr_name_str, g_msg_module_name_prop, %
1100 g_msg_module_type_prop, g_peek_token, %
1101 g__letgut_tmpa_bool, g__letgut_tmpa_box, g__letgut_tmpa_clist, %
1102 g__letgut_tmpa_coffin, g__letgut_tmpa_dim, g__letgut_tmpa_fp, %
1103 g__letgut_tmpa_int, g__letgut_tmpa_iior, g__letgut_tmpa_iow, %
1104 g__letgut_tmpa_muskip, g__letgut_tmpa_prop, g__letgut_tmpa_regex, %
1105 g__letgut_tmpa_seq, g__letgut_tmpa_skip, g__letgut_tmpa_str, %
1106 g__letgut_tmpa_tl, g__letgut_tmpb_bool, g__letgut_tmpb_box, %
1107 g__letgut_tmpb_clist, g__letgut_tmpb_coffin, g__letgut_tmpb_dim, %
1108 g__letgut_tmpb_fp, g__letgut_tmpb_int, g__letgut_tmpb_iior, %
1109 g__letgut_tmpb_iow, g__letgut_tmpb_muskip, g__letgut_tmpb_prop, %
1110 g__letgut_tmpb_regex, g__letgut_tmpb_seq, g__letgut_tmpb_skip, %
1111 g__letgut_tmpb_str, g__letgut_tmpb_tl, %
1112 group_align_safe_begin, %
1113 group_align_safe_end, group_begin, group_end, group_insert_after, %
1114 group_log_list, group_show_list, hbox, hbox_gset, hbox_gset_end, %
1115 hbox_gset_to_wd, hbox_overlap_center, hbox_overlap_left, %
1116 hbox_overlap_right, hbox_set, hbox_set_end, hbox_set_to_wd, hbox_to_wd, %
1117 hbox_to_zero, hbox_unpack, hbox_unpack_drop, hcoffin_gset, %
1118 hcoffin_gset_end, hcoffin_set, hcoffin_set_end, if, if_bool, %
1119 if_box_empty, if_case, if_catcode, if_charcode, if_cs_exist, if_dim, %
1120 if_eof, if_false, if_hbox, if_int_compare, if_int_odd, if_meaning, %
1121 if_mode_horizontal, if_mode_inner, if_mode_math, if_mode_vertical, %
1122 if_predicate, if_true, if_vbox, int_abs, int_add, int_case, int_compare, %

```



```

1123     int_compare_p, int_const, int_decr, int_div_round, int_div_truncate, %
1124     int_do_until, int_do_while, int_eval, int_from_alph, int_from_base, %
1125     int_from_bin, int_from_hex, int_from_oct, int_from_roman, int_gadd, %
1126     int_gdecr, int_gincr, int_gset, int_gset_eq, int_gsub, int_gzero, %
1127     int_gzero_new, int_if_even, int_if_even_p, int_if_exist, int_if_exist_p,
1128     %
1129     int_if_odd, int_if_odd_p, int_incr, int_log, int_max, int_min, int_mod, %
1130     int_new, int_rand, int_set, int_set_eq, int_show, int_sign, %
1131     int_step_..., int_step_function, int_step_inline, int_step_variable, %
1132     int_sub, int_to_Alph, int_to_Base, int_to_Hex, int_to_Roman, %
1133     int_to_alph, int_to_arabic, int_to_base, int_to_bin, int_to_hex, %
1134     int_to_oct, int_to_roman, int_to_symbols, int_until_do, int_use, %
1135     int_value, int_while_do, int_zero, int_zero_new, %
1136     intarray_const_from_clist, intarray_count, intarray_gset, %
1137     intarray_gset_rand, intarray_gzero, intarray_item, intarray_log, %
1138     intarray_new, intarray_rand_item, intarray_show, intarray_to_clist, %
1139     ior_close, ior_get, ior_get_term, ior_if_eof, ior_if_eof_p, ior_log, %
1140     ior_log_list, ior_map_break, ior_map_inline, ior_map_variable, ior_new, %
1141     ior_open, ior_shell_open, ior_show, ior_show_list, ior_str_get, %
1142     ior_str_get_term, ior_str_map_inline, ior_str_map_variable, %
1143     iow_allow_break, iow_char, iow_close, iow_indent, iow_log, iow_log_list, %
1144     iow_new, iow_newline, iow_now, iow_open, iow_shipout, iow_shipout_x, %
1145     iow_show, iow_show_list, iow_term, iow_wrap, keys_define, %
1146     keys_if_choice_exist, keys_if_choice_exist_p, keys_if_exist, %
1147     keys_if_exist_p, keys_log, keys_set, keys_set_filter, keys_set_groups, %
1148     keys_set_known, keys_show, keyval_parse, l_char_active_seq, %
1149     l_char_special_seq, l_color_fixed_model_tl, l_color_math_active_tl, %
1150     l_file_search_path_seq, l_iow_line_count_int, l_keys_choice_int, %
1151     l_keys_choice_tl, l_keys_key_str, l_keys_path_str, %
1152     l_keys_usage_load_prop, l_keys_usage_preamble_prop, l_keys_value_tl, %
1153     l_my_int, l_peek_token, l_text_accents_tl, l_text_case_exclude_arg_tl, %
1154     l_text_expand_exclude_tl, l_text_letterlike_tl, l_text_math_arg_tl, %
1155     l_text_math_delims_tl, l_text_titlecase_check_letter_bool, %
1156     l__letgut_tmpa_bool, l__letgut_tmpa_box, l__letgut_tmpa_clist, %
1157     l__letgut_tmpa_coffin, l__letgut_tmpa_dim, l__letgut_tmpa_fp, %
1158     l__letgut_tmpa_int, l__letgut_tmpa_muskip, l__letgut_tmpa_prop, %
1159     l__letgut_tmpa_regex, l__letgut_tmpa_seq, l__letgut_tmpa_skip, %
1160     l__letgut_tmpa_str, l__letgut_tmpa_tl, l__letgut_tmpb_bool, %
1161     l__letgut_tmpb_box, l__letgut_tmpb_clist, l__letgut_tmpb_coffin, %
1162     l__letgut_tmpb_dim, l__letgut_tmpb_fp, l__letgut_tmpb_int, %
1163     l__letgut_tmpb_muskip, l__letgut_tmpb_prop, l__letgut_tmpb_regex, %
1164     l__letgut_tmpb_seq, l__letgut_tmpb_skip, l__letgut_tmpb_str, %
1165     l__letgut_tmpb_tl, %
1166     legacy_if, legacy_if_gset, legacy_if_gset_false, %
1167     legacy_if_gset_true, legacy_if_p, legacy_if_set, legacy_if_set_false, %
1168     legacy_if_set_true, lua_escape, lua_now, lua_shipout, lua_shipout_e, %
1169     mode_if_horizontal, mode_if_horizontal_p, mode_if_inner, %
1170     mode_if_inner_p, mode_if_math, mode_if_math_p, mode_if_vertical, %
1171     mode_if_vertical_p, mode_leave_vertical, msg_critical, %
1172     msg_critical_text, msg_error, msg_error_text, msg_expandable_error, %
1173     msg_fatal, msg_fatal_text, msg_gset, msg_if_exist, msg_if_exist_p, %
1174     msg_info, msg_info_text, msg_line_context, msg_line_number, msg_log, %

```

```

1174 msg_log_eval,msg_module_name,msg_module_type,msg_new,msg_none,%
1175 msg_note,msg_redirect_class,msg_redirect_module,msg_redirect_name,%
1176 msg_see_documentation_text,msg_set,msg_show,msg_show_eval,%
1177 msg_show_item,msg_show_item_unbraced,msg_term,msg_warning,%
1178 msg_warning_text,muskip_add,muskip_const,muskip_eval,muskip_gadd,%
1179 muskip_gset,muskip_gset_eq,muskip_gsub,muskip_gzero,%
1180 muskip_gzero_new,muskip_if_exist,muskip_if_exist_p,muskip_log,%
1181 muskip_new,muskip_set,muskip_set_eq,muskip_show,muskip_sub,%
1182 muskip_use,muskip_zero,muskip_zero_new,pdf_destination,%
1183 pdf_object_if_exist,pdf_object_if_exist_p,pdf_object_new,%
1184 pdf_object_ref,pdf_object_ref_last,pdf_object_unnamed_write,%
1185 pdf_object_write,pdf_pageobject_ref,pdf_pagobject_ref,pdf_uncompress
,%
1186 pdf_version,pdf_version_compare,pdf_version_compare_p,%
1187 pdf_version_gset,pdf_version_major,pdf_version_min_gset,%
1188 pdf_version_minor,peek_N_type,peek_after,peek_analysis_map_break,%
1189 peek_analysis_map_inline,peek_catcode,peek_catcode_collect_inline,%
1190 peek_catcode_remove,peek_charcode,peek_charcode_collect_inline,%
1191 peek_charcode_remove,peek_gafter,peek_meaning,%
1192 peek_meaning_collect_inline,peek_meaning_remove,peek_regex,%
1193 peek_regex_remove_once,peek_regex_replace_once,peek_remove_filler,%
1194 peek_remove_spaces,prg_break,prg_break_point,prg_do_nothing,%
1195 prg_generate_conditional_variant,prg_map_break,prg_new_conditional,%
1196 prg_new_eq_conditional,prg_new_protected_conditional,prg_replicate,%
1197 prg_return_false,prg_return_true,prg_set_conditional,%
1198 prg_set_eq_conditional,prg_set_protected_conditional,prop_clear,%
1199 prop_clear_new,prop_concat,prop_const_from_keyval,prop_count,%
1200 prop_gclear,prop_gclear_new,prop_gconcat,prop_get,prop_gpop,%
1201 prop_gput,prop_gput_from_keyval,prop_gput_if_new,prop_gremove,%
1202 prop_gset_eq,prop_gset_from_keyval,prop_if_empty,prop_if_empty_p,%
1203 prop_if_exist,prop_if_exist_p,prop_if_in,prop_if_in_p,prop_item,%
1204 prop_log,prop_map_break,prop_map_function,prop_map_inline,%
1205 prop_map_tokens,prop_new,prop_pop,prop_put,prop_put_from_keyval,%
1206 prop_put_if_new,prop_rand_key_value,prop_remove,prop_set_eq,%
1207 prop_set_from_keyval,prop_show,prop_to_keyval,q_mark,q_nil,%
1208 q_no_value,q_recursion_stop,q_recursion_tail,q_stop,quark_if_nil,%
1209 quark_if_nil_p,quark_if_no_value,quark_if_no_value_p,%
1210 quark_if_recursion_tail_break,quark_if_recursion_tail_stop,%
1211 quark_if_recursion_tail_stop_do,quark_new,regex_const,regex_count,%
1212 regex_extract_all,regex_extract_once,regex_gset,regex_log,%
1213 regex_match,regex_match_case,regex_new,regex_replace,%
1214 regex_replace_all,regex_replace_case_all,regex_replace_case_once,%
1215 regex_replace_once,regex_set,regex_show,regex_split,reverse_if,%
1216 s_stop,scan_new,scan_stop,seq_clear,seq_clear_new,seq_concat,%
1217 seq_const_from_clist,seq_count,seq_gclear,seq_gclear_new,%
1218 seq_gconcat,seq_get,seq_get_left,seq_get_right,seq_gpop,%
1219 seq_gpop_item,seq_gpop_left,seq_gpop_right,seq_gpush,seq_gput_left,%
1220 seq_gput_right,seq_gremove_all,seq_gremove_duplicates,seq_greverse,%
1221 seq_gset_eq,seq_gset_filter,seq_gset_from_clist,%
1222 seq_gset_from_function,seq_gset_from_inline_x,seq_gset_item,%
1223 seq_gset_map,seq_gset_map_x,seq_gset_split,%
1224 seq_gset_split_keep_spaces,seq_gshuffle,seq_gsort,seq_if_empty,%

```

```

1225 seq_if_empty_p, seq_if_exist, seq_if_exist_p, seq_if_in, seq_item, %
1226 seq_log, seq_map_break, seq_map_function, seq_map_indexed_function, %
1227 seq_map_indexed_inline, seq_map_inline, seq_map_tokens, %
1228 seq_map_variable, seq_mapthread_function, seq_new, seq_pop, %
1229 seq_pop_item, seq_pop_left, seq_pop_right, seq_push, seq_put_left, %
1230 seq_put_right, seq_rand_item, seq_remove_all, seq_remove_duplicates, %
1231 seq_reverse, seq_set_eq, seq_set_filter, seq_set_from_clist, %
1232 seq_set_from_function, seq_set_from_inline_x, seq_set_item, seq_set_map
    , %
1233 seq_set_map_x, seq_set_split, seq_set_split_keep_spaces, seq_show, %
1234 seq_shuffle, seq_sort, seq_use, skip_add, skip_const, skip_eval, %
1235 skip_gadd, skip_gset, skip_gset_eq, skip_gsub, skip_gzero, %
1236 skip_gzero_new, skip_horizontal, skip_if_eq, skip_if_eq_p, %
1237 skip_if_exist, skip_if_exist_p, skip_if_finite, skip_if_finite_p, %
1238 skip_log, skip_new, skip_set, skip_set_eq, skip_show, skip_sub, %
1239 skip_use, skip_vertical, skip_zero, skip_zero_new, sort_return_same, %
1240 sort_return_swapped, str_case, str_case_e, str_clear, str_clear_new, %
1241 str_compare, str_compare_p, str_concat, str_const, str_convert_pdfname, %
1242 str_count, str_count_ignore_spaces, str_count_spaces, str_foldcase, %
1243 str_gclear, str_gconcat, str_gput_left, str_gput_right, str_gremove_all,
    %
1244 str_gremove_once, str_greplace_all, str_greplace_once, str_gset, %
1245 str_gset_convert, str_gset_eq, str_head, str_head_ignore_spaces, %
1246 str_if_empty, str_if_empty_p, str_if_eq, str_if_eq_p, str_if_exist, %
1247 str_if_exist_p, str_if_in, str_item, str_item_ignore_spaces, str_log, %
1248 str_lowercase, str_map_break, str_map_function, str_map_inline, %
1249 str_map_tokens, str_map_variable, str_new, str_put_left, str_put_right, %
1250 str_range, str_range_ignore_spaces, str_remove_all, str_remove_once, %
1251 str_replace_all, str_replace_once, str_set, str_set_convert, str_set_eq,
    %
1252 str_show, str_tail, str_tail_ignore_spaces, str_uppercase, str_use, %
1253 sys_finalise, sys_get_shell, sys_gset_rand_seed, sys_if_engine luatex, %
1254 sys_if_engine luatex_p, sys_if_engine pdftex, sys_if_engine pdftex_p, %
1255 sys_if_engine ptex, sys_if_engine ptex_p, sys_if_engine uptex, %
1256 sys_if_engine uptex_p, sys_if_engine xetex, sys_if_engine xetex_p, %
1257 sys_if_output_dvi, sys_if_output_dvi_p, sys_if_output_pdf, %
1258 sys_if_output_pdf_p, sys_if_platform_unix, sys_if_platform_unix_p, %
1259 sys_if_platform_windows, sys_if_platform_windows_p, sys_if_rand_exist,
    %
1260 sys_if_rand_exist_p, sys_if_shell, sys_if_shell_p, %
1261 sys_if_shell_restricted, sys_if_shell_restricted_p, %
1262 sys_if_shell_unrestricted, sys_if_shell_unrestricted_p, %
1263 sys_load_backend, sys_load_debug, sys_rand_seed, sys_shell_now, %
1264 sys_shell_shipout, sys_timer, text_declare_expand_equivalent, %
1265 text_declare_purify_equivalent, text_expand, text_lowercase, %
1266 text_purify, text_titlecase, text_titlecase_first, text_uppercase, %
1267 tl_analysis_log, tl_analysis_map_inline, tl_analysis_show, %
1268 tl_build_begin, tl_build_clear, tl_build_end, tl_build_gbegin, %
1269 tl_build_gclear, tl_build_gend, tl_build_get, tl_build_gput_left, %
1270 tl_build_gput_right, tl_build_put_left, tl_build_put_right, tl_case, %
1271 tl_clear, tl_clear_new, tl_concat, tl_const, tl_count, tl_count_tokens, %
1272 tl_gclear, tl_gclear_new, tl_gconcat, tl_gput_left, tl_gput_right, %

```

```

1273     tl_gremove_all,tl_gremove_once,tl_greplace_all,tl_greplace_once,%
1274     tl_greverse,tl_gset,tl_gset_eq,tl_gset_rescan,tl_gsort,%
1275     tl_gtrim_spaces,tl_head,tl_if_blank,tl_if_blank_p,tl_if_empty,%
1276     tl_if_empty_p,tl_if_eq,tl_if_eq_p,tl_if_exist,tl_if_exist_p,%
1277     tl_if_head_eq_catcode,tl_if_head_eq_catcode_p,tl_if_head_eq_charcode
1278     ,%
1278     tl_if_head_eq_charcode_p,tl_if_head_eq_meaning,%
1279     tl_if_head_eq_meaning_p,tl_if_head_is_N_type,tl_if_head_is_N_type_p,
1279     %
1280     tl_if_head_is_group,tl_if_head_is_group_p,tl_if_head_is_space,%
1281     tl_if_head_is_space_p,tl_if_in,tl_if_novalue,tl_if_novalue_p,%
1282     tl_if_single,tl_if_single_p,tl_if_single_token,tl_if_single_token_p,
1282     %
1283     tl_item,tl_log,tl_map_break,tl_map_function,tl_map_inline,%
1284     tl_map_tokens,tl_map_variable,tl_new,tl_put_left,tl_put_right,%
1285     tl_rand_item,tl_range,tl_range_braced,tl_range_unbraced,%
1286     tl_remove_all,tl_remove_once,tl_replace_all,tl_replace_once,%
1287     tl_rescan,tl_reverse,tl_reverse_items,tl_set,tl_set_eq,%
1288     tl_set_rescan,tl_show,tl_sort,tl_tail,tl_to_str,tl_trim_spaces,%
1289     tl_trim_spaces_apply,tl_use,token_case_catcode,token_case_charcode,%
1290     token_case_meaning,token_if_active,token_if_active_p,%
1291     token_if_alignment,token_if_alignment_p,token_if_chardef,%
1292     token_if_chardef_p,token_if_cs,token_if_cs_p,token_if_dim_register,%
1293     token_if_dim_register_p,token_if_eq_catcode,token_if_eq_catcode_p,%
1294     token_if_eq_charcode,token_if_eq_charcode_p,token_if_eq_meaning,%
1295     token_if_eq_meaning_p,token_if_expandable,token_if_expandable_p,%
1296     token_if_font_selection,token_if_font_selection_p,%
1297     token_if_group_begin,token_if_group_begin_p,token_if_group_end,%
1298     token_if_group_end_p,token_if_int_register,token_if_int_register_p,%
1299     token_if_letter,token_if_letter_p,token_if_long_macro,%
1300     token_if_long_macro_p,token_if_macro,token_if_macro_p,%
1301     token_if_math_subscript,token_if_math_subscript_p,%
1302     token_if_math_superscript,token_if_math_superscript_p,%
1303     token_if_math_toggle,token_if_math_toggle_p,token_if_mathchardef,%
1304     token_if_mathchardef_p,token_if_muskip_register,%
1305     token_if_muskip_register_p,token_if_other,token_if_other_p,%
1306     token_if_parameter,token_if_parameter_p,token_if_primitive,%
1307     token_if_primitive_p,token_if_protected_long_macro,%
1308     token_if_protected_long_macro_p,token_if_protected_macro,%
1309     token_if_protected_macro_p,token_if_skip_register,%
1310     token_if_skip_register_p,token_if_space,token_if_space_p,%
1311     token_if_toks_register,token_if_toks_register_p,token_to_meaning,%
1312     token_to_str,unvcopy,use,use_i,use_i_delimit_by_q_nil,%
1313     use_i_delimit_by_q_recursion_stop,use_i_delimit_by_q_stop,use_ii,%
1314     use_ii,use_ii_i,use_iii,use_iv,use_none,use_none_delimit_by_q_nil,%
1315     use_none_delimit_by_q_recursion_stop,use_none_delimit_by_q_stop,%
1316     use_none_delimit_by_s_stop,vbox,vbox_gset,vbox_gset_end,%
1317     vbox_gset_split_to_ht,vbox_gset_to_ht,vbox_gset_top,vbox_set,%
1318     vbox_set_end,vbox_set_split_to_ht,vbox_set_to_ht,vbox_set_top,%
1319     vbox_to_ht,vbox_to_zero,vbox_top,vbox_unpack,vbox_unpack_drop,%
1320     vcoffin_gset,vcoffin_gset_end,vcoffin_set,vcoffin_set_end,%
1321 },%

```

```

1322 % Keywords of class 1 : keywords that contain other characters (since
1323 % of the same class as the ones specified as 'otherkeywords')
1324 morekeywords={%
1325 },%
1326 % Keywords of class 2 : environments names
1327 morekeywords=[2]{%
1328 },%
1329 % Keywords of class 3 : mandatory arguments (not environments) &
1330 % optional arguments which are keys (in key=value)
1331 morekeywords=[3]{%
1332     name,alternative-model,alternative-values,%
1333 },%
1334 % Keywords of class 4 : values of keys (in key=value)
1335 morekeywords=[4]{%
1336     cmyk,%
1337 },%
1338 % Keywords of class 5 : arguments specifications (after ":" in expl3
1339 % syntax)
1340 morekeywords=[5]{%
1341     D,N,Nn,NF,NN,Nx,NT,NTF,NNn,NnV,Nnn,Npn,Nnnn,V,c,e,en,f,n,nF,%
1342     nn,nT,nnn,nnF,nnV,nTF,nnnn,nNnF,nNnT,nnVV,o,p,v,w,x,nnTF,%
1343 },%
1344 % Keywords of class 6 : current package name (and possibly derived
1345 % packages)
1346 morekeywords=[6]{%
1347     expl3,%
1348 },%
1349 otherkeywords={:,~},%
1350 alsoletter={_-.},%
1351 % alsodigit={},%
1352 % alsoother={},%
1353 sensitive,%
1354 }[keywords,tex,comments]%
1355
1356 \lst@definlanguage[pdftex]{TeX}{%
1357     % Control sequences names
1358     moretexcs={%
1359         pdfinfo,pdfcatalog,pdfpageattr,pdfpagesattr,pdfpageresources,%
1360         pdfcolorstack,%
1361     },%
1362     % Keywords of class 1 : keywords that contain other characters (since
1363     % of the same class as the ones specified as 'otherkeywords')
1364     morekeywords={%
1365     },%
1366     % Keywords of class 2 : environments names
1367     morekeywords=[2]{%
1368     },%
1369     % Keywords of class 3 : mandatory arguments (not environments) &
1370     % optional arguments which are keys (in key=value)
1371     morekeywords=[3]{%
1372     },%
1373     % Keywords of class 4 : values of keys (in key=value)

```

```

1374     morekeywords=[4]{%
1375     },%
1376     % Keywords of class 5 : arguments specifications (after ":" in expl3
1377     % syntax)
1378     morekeywords=[5]{%
1379     },%
1380     % Keywords of class 6 : current package name (and possibly derived
1381     % packages)
1382     morekeywords=[6]{%
1383         pdftex,%
1384     },%
1385     % otherkeywords={},
1386     % alsoletter={},
1387     % alsodigit={},%
1388     % alsoother={},%
1389     sensitive,%
1390 }[keywords, tex, comments]%
1391
1392 \lst@definlanguage[luatex]{TeX}{%
1393     % Control sequences names
1394     moretexcs={%
1395         pdfextension, ifluatex, directlua,%
1396     },%
1397     % Keywords of class 1 : keywords that contain other characters (since
1398     % of the same class as the ones specified as 'otherkeywords')
1399     morekeywords={%
1400     },%
1401     % Keywords of class 2 : environments names
1402     morekeywords=[2]{%
1403     },%
1404     % Keywords of class 3 : mandatory arguments (not environments) &
1405     % optional arguments which are keys (in key=value)
1406     morekeywords=[3]{%
1407         colorstack },%
1408     % Keywords of class 4 : values of keys (in key=value)
1409     morekeywords=[4]{%
1410     },%
1411     % Keywords of class 5 : arguments specifications (after ":" in expl3
1412     % syntax)
1413     morekeywords=[5]{%
1414     },%
1415     % Keywords of class 6 : current package name (and possibly derived
1416     % packages)
1417     morekeywords=[6]{%
1418         luatex,%
1419     },%
1420     % otherkeywords={},
1421     % alsoletter={},
1422     % alsodigit={},%
1423     % alsoother={},%
1424     sensitive,%
1425 }[keywords, tex, comments]%

```



```

1426
1427 \lst@definlanguage[dvips]{TeX}{%
1428   % Control sequences names
1429   moretexcs={%
1430   },%
1431   % Keywords of class 1 : keywords that contain other characters (since
1432   % of the same class as the ones specified as 'otherkeywords')
1433   morekeywords={%
1434   },%
1435   % Keywords of class 2 : environments names
1436   morekeywords=[2]{%
1437   },%
1438   % Keywords of class 3 : mandatory arguments (not environments) &
1439   % optional arguments which are keys (in key=value)
1440   morekeywords=[3]{%
1441     color,push,%
1442   },%
1443   % Keywords of class 4 : values of keys (in key=value)
1444   morekeywords=[4]{%
1445   },%
1446   % Keywords of class 5 : arguments specifications (after ":" in expl3
1447   % syntax)
1448   morekeywords=[5]{%
1449   },%
1450   % Keywords of class 6 : current package name (and possibly derived
1451   % packages)
1452   morekeywords=[6]{%
1453     dvips,%
1454   },%
1455   % otherkeywords={},
1456   % alsoletter={},
1457   % alsodigit={},%
1458   % alsoother={},%
1459   sensitive,%
1460 }[keywords,tex,comments]%
1461
1462 \lst@definlanguage[xetex]{TeX}{%
1463   % Control sequences names
1464   moretexcs={%
1465   },%
1466   % Keywords of class 1 : keywords that contain other characters (since
1467   % of the same class as the ones specified as 'otherkeywords')
1468   morekeywords={%
1469   },%
1470   % Keywords of class 2 : environments names
1471   morekeywords=[2]{%
1472   },%
1473   % Keywords of class 3 : mandatory arguments (not environments) &
1474   % optional arguments which are keys (in key=value)
1475   morekeywords=[3]{%
1476     pdfcolorstack,%
1477   },%

```

```

1478 % Keywords of class 4 : values of keys (in key=value)
1479 morekeywords=[4]{%
1480 },%
1481 % Keywords of class 5 : arguments specifications (after ":" in expl3
1482 % syntax)
1483 morekeywords=[5]{%
1484 },%
1485 % Keywords of class 6 : current package name (and possibly derived
1486 % packages)
1487 morekeywords=[6]{%
1488 xetex,%
1489 },%
1490 % otherkeywords={},
1491 % alsoletter={},
1492 % alsodigit={},%
1493 % alsoother={},%
1494 sensitive,%
1495 }[keywords,tex,comments]%
1496
1497 \lst@definlanguage[inputenc]{TeX}{%
1498 % Control sequences names
1499 moretexcs={%
1500 },%
1501 % Keywords of class 1 : keywords that contain other characters (since
1502 % of the same class as the ones specified as 'otherkeywords')
1503 morekeywords={%
1504 },%
1505 % Keywords of class 2 : environments names
1506 morekeywords=[2]{%
1507 },%
1508 % Keywords of class 3 : mandatory arguments (not environments) &
1509 % optional arguments which are keys (in key=value)
1510 morekeywords=[3]{%
1511 latin1 },%
1512 % Keywords of class 4 : values of keys (in key=value)
1513 morekeywords=[4]{%
1514 },%
1515 % Keywords of class 5 : arguments specifications (after ":" in expl3
1516 % syntax)
1517 morekeywords=[5]{%
1518 },%
1519 % Keywords of class 6 : current package name (and possibly derived
1520 % packages)
1521 morekeywords=[6]{%
1522 inputenc,%
1523 },%
1524 % otherkeywords={},%
1525 alsoletter={1},%
1526 % alsodigit={},%
1527 % alsoother={},%
1528 sensitive,%
1529 }[keywords,tex,comments]%

```



```

1530
1531 \lst@definlanguage[pdfmanagement-testphase]{TeX}{%
1532   % Control sequences names
1533   moretexcs={%
1534     pdfmanagement_add,DeclareDocumentMetadata,AddToDocumentProperties,%
1535     ShowDocumentProperties,GetDocumentProperties,%
1536   },%
1537   % Keywords of class 1 : keywords that contain other characters (since
1538   % of the same class as the ones specified as 'otherkeywords')
1539   morekeywords={%
1540   },%
1541   % Keywords of class 2 : environments names
1542   morekeywords=[2]{%
1543   },%
1544   % Keywords of class 3 : mandatory arguments (not environments) &
1545   % optional arguments which are keys (in key=value)
1546   morekeywords=[3]{% Keys or optional arguments
1547     pdfmanagement-testphase,uncompress,geometry,top-level,backend,Info,%
1548     ThisPage,pdfversion,pdfstandard,paper,topic,Title,Rotate,%
1549   },%
1550   % Keywords of class 4 : values of keys (in key=value)
1551   morekeywords=[4]{%
1552     dvipdfmx,%
1553   },%
1554   % Keywords of class 5 : arguments specifications (after ":" in expl3
1555   % syntax)
1556   morekeywords=[5]{%
1557     nnn,%
1558   },%
1559   % Keywords of class 6 : current package name (and possibly derived
1560   % packages)
1561   morekeywords=[6]{%
1562     pdfmanagement-testphase,%
1563   },
1564   otherkeywords={:},%
1565   alsoletter={_-},%
1566   % alsodigit={},%
1567   % alsoother={},%
1568   sensitive,%
1569 }[keywords,tex,comments]%
1570
1571 \lst@definlanguage[rotating]{TeX}{%
1572   % Control sequences names
1573   moretexcs={%
1574   },%
1575   % Keywords of class 1 : keywords that contain other characters (since
1576   % of the same class as the ones specified as 'otherkeywords')
1577   morekeywords={%
1578   },%
1579   % Keywords of class 2 : environments names
1580   morekeywords=[2]{%
1581     sidewaysstable,%

```

```

1582     },%
1583     % Keywords of class 3 : mandatory arguments (not environments) &
1584     % optional arguments which are keys (in key=value)
1585     morekeywords=[3]{%
1586     },%
1587     % Keywords of class 4 : values of keys (in key=value)
1588     morekeywords=[4]{%
1589     },%
1590     % Keywords of class 5 : arguments specifications (after ":" in expl3
1591     % syntax)
1592     morekeywords=[5]{%
1593     },%
1594     % Keywords of class 6 : current package name (and possibly derived
1595     % packages)
1596     morekeywords=[6]{%
1597         rotating,%
1598     },%
1599     % alsoletter={},
1600     % alsodigit={},%
1601     % alsoother={},%
1602     sensitive,%
1603 }[keywords,tex,comments]%
1604
1605 \lst@definlanguage[fontenc]{TeX}%
1606 {%
1607     % Control sequences names
1608     moretexcs={%
1609     },%
1610     % Keywords of class 1 : keywords that contain other characters (since
1611     % of the same class as the ones specified as 'otherkeywords')
1612     morekeywords={%
1613     },%
1614     % Keywords of class 2 : environments names
1615     morekeywords=[2]{%
1616     },%
1617     % Keywords of class 3 : mandatory arguments (not environments) &
1618     % optional arguments which are keys (in key=value)
1619     morekeywords=[3]{%
1620         T1 },%
1621     % Keywords of class 4 : values of keys (in key=value)
1622     morekeywords=[4]{%
1623     },%
1624     % Keywords of class 5 : arguments specifications (after ":" in expl3
1625     % syntax)
1626     morekeywords=[5]{%
1627     },%
1628     % Keywords of class 6 : current package name (and possibly derived
1629     % packages)
1630     morekeywords=[6]{%
1631         fontenc,%
1632     },%
1633     % otherkeywords={},

```

```

1634 % alsoletter={1},%
1635 alsodigit={1},%
1636 % alsoother={},%
1637 sensitive,%
1638 }[keywords,tex,comments]%
1639
1640 \lst@definlanguage[babel]{TeX}%
1641 {%
1642 % Control sequences names
1643 moretexcs={%
1644     foreignlanguage,selectlanguage,iflanguage,%
1645 },%
1646 % Keywords of class 1 : keywords that contain other characters (since
1647 % of the same class as the ones specified as 'otherkeywords')
1648 morekeywords={%
1649 },%
1650 % Keywords of class 2 : environments names
1651 morekeywords=[2]{%
1652     otherlanguage,%
1653 },%
1654 % Keywords of class 3 : mandatory arguments (not environments) &
1655 % optional arguments which are keys (in key=value)
1656 morekeywords=[3]{%
1657 },%
1658 % Keywords of class 4 : values of keys (in key=value)
1659 morekeywords=[4]{%
1660     UKenglish,USenglish,acadian,afrikaans,american,arabic,australian,%
1661     austrian,azerbaijani,bahasa,bahasai,basque,bgreek,brazil,%
1662     brazilian,breton,british,bulgarian,canadian,canadien,catalan,%
1663     croatian,czech,danish,dutch,english,esperanto,estonian,ethiop,%
1664     farsi,finnish,français,french,frenchle,friulan,galician,german,%
1665     germanb,greek,hebrew,hindi,ibygreek,icelandic,indon,indonesian,%
1666     interlingua,irish,italian,japanese,latin,latvian,lithuanian,%
1667     lowersorbian,magyar,malay,melayu (bahasam),mongolian,naustrian,%
1668     newzealand,ngerman,norsk,nynorsk,pinyin,polish,polutonikogreek,%
1669     portuges,portuguese,romanian,romansh,russian,samin,scottish,%
1670     serbian,serbianc,slovak,slovene,spanglish,spanish,swedish,thai,%
1671     thaicjk,turkish,turkmen,ukrainian,uppersorbian,vietnamese,%
1672     welsh,%
1673 },%
1674 % Keywords of class 5 : arguments specifications (after ":" in expl3
1675 % syntax)
1676 morekeywords=[5]{%
1677 },%
1678 % Keywords of class 6 : current package name (and possibly derived
1679 % packages)
1680 morekeywords=[6]{%
1681     babel,%
1682 },%
1683 % otherkeywords={},
1684 % alsoletter={},
1685 % alsodigit={},%

```

```

1686     % alsoother={}, %
1687     sensitive,%
1688 }[keywords,tex,comments]%
1689
1690 \lst@definlanguage[babel-french]{TeX}%
1691 {%
1692     % Control sequences names
1693     moretexcs={%
1694         og,fg,up,bsc,ier,iers,iere,ieres,ieme,iemes,primo,secundo,%
1695         tertio,quarto,FrenchEnumerate,No,Nos,no,nos,degre,nombre,%
1696         frenchabstractname,frenchbibname,frenchrefname,frenchprefacename,%
1697         frenchchaptername,frenchappendixname,frenchcontentsname,%
1698         frenchlistfigurename,frenchlisttablename,frenchindexname,%
1699         frenchglossaryname,frenchfigurename,frenchtablename,frenchpartname,%
1700         frenchenclname,frenchccname,frenchheadtoname,frenchpagename,%
1701         frenchseename,frenchalsoname,frenchproofname%,%
1702         frquote,%
1703     },%
1704     % Keywords of class 1 : keywords that contain other characters (since
1705     % of the same class as the ones specified as 'otherkeywords')
1706     morekeywords={%
1707     },%
1708     % Keywords of class 2 : environments names
1709     morekeywords=[2]{%
1710     },%
1711     % Keywords of class 3 : mandatory arguments (not environments) &
1712     % optional arguments which are keys (in key=value)
1713     morekeywords=[3]{%
1714     },%
1715     % Keywords of class 4 : values of keys (in key=value)
1716     morekeywords=[4]{%
1717     },%
1718     % Keywords of class 5 : arguments specifications (after ":" in expl3
1719     % syntax)
1720     morekeywords=[5]{%
1721     },%
1722     % Keywords of class 6 : current package name (and possibly derived
1723     % packages)
1724     morekeywords=[6]{%
1725         babel-french,%
1726     },%
1727     % otherkeywords={},%
1728     alsoletter={-},%
1729     % alsodigit={},%
1730     % alsoother={},%
1731     sensitive,%
1732 }[keywords,tex,comments]%
1733
1734 \lst@definlanguage[kantlipsum]{TeX}%
1735     % Control sequences names
1736     moretexcs={%
1737         kant,%

```

```

1738     },%
1739     % Keywords of class 1 : keywords that contain other characters (since
1740     % of the same class as the ones specified as 'otherkeywords')
1741     morekeywords={%
1742     },%
1743     % Keywords of class 2 : environments names
1744     morekeywords=[2]{%
1745     },%
1746     % Keywords of class 3 : mandatory arguments (not environments) &
1747     % optional arguments which are keys (in key=value)
1748     morekeywords=[3]{%
1749     },%
1750     % Keywords of class 4 : values of keys (in key=value)
1751     morekeywords=[4]{%
1752     },%
1753     % Keywords of class 5 : arguments specifications (after ":" in expl3
1754     % syntax)
1755     morekeywords=[5]{%
1756     },%
1757     % Keywords of class 6 : current package name (and possibly derived
1758     % packages)
1759     morekeywords=[6]{%
1760     kantlipsum,%
1761     },%
1762     % otherkeywords={},
1763     % alsoletter={},
1764     % alsodigit={},%
1765     % alsoother={},%
1766     sensitive,%
1767 }[keywords, tex, comments]%
1768
1769 \lst@definlanguage[hyperxmp]{TeX}{%
1770     % Control sequences names
1771     moretexcs={%
1772     },%
1773     % Keywords of class 1 : keywords that contain other characters (since
1774     % of the same class as the ones specified as 'otherkeywords')
1775     morekeywords={%
1776     },%
1777     % Keywords of class 2 : environments names
1778     morekeywords=[2]{%
1779     },%
1780     % Keywords of class 3 : mandatory arguments (not environments) &
1781     % optional arguments which are keys (in key=value)
1782     morekeywords=[3]{%
1783     },%
1784     % Keywords of class 4 : values of keys (in key=value)
1785     morekeywords=[4]{%
1786     },%
1787     % Keywords of class 5 : arguments specifications (after ":" in expl3
1788     % syntax)
1789     morekeywords=[5]{%

```

```

1790     },%
1791     % Keywords of class 6 : current package name (and possibly derived
1792     % packages)
1793     morekeywords=[6]{%
1794         hyperxmp,%
1795     },%
1796     % otherkeywords={},
1797     % alsoletter={},
1798     % alsodigit={},%
1799     % alsoother={},%
1800     sensitive,%
1801 }[keywords, tex, comments]%
1802
1803 \lst@definlanguage[hyperref]{TeX}{%
1804     % Control sequences names
1805     moretexcs={%
1806         hypersetup, href, phantomsection, pdfstringdefDisableCommands, url,%
1807         nolinkurl, hyperbaseurl, hyperimage, hyperdef, hyperref, hyperlink,%
1808         hypertarget, hyperget, autoref, autopageref, ref*, pageref*, autoref*,%
1809         autopageref*, pdfstringdef, pdfbookmark, currentpdfbookmark,%
1810         subpdfbookmark, belowpdfbookmark, texorpdfstring, thispdfpagelabel,%
1811         hypercalcbp, nameref,%
1812     },%
1813     % Keywords of class 1 : keywords that contain other characters (since
1814     % of the same class as the ones specified as 'otherkeywords')
1815     morekeywords={%
1816     },%
1817     % Keywords of class 2 : environments names
1818     morekeywords=[2]{%
1819     },%
1820     % Keywords of class 3 : mandatory arguments (not environments) &
1821     % optional arguments which are keys (in key=value)
1822     morekeywords=[3]{%
1823         allbordercolors, allcolors, anchorcolor, backref, baseurl, bookmarks,%
1824         bookmarksnumbered, bookmarksopen, bookmarksopenlevel, bookmarkstype,%
1825         breaklinks, CJKbookmarks, citebordercolor, citecolor, colorlinks, debug,%
1826         destlabel, draft, driverfallback, dvipdfm, dvipdfmx, dvips, dvipsone,%
1827         dviwindo, encap, extension, filebordercolor, filecolor, final,%
1828         frenchlinks, hidelinks, hyperfigures, hyperfootnotes, hyperindex,%
1829         hypertex, hypertexnames, implicit, latex2html, linkbordercolor,%
1830         linkcolor, linktoc, linktocpage, menubordercolor, menucolor, nativepdf,%
1831         naturalnames, nesting, next-anchor, pageanchor, pagebackref, pdfauthor,%
1832         pdfborder, pdfborderstyle, pdfcenterwindow, pdfcreator, pdfdirection,%
1833         pdfdisplaydoctitle, pdfduplex, pdf-fitwindow, pdfhighlight, pdfinfo,%
1834         pdfkeywords, pdflang, pdfmark, pdfmenubar, pdfnewwindow,%
1835         pdfnonfullscreenpagemode, pdfnumcopies, pdfpagelabels, pdfpagelayout,%
1836         pdfpagemode, pdfpagescrop, pdfpagetransition, pdfpicktraybypdfsize,%
1837         pdfprintarea, pdfprintclip, pdfprintpagerange, pdfprintscaling,%
1838         pdfproducer, pdfremotestartview, pdfstartpage, pdfstartview, pdfsubject,%
1839         pdftex, pdftitle, pdftoolbar, pdftrapped, pdfview, pdfviewarea,%
1840         pdfviewclip, pdfwindowui, plainpages, ps2pdf, psdextra, raiselinks,%

```

```

1841     runbordercolor,runcolor,setpagesize,tex4ht,textures,unicode,%
1842     urlbordercolor,urlcolor,verbose,vtex,xetex,%
1843 },%
1844 % Keywords of class 4 : values of keys (in key=value)
1845 morekeywords=[4]{%
1846 },%
1847 % Keywords of class 5 : arguments specifications (after ":" in expl3
1848 % syntax)
1849 morekeywords=[5]{%
1850 },%
1851 % Keywords of class 6 : current package name (and possibly derived
1852 % packages)
1853 morekeywords=[6]{%
1854     hyperref,%
1855 },%
1856 % otherkeywords={},%
1857 alsoletter={*},%
1858 % alsodigit={},%
1859 % alsoother={},%
1860 sensitive,%
1861 }[keywords, tex, comments]%
1862
1863 \lst@definlanguage[graphicx]{TeX}{%
1864     % Control sequences names
1865     moretexcs={%
1866         includegraphics,includegraphics*,definecolor,color,textcolor,%
1867         mathcolor,pagcolor,nopagcolor,colorbox,fcolorbox,rotatebox,%
1868         scalebox,reflectbox,resizebox,resizebox*,graphicspath,%
1869         DeclareGraphicsExtensions,DeclareGraphicsRule },%
1870     % Keywords of class 1 : keywords that contain other characters (since
1871     % of the same class as the ones specified as 'otherkeywords')
1872     morekeywords={%
1873     },%
1874     % Keywords of class 2 : environments names
1875     morekeywords=[2]{%
1876     },%
1877     % Keywords of class 3 : mandatory arguments (not environments) &
1878     % optional arguments which are keys (in key=value)
1879     morekeywords=[3]{%
1880         draft,final,hiresbb,demo,setpagesize,nosetpagesize,dvips,xdvi,%
1881         dvipdf,dvipdfm,dvipdfmx,xetex,pdftex,luatex,dvisvgm,dvipsone,%
1882         dviwindo,emtex,dviwin,oztex,textures,pctexps,pctexwin,pctexhp,%
1883         pctex32,truetex,tcidvi,vtex,debugshow,hiderotate,hidescale,alt,%
1884         %
1885         bb,bblx,bblly,bburx,bbury,natwidth,natheight,hiresbb,pagebox,%
1886         viewport,trim,angle,origin,width,height,totalheight,%
1887         keepaspectratio,scale,clip,draft,type,ext,read,command,quiet,%
1888         page,interpolate,decodearray,origin,x,y,units,%
1889     },%
1890     % Keywords of class 4 : values of keys (in key=value)
1891     morekeywords=[4]{%
1892         mediabox,cropbox,bleedbox,trimbox,artbox,true,false,%

```



```

1893     },%
1894     % Keywords of class 5 : arguments specifications (after ":" in expl3
1895     % syntax)
1896     morekeywords=[5]{%
1897     },%
1898     % Keywords of class 6 : current package name (and possibly derived
1899     % packages)
1900     morekeywords=[6]{%
1901         graphicx,%
1902     },%
1903     % otherkeywords={},%
1904     alsoletter={23},%
1905     % alsodigit={},%
1906     % alsoother={},%
1907     sensitive,%
1908 }[keywords,tex,comments]%
1909
1910 \lst@definlanguage[geometry]{TeX}{%
1911     % Control sequences names
1912     moretexcs={%
1913         geometry,newgeometry,restoregeometry,savegeometry,loadgeometry,%
1914     },%
1915     % Keywords of class 1 : keywords that contain other characters (since
1916     % of the same class as the ones specified as 'otherkeywords')
1917     morekeywords={%
1918     },%
1919     % Keywords of class 2 : environments names
1920     morekeywords=[2]{%
1921     },%
1922     % Keywords of class 3 : mandatory arguments (not environments) &
1923     % optional arguments which are keys (in key=value)
1924     morekeywords=[3]{%
1925         paper,papername,paperwidth,paperheight,papersize,landscape,%
1926         portrait,layout,layoutwidth,layoutheight,layoutsize,layoutoffset,%
1927         layoutvoffset,layoutoffset,hscale,vscale,scale,width,totalwidth,%
1928         height,totalheight,total,textwidth,textheight,text,body,lines,%
1929         includehead,includefoot,includeheadfoot,includemp,includeall,%
1930         ignorehead,ignorefoot,ignoreheadfoot,ignoremp,ignoreall,%
1931         heightrounded,hdivide,vdivide,divide,left,lmargin,inner,right,%
1932         rmargin,outer,top,tmargin,bottom,bmargin,hmargin,vmargin,margin,%
1933         hmarginratio,vmarginratio,marginratio,ratio,hcentering,vcentering,%
1934         centering,twoside,asymmetric,headheight,head,headsep,footskip,%
1935         foot,nohead,nofoot,noheadfoot,footnotesep,marginparwidth,%
1936         marginparsep,nomarginpar,columnsep,hoffset,voffset,offset,%
1937         twocolumn,onecolumn,reversemp,reversemarginpar,verbose,reset,mag,%
1938         truedimen,pass,showframe,showcrop,%
1939     },%
1940     % Keywords of class 4 : values of keys (in key=value)
1941     morekeywords=[4]{%
1942         a0paper,a1paper,a2paper,a3paper,a4paper,a5paper,a6paper,b0paper,%
1943         b1paper,b2paper,b3paper,b4paper,b5paper,b6paper,c0paper,c1paper,%
1944         c2paper,c3paper,c4paper,c5paper,c6paper,b0j,b1j,b2j,b3j,b4j,%

```



```

1945      b5j, b6j, ansiapaper, ansibpaper, ansicpaper, ansidpaper, ansiepaper, %
1946      letterpaper, executivepaper, legalpaper, screen, dvips, dvipdfm, pdftex, %
1947      luatex, xetex, vtex, dvipdfmx, xdvipdfmx, %
1948      }, %
1949      % Keywords of class 5 : arguments specifications (after ":" in expl3
1950      % syntax)
1951      morekeywords=[5]{%
1952      }, %
1953      % Keywords of class 6 : current package name (and possibly derived
1954      % packages)
1955      morekeywords=[6]{%
1956      geometry, %
1957      }, %
1958      % otherkeywords={}, %
1959      alsoletter={0123456}, %
1960      % alsodigit={}, %
1961      % alsoother={}, %
1962      sensitive, %
1963      }[keywords, tex, comments]%
1964
1965      \lst@definlanguage[newpax]{TeX}{%
1966      % Control sequences names
1967      moretexcs={%
1968      newpaxsetup, %
1969      }, %
1970      % Keywords of class 1 : keywords that contain other characters (since
1971      % of the same class as the ones specified as 'otherkeywords')
1972      morekeywords={%
1973      }, %
1974      % Keywords of class 2 : environments names
1975      morekeywords=[2]{%
1976      }, %
1977      % Keywords of class 3 : mandatory arguments (not environments) &
1978      % optional arguments which are keys (in key=value)
1979      morekeywords=[3]{%
1980      addannots, %
1981      }, %
1982      % Keywords of class 4 : values of keys (in key=value)
1983      morekeywords=[4]{%
1984      false, %
1985      }, %
1986      % Keywords of class 5 : arguments specifications (after ":" in expl3
1987      % syntax)
1988      morekeywords=[5]{%
1989      }, %
1990      % Keywords of class 6 : current package name (and possibly derived
1991      % packages)
1992      morekeywords=[6]{%
1993      newpax, %
1994      }, %
1995      % otherkeywords={},
1996      % alsoletter={},

```

```

1997      % alsodigit={},%
1998      % alsoother={},%
1999      sensitive,%
2000  }[keywords, tex, comments]%
2001
2002  \lst@definlanguage[tikz]{TeX}{%
2003      % Control sequences names
2004      moretexcs={%
2005          usetikzlibrary, draw, node, matrix, fill, foreach, tikz, pgfmathsetmacro, %
2006          path, %
2007      }, %
2008      % Keywords of class 1 : keywords that contain other characters (since
2009      % of the same class as the ones specified as 'otherkeywords')
2010      morekeywords={%
2011      }, %
2012      % Keywords of class 2 : environments names
2013      morekeywords=[2]{%
2014          tikzpicture, %
2015      }, %
2016      % Keywords of class 3 : mandatory arguments (not environments) &
2017      % optional arguments which are keys (in key=value)
2018      morekeywords=[3]{%
2019          pic, rotate, xshift, yshift, every node, inner sep, blend mode, fill, %
2020          fit, circle, anchor, in, count, x, y, matrix, of, math, nodes, above right, %
2021          at, --, -|, |- , thick, size, angle, circle, through, intersection, of, %
2022          draw, coordinate, shift, and, cycle, cs:A, node, barycentric, %
2023      }, %
2024      % Keywords of class 4 : values of keys (in key=value)
2025      morekeywords=[4]{%
2026          multiply, lightgray, base, red%
2027      }, %
2028      % Keywords of class 5 : arguments specifications (after ":" in expl3
2029      % syntax)
2030      morekeywords=[5]{%
2031      }, %
2032      % Keywords of class 6 : current package name (and possibly derived
2033      % packages)
2034      morekeywords=[6]{%
2035          tikz, %
2036      }, %
2037      % otherkeywords={}, %
2038      alsoletter={-| \ :}, %
2039      % alsodigit={}, %
2040      % alsoother={}, %
2041      sensitive, %
2042  }[keywords, tex, comments]%
2043
2044  \lst@definlanguage[tikzducks]{TeX}{%
2045      % Control sequences names
2046      moretexcs={%
2047          duck, %
2048      }, %

```

```

2049 % Keywords of class 1 : keywords that contain other characters (since
2050 % of the same class as the ones specified as 'otherkeywords')
2051 morekeywords={%
2052 },%
2053 % Keywords of class 2 : environments names
2054 morekeywords=[2]{%
2055 },%
2056 % Keywords of class 3 : mandatory arguments (not environments) &
2057 % optional arguments which are keys (in key=value)
2058 morekeywords=[3]{%
2059     alien,aodai,baguette,basket,beard,beret,bill,body,book,%
2060     bookcolour,bowtie,bubblecolour,bunny,buttons,cake,cap,cape,%
2061     cheese,chef,cocktail,conicalhat,crazyhair,cricket,crown,crozier,%
2062     crystalball,darthvader,devil,easter,egga,eggb,eggc,eye,eyebrow,%
2063     flavoura,flavourb,flavourc,football,glasses,graduate,grumpy,%
2064     handbag,harlequin,hath,head,helmet,hockey,horsetail,icecream,%
2065     inear,invisible,jacket,kingcrown,lapel,laughing,lightsaber,%
2066     longhair,magichat,magicstars,magicwand,mask,milkshake,mohican,%
2067     mullet,name,neckerchief,necklace,niuquelrah,overleaf,parrot,%
2068     parting,peakedcap,pickaxe,pizza,prison,queencrown,recedinghair,%
2069     ribbon,rollingpin,sailor,santa,sheep,shorthair,shovel,signback,%
2070     signcolour,signpost,snowduck,speech,squareglasses,stethoscope,%
2071     strawhat,sunglasses,tail,tassel,think,tie,tophat,torch,tshirt,%
2072     umbrella,umbrellaclosed,unicorn,vampire,viking,water,wine,wing,%
2073     witch,woggle,%
2074 },%
2075 % Keywords of class 4 : values of keys (in key=value)
2076 morekeywords=[4]{%
2077     blue,green,red,yellow,%
2078 },%
2079 % Keywords of class 5 : arguments specifications (after ":" in expl3
2080 % syntax)
2081 morekeywords=[5]{%
2082 },%
2083 % Keywords of class 6 : current package name (and possibly derived
2084 % packages)
2085 morekeywords=[6]{%
2086     tikzducks,%
2087 },%
2088 % otherkeywords={},
2089 % alsoletter={},
2090 % alsodigit={},%
2091 % alsoother={},%
2092 sensitive,%
2093 }[keywords,tex,comments]%
2094
2095 \lst@definlanguage[tikzlings]{TeX}{%
2096 % Control sequences names
2097 moretexcs={%
2098     anteater,bear,bee,cat,chicken,coati,elephant,hippo,koala,%
2099     marmot,mole,mouse,owl,panda,penguin,pig,rhino,sheep,sloth,%
2100     squirrel,snowman,%

```

```

2101     },%
2102     % Keywords of class 1 : keywords that contain other characters (since
2103     % of the same class as the ones specified as 'otherkeywords')
2104     morekeywords={%
2105     },%
2106     % Keywords of class 2 : environments names
2107     morekeywords=[2]{%
2108     },%
2109     % Keywords of class 3 : mandatory arguments (not environments) &
2110     % optional arguments which are keys (in key=value)
2111     morekeywords=[3]{%
2112         3D, eye, contour, back, globalwarming, whiskers, schroedinger, %
2113     },%
2114     % Keywords of class 4 : values of keys (in key=value)
2115     morekeywords=[4]{%
2116     },%
2117     % Keywords of class 5 : arguments specifications (after ":" in expl3
2118     % syntax)
2119     morekeywords=[5]{%
2120     },%
2121     % Keywords of class 6 : current package name (and possibly derived
2122     % packages)
2123     morekeywords=[6]{%
2124         tikzlings,%
2125     },%
2126     % otherkeywords={},%
2127     alsoletter={3},%
2128     % alsodigit={},%
2129     % alsoother={},%
2130     sensitive,%
2131 }[keywords, tex, comments]%
2132
2133 \lst@definlanguage[amsmath]{TeX}{%
2134     % Control sequences names
2135     moretexcs={%
2136         cdots, ddots, vdots,%
2137     },%
2138     % Keywords of class 1 : keywords that contain other characters (since
2139     % of the same class as the ones specified as 'otherkeywords')
2140     morekeywords={%
2141     },%
2142     % Keywords of class 2 : environments names
2143     morekeywords=[2]{%
2144         pmatrix,%
2145     },%
2146     % Keywords of class 3 : mandatory arguments (not environments) &
2147     % optional arguments which are keys (in key=value)
2148     morekeywords=[3]{%
2149     },%
2150     % Keywords of class 4 : values of keys (in key=value)
2151     morekeywords=[4]{%
2152     },%

```

```

2153 % Keywords of class 5 : arguments specifications (after ":" in expl3
2154 % syntax)
2155 morekeywords=[5]{%
2156 },%
2157 % Keywords of class 6 : current package name (and possibly derived
2158 % packages)
2159 morekeywords=[6]{%
2160 amsmath,%
2161 },%
2162 % otherkeywords={},
2163 % alsoletter={},
2164 % alsodigit={},%
2165 % alsoother={},%
2166 sensitive,%
2167 }[keywords, tex, comments]%
2168
2169 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2170 % xparse
2171 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2172 \lst@definlanguage[xparse]{TeX}{%
2173 % Control sequences names
2174 moretexcs={%
2175 NewDocumentCommand, RenewDocumentCommand, ProvideDocumentCommand,%
2176 DeclareDocumentCommand, NewDocumentEnvironment,%
2177 RenewDocumentEnvironment, ProvideDocumentEnvironment,%
2178 DeclareDocumentEnvironment, NewExpandableDocumentCommand,%
2179 RenewExpandableDocumentCommand, ProvideExpandableDocumentCommand,%
2180 DeclareExpandableDocumentCommand, IfNoValueT, IfNoValueF, IfNoValueTF,%
2181 IfValueT, IfValueF, IfValueTF, IfBooleanT, IfBooleanF, IfBooleanTF,%
2182 BooleanTrue, BooleanFalse, ProcessedArgument, ReverseBoolean,%
2183 SplitArgument, SplitList, ProcessList, TrimSpaces,%
2184 GetDocumentCommandArgSpec, GetDocumentEnvironmentArgSpec,%
2185 ShowDocumentCommandArgSpec, ShowDocumentEnvironmentArgSpec,%
2186 },%
2187 % Keywords of class 1 : keywords that contain other characters (since
2188 % of the same class as the ones specified as 'otherkeywords')
2189 morekeywords={%
2190 },%
2191 % Keywords of class 2 : environments names
2192 morekeywords=[2]{%
2193 },%
2194 % Keywords of class 3 : mandatory arguments (not environments) &
2195 % optional arguments which are keys (in key=value)
2196 morekeywords=[3]{%
2197 log-declarations,%
2198 m, r, R, v, b, o, d, O, D, s, t, e, E,%
2199 },%
2200 % Keywords of class 4 : values of keys (in key=value)
2201 morekeywords=[4]{%
2202 },%
2203 % Keywords of class 5 : arguments specifications (after ":" in expl3
2204 % syntax)

```

```

2205     morekeywords=[5]{%
2206     },%
2207     % Keywords of class 6 : current package name (and possibly derived
2208     % packages)
2209     morekeywords=[6]{%
2210         xparse,%
2211     },%
2212     % otherkeywords={},%
2213     alsoletter={-},%
2214     % alsodigit={},%
2215     % alsoother={},%
2216     sensitive,%
2217 }[keywords,tex,comments]%
2218
2219 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2220 % colortbl
2221 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2222 \lst@definlanguage[colortbl]{TeX}{%
2223     % Control sequences names
2224     moretexcs={%
2225         columncolor,rowcolor,cellcolor,arrayrulecolor,doublerulesepcolor,%
2226         minrowclearance,%
2227     },%
2228     % Keywords of class 1 : keywords that contain other characters (since
2229     % of the same class as the ones specified as 'otherkeywords')
2230     morekeywords={%
2231     },%
2232     % Keywords of class 2 : environments names
2233     morekeywords=[2]{%
2234     },%
2235     % Keywords of class 3 : mandatory arguments (not environments) &
2236     % optional arguments which are keys (in key=value)
2237     morekeywords=[3]{%
2238     },%
2239     % Keywords of class 4 : values of keys (in key=value)
2240     morekeywords=[4]{%
2241     },%
2242     % Keywords of class 5 : arguments specifications (after ":" in expl3
2243     % syntax)
2244     morekeywords=[5]{%
2245     },%
2246     % Keywords of class 6 : current package name (and possibly derived
2247     % packages)
2248     morekeywords=[6]{%
2249         colortbl,%
2250     },%
2251     % otherkeywords={},
2252     % alsoletter={},
2253     % alsodigit={},%
2254     % alsoother={},%
2255     sensitive,%
2256 }[keywords,tex,comments]%

```

```

2257
2258 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2259 % multirow
2260 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2261 \lst@definlanguage[multirow]{TeX}%
2262 {%
2263   % Control sequences names
2264   moretexcs={%
2265     multirow,%
2266   },%
2267   % Keywords of class 1 : keywords that contain other characters (since
2268   % of the same class as the ones specified as 'otherkeywords')
2269   morekeywords={%
2270   },%
2271   % Keywords of class 2 : environments names
2272   morekeywords=[2]{%
2273   },%
2274   % Keywords of class 3 : mandatory arguments (not environments) &
2275   % optional arguments which are keys (in key=value)
2276   morekeywords=[3]{%
2277   },%
2278   % Keywords of class 4 : values of keys (in key=value)
2279   morekeywords=[4]{%
2280   },%
2281   % Keywords of class 5 : arguments specifications (after ":" in expl3
2282   % syntax)
2283   morekeywords=[5]{%
2284   },%
2285   % Keywords of class 6 : current package name (and possibly derived
2286   % packages)
2287   morekeywords=[6]{%
2288     multirow,%
2289   },%
2290   % otherkeywords={},
2291   % alsoletter={},
2292   % alsodigit={},%
2293   % alsoother={},%
2294   sensitive,%
2295 }[keywords,tex,comments]%
2296
2297 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2298 % nicematrix
2299 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2300 \lst@definlanguage[nicematrix]{TeX}%
2301 {%
2302   % Control sequences names
2303   moretexcs={%
2304     Cdots,Ddots,Vdots,Body,CodeBefore,CodeAfter,Block,%
2305   },%
2306   % Keywords of class 1 : keywords that contain other characters (since
2307   % of the same class as the ones specified as 'otherkeywords')
2308   morekeywords={%

```

```

2309     },%
2310     % Keywords of class 2 : environments names
2311     morekeywords=[2]{%
2312         pNiceMatrix,NiceMatrix,NiceTabular,bNiceArray,%
2313     },%
2314     % Keywords of class 3 : mandatory arguments (not environments) &
2315     % optional arguments which are keys (in key=value)
2316     morekeywords=[3]{%
2317         hvlines,rules/width,baseline,colortbl-like,margin,right-margin,%
2318         create-cell-nodes,rounded-corners,draw,%
2319     },%
2320     % Keywords of class 4 : values of keys (in key=value)
2321     morekeywords=[4]{%
2322     },%
2323     % Keywords of class 5 : arguments specifications (after ":" in expl3
2324     % syntax)
2325     morekeywords=[5]{%
2326     },%
2327     % Keywords of class 6 : current package name (and possibly derived
2328     % packages)
2329     morekeywords=[6]{%
2330         nicematrix,%
2331     },
2332     otherkeywords={&},%
2333     alsoletter={/},%
2334     % alsodigit={},%
2335     % alsoother={},%
2336     sensitive,%
2337 }[keywords,tex,comments]%
2338
2339 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2340 % booktabs
2341 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2342 \lst@definlanguage[booktabs]{TeX}%
2343 {%
2344     % Control sequences names
2345     moretexcs={%
2346         toprule,midrule,bottomrule,cmidrule,addlinespace,morecmidrules,%
2347         specialrule,%
2348     },%
2349     % Keywords of class 1 : keywords that contain other characters (since
2350     % of the same class as the ones specified as 'otherkeywords')
2351     morekeywords={%
2352     },%
2353     % Keywords of class 2 : environments names
2354     morekeywords=[2]{%
2355     },%
2356     % Keywords of class 3 : mandatory arguments (not environments) &
2357     % optional arguments which are keys (in key=value)
2358     morekeywords=[3]{%
2359     },%
2360     % Keywords of class 4 : values of keys (in key=value)

```



```

2361     morekeywords=[4]{%
2362     },%
2363     % Keywords of class 5 : arguments specifications (after ":" in expl3
2364     % syntax)
2365     morekeywords=[5]{%
2366     },%
2367     % Keywords of class 6 : current package name (and possibly derived
2368     % packages)
2369     morekeywords=[6]{%
2370         booktabs,%
2371     },%
2372     % otherkeywords={},
2373     % alsoletter={},
2374     % alsodigit={},%
2375     % alsoother={},%
2376     sensitive,%
2377 }[keywords,tex,comments]%
2378
2379 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2380 % strands
2381 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2382 \lst@definlanguage[strands]{TeX}%
2383 {%
2384     % Control sequences names
2385     moretexcs={%
2386         strands,%
2387     },%
2388     % Keywords of class 1 : keywords that contain other characters (since
2389     % of the same class as the ones specified as 'otherkeywords')
2390     morekeywords={%
2391     },%
2392     % Keywords of class 2 : environments names
2393     morekeywords=[2]{%
2394     },%
2395     % Keywords of class 3 : mandatory arguments (not environments) &
2396     % optional arguments which are keys (in key=value)
2397     morekeywords=[3]{%
2398     },%
2399     % Keywords of class 4 : values of keys (in key=value)
2400     morekeywords=[4]{%
2401     },%
2402     % Keywords of class 5 : arguments specifications (after ":" in expl3
2403     % syntax)
2404     morekeywords=[5]{%
2405     },%
2406     % Keywords of class 6 : current package name (and possibly derived
2407     % packages)
2408     morekeywords=[6]{%
2409         strands,%
2410     },%
2411     % otherkeywords={},
2412     % alsoletter={},

```

```

2413 % alsodigit={},%
2414 % alsoother={},%
2415 sensitive,%
2416 }[keywords,tex,comments]%
2417
2418 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2419 % cartonaugh
2420 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2421 \lst@definlanguage[cartonaugh]{TeX}%
2422 {%
2423 % Control sequences names
2424 moretexcs={%
2425     maxterms,minterms,terms,implicant,%
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     cartonaugh,%
2434 },%
2435 % Keywords of class 3 : mandatory arguments (not environments) &
2436 % optional arguments which are keys (in key=value)
2437 morekeywords=[3]{%
2438 },%
2439 % Keywords of class 4 : values of keys (in key=value)
2440 morekeywords=[4]{%
2441 },%
2442 % Keywords of class 5 : arguments specifications (after ":" in expl3
2443 % syntax)
2444 morekeywords=[5]{%
2445 },%
2446 % Keywords of class 6 : current package name (and possibly derived
2447 % packages)
2448 morekeywords=[6]{%
2449     cartonaugh,%
2450 },%
2451 % otherkeywords={},
2452 % alsoletter={},
2453 % alsodigit={},%
2454 % alsoother={},%
2455 sensitive,%
2456 }[keywords,tex,comments]%
2457
2458 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2459 % xistercian
2460 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2461 \lst@definlanguage[xistercian]{TeX}%
2462 {%
2463 % Control sequences names
2464 moretexcs={%

```

```

2465         cisterciannum,%
2466     },%
2467     % Keywords of class 1 : keywords that contain other characters (since
2468     % of the same class as the ones specified as 'otherkeywords')
2469     morekeywords={%
2470 },%
2471     % Keywords of class 2 : environments names
2472     morekeywords=[2]{%
2473         xistercian,%
2474     },%
2475     % Keywords of class 3 : mandatory arguments (not environments) &
2476     % optional arguments which are keys (in key=value)
2477     morekeywords=[3]{%
2478 },%
2479     % Keywords of class 4 : values of keys (in key=value)
2480     morekeywords=[4]{%
2481 },%
2482     % Keywords of class 5 : arguments specifications (after ":" in expl3
2483     % syntax)
2484     morekeywords=[5]{%
2485 },%
2486     % Keywords of class 6 : current package name (and possibly derived
2487     % packages)
2488     morekeywords=[6]{%
2489         xistercian,%
2490     },%
2491     % otherkeywords={},
2492     % alsoletter={},
2493     % alsodigit={},%
2494     % alsoother={},%
2495     sensitive,%
2496 }[keywords,tex,comments]%
2497
2498 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2499 % aboensis
2500 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2501 \lst@definlanguage[aboensis]{TeX}%
2502 {%
2503     % Control sequences names
2504     moretexcs={%
2505         abcursivefamily,%
2506     },%
2507     % Keywords of class 1 : keywords that contain other characters (since
2508     % of the same class as the ones specified as 'otherkeywords')
2509     morekeywords={%
2510 },%
2511     % Keywords of class 2 : environments names
2512     morekeywords=[2]{%
2513 },%
2514     % Keywords of class 3 : mandatory arguments (not environments) &
2515     % optional arguments which are keys (in key=value)
2516     morekeywords=[3]{%

```

```

2517     },%
2518     % Keywords of class 4 : values of keys (in key=value)
2519     morekeywords=[4]{%
2520     },%
2521     % Keywords of class 5 : arguments specifications (after ":" in expl3
2522     % syntax)
2523     morekeywords=[5]{%
2524     },%
2525     % Keywords of class 6 : current package name (and possibly derived
2526     % packages)
2527     morekeywords=[6]{%
2528         aboensis,%
2529     },%
2530     % otherkeywords={},
2531     % alsoletter={},
2532     % alsodigit={},%
2533     % alsoother={},%
2534     sensitive,%
2535 }[keywords,tex,comments]%
2536
2537 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2538 % tabularray
2539 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2540 \lst@definlanguage[tatularray]{TeX}%
2541 {%
2542     % Control sequences names
2543     moretexcs={%
2544         ,%
2545     },%
2546     % Keywords of class 1 : keywords that contain other characters (since
2547     % of the same class as the ones specified as 'otherkeywords')
2548     morekeywords={%
2549     },%
2550     % Keywords of class 2 : environments names
2551     morekeywords=[2]{%
2552         tblr,%
2553     },%
2554     % Keywords of class 3 : mandatory arguments (not environments) &
2555     % optional arguments which are keys (in key=value)
2556     morekeywords=[3]{%
2557         width,colspec,row,bg,fg,font,column,hlines,X,%
2558     },%
2559     % Keywords of class 4 : values of keys (in key=value)
2560     morekeywords=[4]{%
2561         odd,%
2562     },%
2563     % Keywords of class 5 : arguments specifications (after ":" in expl3
2564     % syntax)
2565     morekeywords=[5]{%
2566     },%
2567     % Keywords of class 6 : current package name (and possibly derived
2568     % packages)

```

```

2569     morekeywords=[6]{%
2570         tabulararray,%
2571     },%
2572     % otherkeywords={},
2573     % alsoletter={},
2574     % alsodigit={},%
2575     % alsoother={},%
2576     sensitive,%
2577 }[keywords, tex, comments]%
2578
2579 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2580 % ninecolors
2581 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
2582 \lst@definlanguage[ninecolors]{TeX}%
2583 {%
2584     % Control sequences names
2585     moretexcs={%
2586         NineColors,%
2587     },%
2588     % Keywords of class 1 : keywords that contain other characters (since
2589     % of the same class as the ones specified as 'otherkeywords')
2590     morekeywords={%
2591     },%
2592     % Keywords of class 2 : environments names
2593     morekeywords=[2]{%
2594     },%
2595     % Keywords of class 3 : mandatory arguments (not environments) &
2596     % optional arguments which are keys (in key=value)
2597     morekeywords=[3]{%
2598         gray1, red1, brown1, yellow1, olive1, green1, teal1, cyan1, azure1, %
2599         blue1, violet1, magenta1, purple1, gray2, red2, brown2, yellow2, olive2, %
2600         green2, teal2, cyan2, azure2, blue2, violet2, magenta2, purple2, gray3, %
2601         red3, brown3, yellow3, olive3, green3, teal3, cyan3, azure3, blue3, %
2602         violet3, magenta3, purple3, gray4, red4, brown4, yellow4, olive4, %
2603         green4, teal4, cyan4, azure4, blue4, violet4, magenta4, purple4, gray5, %
2604         red5, brown5, yellow5, olive5, green5, teal5, cyan5, azure5, blue5, %
2605         violet5, magenta5, purple5, gray6, red6, brown6, yellow6, olive6, %
2606         green6, teal6, cyan6, azure6, blue6, violet6, magenta6, purple6, gray7, %
2607         red7, brown7, yellow7, olive7, green7, teal7, cyan7, azure7, blue7, %
2608         violet7, magenta7, purple7, gray8, red8, brown8, yellow8, olive8, %
2609         green8, teal8, cyan8, azure8, blue8, violet8, magenta8, purple8, gray9, %
2610         red9, brown9, yellow9, olive9, green9, teal9, cyan9, azure9, blue9, %
2611         violet9, magenta9, purple9, gray1, red1, brown1, yellow1, olive1, %
2612         green1, teal1, cyan1, azure1, blue1, violet1, magenta1, purple1, gray2, %
2613         red2, brown2, yellow2, olive2, green2, teal2, cyan2, azure2, blue2, %
2614         violet2, magenta2, purple2, gray3, red3, brown3, yellow3, olive3, %
2615         green3, teal3, cyan3, azure3, blue3, violet3, magenta3, purple3, gray4, %
2616         red4, brown4, yellow4, olive4, green4, teal4, cyan4, azure4, blue4, %
2617         violet4, magenta4, purple4, gray5, red5, brown5, yellow5, olive5, %
2618         green5, teal5, cyan5, azure5, blue5, violet5, magenta5, purple5, gray6, %
2619         red6, brown6, yellow6, olive6, green6, teal6, cyan6, azure6, blue6, %
2620         violet6, magenta6, purple6, gray7, red7, brown7, yellow7, olive7, %

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```

2621     green7, teal7, cyan7, azure7, blue7, violet7, magenta7, purple7, gray8, %
2622     red8, brown8, yellow8, olive8, green8, teal8, cyan8, azure8, blue8, %
2623     violet8, magenta8, purple8, gray9, red9, brown9, yellow9, olive9, %
2624     green9, teal9, cyan9, azure9, blue9, violet9, magenta9, purple9, %
2625     saturation, %
2626 }, %
2627 % Keywords of class 4 : values of keys (in key=value)
2628 morekeywords=[4]{%
2629     low, medium, high, %
2630 }, %
2631 % Keywords of class 5 : arguments specifications (after ":" in expl3
2632 % syntax)
2633 morekeywords=[5]{%
2634 }, %
2635 % Keywords of class 6 : current package name (and possibly derived
2636 % packages)
2637 morekeywords=[6]{%
2638     ninecolors, %
2639 }, %
2640 % otherkeywords={}, %
2641 alsoletter={123456789}, %
2642 % alsodigit={}, %
2643 % alsoother={}, %
2644 sensitive, %
2645 }[keywords, tex, comments]%
2646
2647 \lst@definlanguage[fontspec]{TeX}{%
2648     % Control sequences names
2649     moretexcs={%
2650         EncodingAccent, EncodingCommand, EncodingComposite, %
2651         EncodingCompositeCommand, EncodingSymbol, IfFontExistsTF, %
2652         IfFontFeatureActiveTF, UndeclareAccent, UndeclareCommand, %
2653         UndeclareComposite, UndeclareSymbol, addfontfeature, addfontfeatures, %
2654         aliasfontfeature, aliasfontfeatureoption, defaultfontfeatures, fontspec
2655         , %
2656         liningnums, newAATfeature, newfontface, newfontfamily, newfontfeature, %
2657         newfontlanguage, newfontscript, newopentypefeature, oldstylenums, %
2658         providefontface, providefontfamily, renewfontface, renewfontfamily, %
2659         setboldmathrm, setfontface, setfontfamily, setmainfont, setmathrm, %
2660         setmathsf, setmathtt, setmonofont, setromanfont, setsansfont, strong, %
2661         strongfontdeclare, strongresetsetmainfont, %
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     }, %
2670     % Keywords of class 3 : mandatory arguments (not environments) &
2671     % optional arguments which are keys (in key=value)
2672     morekeywords=[3]{%

```

```

2672 Alternate,Annotation,AutoFakeBold,AutoFakeSlant,BoldFeatures,%
2673 BoldFont,BoldItalicFeatures,BoldItalicFont,BoldSlantedFeatures,%
2674 BoldSlantedFont,BoldSwashFeatures,BoldSwashFont,CJKShape,
ItalicFeatures,%
2675 CharacterVariant,CharacterWidth,Color,Colour,Contextuals,%
2676 Diacritics,Extension,FakeBold,FakeSlant,FakeStretch,Font,FontFace,%
2677 Fractions,HyphenChar,IgnoreFontspecFileItalicFeatures,ItalicFont,%
2678 Kerning,Language,LetterSpace,Letters,Ligatures,LocalForms,%
2679 NFSSFamily,Numbers,OpticalSize,Ornament,Path,PunctuationSpace,%
2680 RawFeature,Scale,ScaleAgain,Script,Size,SizeFeatures,%
2681 SlantedFeatures,SlantedFont,SmallCapsFeatures,SmallCapsFont,Style,%
2682 StylisticAlternates,StylisticSet,SwashFeatures,SwashFont,%
2683 UprightFeatures,UprightFont,Variant,Vertical,VerticalPosition,%
2684 WordSpace,Mapping,Renderer,Traditional,Simplified,JIS1978,JIS1983,%
2685 JIS1990,Expert,NLC,%
2686 },%
2687 % Keywords of class 4 : values of keys (in key=value)
2688 morekeywords=[4]{%
2689 AboveBase,Alternate,AlternateHalf,AlternateMetrics,%
2690 AlternateProportional,Alternates,AlternatesForRotation,Arabic,%
2691 ArabicOff,BelowBase,Common,Contextual,Cursive,Denominator,%
2692 Discretionary,Expert,Full,Half,HalfMetrics,Historic,%
2693 HorizontalKana,Inferior,Inner,Italic,JIS1978,JIS1983,JIS1990,%
2694 KanaAlternates,Kerning,LineFinal,Lining,LiningOff,Lowercase,%
2695 LowercaseOff,MarkToBase,MarkToMark,Monospaced,MonospacedOff,NLC,%
2696 Numerator,Off,OldStyle,OldStyleOff,On,Ordinal,PetiteCaps,%
2697 Proportional,ProportionalMetrics,ProportionalOff,Quarter,Rare,%
2698 Required,Reset,ResetAll,RotatedGlyphs,Ruby,ScientificInferior,%
2699 Simplified,SlashedZero,SlashedZeroOff,SmallCaps,Superior,Swash,%
2700 TeX,Thurd,Titling,Traditional,Unicase,Uppercase,UppercaseOff,%
2701 UppercasePetiteCaps,UppercaseSmallCaps,VerticalKana,WordFinal,%
2702 WordInitial,ResetAll,c2sc,scmp,sinf,sups,zero,ss06,ss01,%
2703 ss04,-liga,frac,titl,swsh,hist,hlig,MatchUppercase,MatchLowercase,%
2704 },%
2705 % Keywords of class 5 : arguments specifications (after ":" in expl3
2706 % syntax)
2707 morekeywords=[5]{%
2708 },%
2709 % Keywords of class 6 : current package name (and possibly derived
2710 % packages)
2711 morekeywords=[6]{%
2712 fontspec%
2713 },%
2714 % otherkeywords={},%
2715 alsoletter={20614-},%
2716 % alsodigit={},%
2717 % alsoother={},%
2718 sensitive,%
2719 }[keywords,tex,comments]%
2720
2721 \lst@definlanguage[ProfCollege]{TeX}{%
2722 % Control sequences names

```



```

2723   moretexcs={%
2724       Thales,Pourcentage,ResolEquation%
2725   },%
2726   % Keywords of class 1 : keywords that contain other characters (since
2727   % of the same class as the ones specified as 'otherkeywords')
2728   morekeywords={%
2729   },%
2730   % Keywords of class 2 : environments names
2731   morekeywords=[2]{%
2732       Twitter,Scratch,%
2733   },%
2734   % Keywords of class 3 : mandatory arguments (not environments) &
2735   % optional arguments which are keys (in key=value)
2736   morekeywords=[3]{%
2737       Auteur,Logo,Calculer,%
2738   },%
2739   % Keywords of class 4 : values of keys (in key=value)
2740   morekeywords=[4]{%
2741       Place,Drapeau,Avancer,Repeter,Tournerg,FinBlocRepeter,%
2742   },%
2743   % Keywords of class 5 : arguments specifications (after ":" in expl3
2744   % syntax)
2745   morekeywords=[5]{%
2746   },%
2747   % Keywords of class 6 : current package name (and possibly derived
2748   % packages)
2749   morekeywords=[6]{%
2750       ProfCollege,%
2751   },%
2752   % otherkeywords={},
2753   % alsoletter={},
2754   % alsodigit={},%
2755   % alsoother={},%
2756   sensitive,%
2757 }[keywords,tex,comments]%
2758
2759 \lst@definlanguage[tkz-euclide]{TeX}{%
2760   % Control sequences names
2761   moretexcs={%
2762       tkzDefPoint,tkzInterCC,tkzGetPoints,tkzDrawCircles,tkzDrawPolygon,%
2763       tkzDrawPoints,tkzMarkSegments,tkzLabelSegments,tkzLabelPoints,%
2764       tkzLabelPoints,%
2765   },%
2766   % Keywords of class 1 : keywords that contain other characters (since
2767   % of the same class as the ones specified as 'otherkeywords')
2768   morekeywords={%
2769   },%
2770   % Keywords of class 2 : environments names
2771   morekeywords=[2]{%
2772       tikzpicture,%
2773   },%
2774   % Keywords of class 3 : mandatory arguments (not environments) &

```



```

2775 % optional arguments which are keys (in key=value)
2776 morekeywords=[3]{%
2777     mark, swap, above, scale, %
2778 }, %
2779 % Keywords of class 4 : values of keys (in key=value)
2780 morekeywords=[4]{%
2781 }, %
2782 % Keywords of class 5 : arguments specifications (after ":" in expl3
2783 % syntax)
2784 morekeywords=[5]{%
2785 }, %
2786 % Keywords of class 6 : current package name (and possibly derived
2787 % packages)
2788 morekeywords=[6]{%
2789     tkz-euclide }, %
2790 % otherkeywords={},
2791 % alsoletter={},
2792 % alsodigit={}, %
2793 % alsoother={}, %
2794 sensitive, %
2795 }[keywords, tex, comments]%
2796
2797 \lst@definlanguage[tkz-fct]{TeX}{%
2798     % Control sequences names
2799     moretexcs={%
2800         tkzInit, tkzDrawX, tkzDrawY, tkzFct, tkzDefPoint, tkzDrawPoint, %
2801         tkzPointShowCoord, tkzDefPoint, tkzDrawPoint, tkzPointShowCoord, %
2802         tkzRep, %
2803     }, %
2804     % Keywords of class 1 : keywords that contain other characters (since
2805     % of the same class as the ones specified as 'otherkeywords')
2806     morekeywords={},
2807     }, %
2808     % Keywords of class 2 : environments names
2809     morekeywords=[2]{%
2810         tikzpicture, %
2811     }, %
2812     % Keywords of class 3 : mandatory arguments (not environments) &
2813     % optional arguments which are keys (in key=value)
2814     morekeywords=[3]{%
2815         xmin, xmax, ymin, ymax, samples, domain, xlabel, ylabel, xscale, yscale%
2816     }, %
2817     % Keywords of class 4 : values of keys (in key=value)
2818     morekeywords=[4]{%
2819     }, %
2820     % Keywords of class 5 : arguments specifications (after ":" in expl3
2821     % syntax)
2822     morekeywords=[5]{%
2823     }, %
2824     % Keywords of class 6 : current package name (and possibly derived
2825     % packages)
2826     morekeywords=[6]{%

```

```

2827     tkz-fct },%
2828     % otherkeywords={},
2829     % alsoletter={},
2830     % alsodigit={},%
2831     % alsoother={},%
2832     sensitive,%
2833 }[keywords,tex,comments]%
2834
2835 \lst@definlanguage[tkz-tab]{TeX}{%
2836     % Control sequences names
2837     moretexcs={%
2838         tkzTabInit,tkzTabLine,tkzTabVar,%
2839     },%
2840     % Keywords of class 1 : keywords that contain other characters (since
2841     % of the same class as the ones specified as 'otherkeywords')
2842     morekeywords={%
2843     },%
2844     % Keywords of class 2 : environments names
2845     morekeywords=[2]{%
2846         tikzpicture,%
2847     },%
2848     % Keywords of class 3 : mandatory arguments (not environments) &
2849     % optional arguments which are keys (in key=value)
2850     morekeywords=[3]{%
2851         lgt,espcl,t,d,z,+,-,-D+/,+/-,-/,+D/,scale,%
2852     },%
2853     % Keywords of class 4 : values of keys (in key=value)
2854     morekeywords=[4]{%
2855     },%
2856     % Keywords of class 5 : arguments specifications (after ":" in expl3
2857     % syntax)
2858     morekeywords=[5]{%
2859     },%
2860     % Keywords of class 6 : current package name (and possibly derived
2861     % packages)
2862     morekeywords=[6]{%
2863         tkz-tab },%
2864     % otherkeywords={},%
2865     alsoletter={+ - /},%
2866     % alsodigit={},%
2867     % alsoother={},%
2868     sensitive,%
2869 }[keywords,tex,comments]%
2870
2871 \lst@definlanguage[mecaso]{TeX}{%
2872     % Control sequences names
2873     moretexcs={%
2874         KineticT,%
2875     },%
2876     % Keywords of class 1 : keywords that contain other characters (since
2877     % of the same class as the ones specified as 'otherkeywords')
2878     morekeywords={%

```

```

2879     },%
2880     % Keywords of class 2 : environments names
2881     morekeywords=[2]{%
2882     },%
2883     % Keywords of class 3 : mandatory arguments (not environments) &
2884     % optional arguments which are keys (in key=value)
2885     morekeywords=[3]{%
2886     },%
2887     % Keywords of class 4 : values of keys (in key=value)
2888     morekeywords=[4]{%
2889     },%
2890     % Keywords of class 5 : arguments specifications (after ":" in expl3
2891     % syntax)
2892     morekeywords=[5]{%
2893     },%
2894     % Keywords of class 6 : current package name (and possibly derived
2895     % packages)
2896     morekeywords=[6]{%
2897         mecaso },%
2898     % otherkeywords={},
2899     % alsoletter={},
2900     % alsodigit={},%
2901     % alsoother={},%
2902     sensitive,%
2903 }[keywords,tex,comments]%
2904
2905 \lst@definelanguage[hantzibox]{TeX}{%
2906     % Control sequences names
2907     moretexcs={%
2908         hantzibox*,hantziboxset,%
2909     },%
2910     % Keywords of class 1 : keywords that contain other characters (since
2911     % of the same class as the ones specified as 'otherkeywords')
2912     morekeywords={%
2913     },%
2914     % Keywords of class 2 : environments names
2915     morekeywords=[2]{%
2916     },%
2917     % Keywords of class 3 : mandatory arguments (not environments) &
2918     % optional arguments which are keys (in key=value)
2919     morekeywords=[3]{%
2920         frametype,pinyininline,%
2921     },%
2922     % Keywords of class 4 : values of keys (in key=value)
2923     morekeywords=[4]{%
2924         none,true,%
2925     },%
2926     % Keywords of class 5 : arguments specifications (after ":" in expl3
2927     % syntax)
2928     morekeywords=[5]{%
2929     },%
2930     % Keywords of class 6 : current package name (and possibly derived

```

```

2931 % packages)
2932 morekeywords=[6]{%
2933     hanzibox },%
2934 % otherkeywords={},%
2935 % alsoletter={},%
2936 % alsodigit={},%
2937 alsoother={*},%
2938 sensitive,%
2939 }[keywords, tex, comments]%
2940
2941 \lst@definlanguage[tikz-bagua]{TeX}{%
2942     % Control sequences names
2943     moretexcs={%
2944         Bagua*,%
2945     },%
2946     % Keywords of class 1 : keywords that contain other characters (since
2947     % of the same class as the ones specified as 'otherkeywords')
2948     morekeywords={%
2949     },%
2950     % Keywords of class 2 : environments names
2951     morekeywords=[2]{%
2952     },%
2953     % Keywords of class 3 : mandatory arguments (not environments) &
2954     % optional arguments which are keys (in key=value)
2955     morekeywords=[3]{%
2956     },%
2957     % Keywords of class 4 : values of keys (in key=value)
2958     morekeywords=[4]{%
2959     },%
2960     % Keywords of class 5 : arguments specifications (after ":" in expl3
2961     % syntax)
2962     morekeywords=[5]{%
2963     },%
2964     % Keywords of class 6 : current package name (and possibly derived
2965     % packages)
2966     morekeywords=[6]{%
2967         tikz-bagua },%
2968     % otherkeywords={},%
2969     % alsoletter={},%
2970     % alsodigit={},%
2971     alsoother={*},%
2972     sensitive,%
2973 }[keywords, tex, comments]%
2974
2975 \lst@definlanguage[bodeplot]{TeX}{%
2976     % Control sequences names
2977     moretexcs={%
2978         addBodeZPKPlots },%
2979     % Keywords of class 1 : keywords that contain other characters (since
2980     % of the same class as the ones specified as 'otherkeywords')
2981     morekeywords={%
2982     },%

```

```

2983 % Keywords of class 2 : environments names
2984 morekeywords=[2]{%
2985   BodePlot,%
2986 },%
2987 % Keywords of class 3 : mandatory arguments (not environments) &
2988 % optional arguments which are keys (in key=value)
2989 morekeywords=[3]{%
2990   ylabel,ytick,distance,height,width,magnitude,z,p,k,%
2991 },%
2992 % Keywords of class 4 : values of keys (in key=value)
2993 morekeywords=[4]{%
2994   true,black,thick,linear,red,dashed,thick,asymptotic,blue,%
2995   dotted,thick,%
2996 },%
2997 % Keywords of class 5 : arguments specifications (after ":" in expl3
2998 % syntax)
2999 morekeywords=[5]{%
3000 },%
3001 % Keywords of class 6 : current package name (and possibly derived
3002 % packages)
3003 morekeywords=[6]{%
3004   bodeplot },%
3005 % otherkeywords={},%
3006 alsoletter={/},%
3007 % alsodigit={},%
3008 % alsoother={},%
3009 sensitive,%
3010 }[keywords,tex,comments]%
3011
3012 \lst@definlanguage[formal-grammar]{TeX}{%
3013 % Control sequences names
3014 moretexcs={%
3015   highlight,firstcase,gralt,nonterm },%
3016 % Keywords of class 1 : keywords that contain other characters (since
3017 % of the same class as the ones specified as 'otherkeywords')
3018 morekeywords={%
3019 },%
3020 % Keywords of class 2 : environments names
3021 morekeywords=[2]{%
3022   grammar },%
3023 % Keywords of class 3 : mandatory arguments (not environments) &
3024 % optional arguments which are keys (in key=value)
3025 morekeywords=[3]{%
3026 },%
3027 % Keywords of class 4 : values of keys (in key=value)
3028 morekeywords=[4]{%
3029 },%
3030 % Keywords of class 5 : arguments specifications (after ":" in expl3
3031 % syntax)
3032 morekeywords=[5]{%
3033 },%
3034 % Keywords of class 6 : current package name (and possibly derived

```

```

3035 % packages)
3036 morekeywords=[6]{%
3037     formal-grammar },%
3038 % otherkeywords={},
3039 % alsoletter={},
3040 % alsodigit={},%
3041 % alsoother={},%
3042 sensitive,%
3043 }[keywords,tex,comments]%
3044
3045 \lst@definlanguage[numerica-plus]{TeX}{%
3046     % Control sequences names
3047     moretexcs={%
3048         nmcRecur,%
3049     },%
3050     % Keywords of class 1 : keywords that contain other characters (since
3051     % of the same class as the ones specified as 'otherkeywords')
3052     morekeywords={%
3053     },%
3054     % Keywords of class 2 : environments names
3055     morekeywords=[2]{%
3056     },%
3057     % Keywords of class 3 : mandatory arguments (not environments) &
3058     % optional arguments which are keys (in key=value)
3059     morekeywords=[3]{%
3060         do,see1,f_,%
3061     },%
3062     % Keywords of class 4 : values of keys (in key=value)
3063     morekeywords=[4]{%
3064     },%
3065     % Keywords of class 5 : arguments specifications (after ":" in expl3
3066     % syntax)
3067     morekeywords=[5]{%
3068     },%
3069     % Keywords of class 6 : current package name (and possibly derived
3070     % packages)
3071     morekeywords=[6]{%
3072         numerica-plus },%
3073     % otherkeywords={},%
3074     alsoletter={_1},%
3075     % alsodigit={},%
3076     % alsoother={},%
3077     sensitive,%
3078 }[keywords,tex,comments]%
3079
3080 \lst@definlanguage[pascaltriangle]{TeX}{%
3081     % Control sequences names
3082     moretexcs={%
3083         pascal,%
3084     },%
3085     % Keywords of class 1 : keywords that contain other characters (since
3086     % of the same class as the ones specified as 'otherkeywords')

```

```

3087     morekeywords={%
3088     },%
3089     % Keywords of class 2 : environments names
3090     morekeywords=[2]{%
3091     },%
3092     % Keywords of class 3 : mandatory arguments (not environments) &
3093     % optional arguments which are keys (in key=value)
3094     morekeywords=[3]{%
3095     },%
3096     % Keywords of class 4 : values of keys (in key=value)
3097     morekeywords=[4]{%
3098     },%
3099     % Keywords of class 5 : arguments specifications (after ":" in expl3
3100     % syntax)
3101     morekeywords=[5]{%
3102     },%
3103     % Keywords of class 6 : current package name (and possibly derived
3104     % packages)
3105     morekeywords=[6]{%
3106         pascaltriangle },%
3107     % otherkeywords={},
3108     % alsoletter={},
3109     % alsodigit={},%
3110     % alsoother={},%
3111     sensitive,%
3112 }[keywords,tex,comments]%
3113
3114 \lst@definelanguage[pgf-interference]{TeX}{%
3115     % Control sequences names
3116     moretexcs={%
3117         pgfinterferencepattern,%
3118     },%
3119     % Keywords of class 1 : keywords that contain other characters
3120     % (since of the same class as the ones specified as 'otherkeywords')
3121     morekeywords={%
3122     },%
3123     % Keywords of class 2 : environments names
3124     morekeywords=[2]{%
3125     },%
3126     % Keywords of class 3 : mandatory arguments (not environments) &
3127     % optional arguments which are keys (in key=value)
3128     morekeywords=[3]{%
3129         slits,wavelength,slit-distance,intensity,ruler,scale,%
3130     },%
3131     % Keywords of class 4 : values of keys (in key=value)
3132     morekeywords=[4]{%
3133     },%
3134     % Keywords of class 5 : arguments specifications (after ":" in expl3
3135     % syntax)
3136     morekeywords=[5]{%
3137     },%
3138     % Keywords of class 6 : current package name (and possibly derived

```

```

3139 % packages)
3140 morekeywords=[6]{%
3141     pgf-interference%
3142 },%
3143 % otherkeywords={},%
3144 alsoletter={-},%
3145 % alsodigit={},%
3146 % alsoother={},%
3147 sensitive,%
3148 }[keywords,tex,comments]%
3149
3150 \lst@definlanguage[clistmap]{TeX}{%
3151     % Control sequences names
3152     moretexcs={%
3153         ExplSyntaxOn,ExplSyntaxOff,clistmap,%
3154     },%
3155     % Keywords of class 1 : keywords that contain other characters (since
3156     % of the same class as the ones specified as 'otherkeywords')
3157     morekeywords={%
3158     },%
3159     % Keywords of class 2 : environments names
3160     morekeywords=[2]{%
3161     },%
3162     % Keywords of class 3 : mandatory arguments (not environments) &
3163     % optional arguments which are keys (in key=value)
3164     morekeywords=[3]{%
3165         first_math,serial_rest_math_and,%
3166     },%
3167     % Keywords of class 4 : values of keys (in key=value)
3168     morekeywords=[4]{%
3169     },%
3170     % Keywords of class 5 : arguments specifications (after ":" in expl3
3171     % syntax)
3172     morekeywords=[5]{%
3173         nnn,N,%
3174     },%
3175     % Keywords of class 6 : current package name (and possibly derived
3176     % packages)
3177     morekeywords=[6]{%
3178         clistmap },%
3179     % otherkeywords={},%
3180     alsoletter={_},%
3181     % alsodigit={},%
3182     % alsoother={},%
3183     sensitive,%
3184 }[keywords,tex,comments]%
3185
3186 \lst@definlanguage[hexboard]{TeX}{%
3187     % Control sequences names
3188     moretexcs={%
3189         hexmove,%
3190     },%

```



```

3191 % Keywords of class 1 : keywords that contain other characters (since
3192 % of the same class as the ones specified as 'otherkeywords')
3193 morekeywords={%
3194 },%
3195 % Keywords of class 2 : environments names
3196 morekeywords=[2]{%
3197   hexgamelabels,%
3198 },%
3199 % Keywords of class 3 : mandatory arguments (not environments) &
3200 % optional arguments which are keys (in key=value)
3201 morekeywords=[3]{%
3202 },%
3203 % Keywords of class 4 : values of keys (in key=value)
3204 morekeywords=[4]{%
3205 },%
3206 % Keywords of class 5 : arguments specifications (after ":" in expl3
3207 % syntax)
3208 morekeywords=[5]{%
3209 },%
3210 % Keywords of class 6 : current package name (and possibly derived
3211 % packages)
3212 morekeywords=[6]{%
3213   hexboard },%
3214 % otherkeywords={},
3215 % alsoletter={},
3216 % alsodigit={},%
3217 % alsoother={},%
3218 sensitive,%
3219 }[keywords,tex,comments]%
3220
3221 \lst@definlanguage[robotarm]{TeX}{%
3222   % Control sequences names
3223   moretexcs={%
3224     robotArm,%
3225   },%
3226   % Keywords of class 1 : keywords that contain other characters (since
3227   % of the same class as the ones specified as 'otherkeywords')
3228   morekeywords={%
3229   },%
3230   % Keywords of class 2 : environments names
3231   morekeywords=[2]{%
3232     tikzpicture },%
3233   % Keywords of class 3 : mandatory arguments (not environments) &
3234   % optional arguments which are keys (in key=value)
3235   morekeywords=[3]{%
3236     config,q1,q2,q3,%
3237   },%
3238   % Keywords of class 4 : values of keys (in key=value)
3239   morekeywords=[4]{%
3240   },%
3241   % Keywords of class 5 : arguments specifications (after ":" in expl3
3242   % syntax)

```

```

3243     morekeywords=[5]{%
3244     },%
3245     % Keywords of class 6 : current package name (and possibly derived
3246     % packages)
3247     morekeywords=[6]{%
3248         robotarm },%
3249     % otherkeywords={},%
3250     alsoletter={123},%
3251     % alsodigit={},%
3252     % alsoother={},%
3253     sensitive,%
3254 }[keywords, tex, comments]%
3255
3256 \lst@definlanguage[amssymbols]{TeX}{%
3257     % Control sequences names
3258     moretexcs={%
3259         mathbb, mathfrak, angle, Box, dasharrow, dashleftarrow, dashrightarrow, %
3260         Diamond, hbar, Join, leadsto, lhd, llcorner, lozenge, lrcorner, mho, %
3261         rhd, rightharpoonleft, rightharpoonright, sqsubset, sqsupset, square, %
3262         triangleleft, trianglelefteq, trianglemid, trianglemidright, trianglemidleft, %
3263         vartriangleleft, vartriangleright, widehat{arg}, widetilde{arg}, yen, %
3264         checkmark, circledR, maltese, %
3265     },%
3266     % Keywords of class 1 : keywords that contain other characters (since
3267     % of the same class as the ones specified as 'otherkeywords')
3268     morekeywords={%
3269     },%
3270     % Keywords of class 2 : environments names
3271     morekeywords=[2]{%
3272     },%
3273     % Keywords of class 3 : mandatory arguments (not environments) &
3274     % optional arguments which are keys (in key=value)
3275     morekeywords=[3]{%
3276     },%
3277     % Keywords of class 4 : values of keys (in key=value)
3278     morekeywords=[4]{%
3279     },%
3280     % Keywords of class 5 : arguments specifications (after ":" in expl3
3281     % syntax)
3282     morekeywords=[5]{%
3283     },%
3284     % Keywords of class 6 : current package name (and possibly derived
3285     % packages)
3286     morekeywords=[6]{%
3287         amssymbols },%
3288     % otherkeywords={},%
3289     % alsoletter={},%
3290     % alsodigit={},%
3291     % alsoother={},%
3292     sensitive,%
3293 }[keywords, tex, comments]%
3294

```

```

3295 \lst@definlanguage[biolinum]{TeX}{%
3296   % Control sequences names
3297   moretexcs={%
3298     biolinum,biolinum0sf,biolinumLF,biolinumkey,sufigures,textsu,%
3299     textsuperior,oldstylenums,liningnums,oldstylenumsf,liningnumsf,%
3300     tabularnums,proportionalnums,tabularnumsf,proportionalnumsf,%
3301     DeclareTextGlyphY,biolinumGlyph,biolinumKeyGlyph,LKey,LKeyPad,%
3302     LKeyF,LKeyAltF,LKeyStrgAltF,LKeyCtrlAltF,LKeyStrgX,LKeyCtrlX,%
3303     LKeyShiftX,LKeyAltX,LKeyAltGrX,LKeyShiftStrgX,LKeyShiftCtrlX,%
3304     LKeyShiftAltX,LKeyShiftAltGrX,LKeyStrgAltX,LKeyCtrlAltX,%
3305     LKeyStrgAltEnt,LKeyCtrlAltEnt,LKeyReset,LKeyTux,LKeyWin,LKeyMenu,%
3306     LKeyStrg,LKeyCtrl,LKeyAlt,LKeyAltGr,LKeyShift,LKeyTab,LKeyEnter,%
3307     LKeyCapsLock,LKeyPos,LKeyEntf,LKeyEinf,LKeyLeer,LKeyEsc,LKeyEnde,%
3308     LKeyCommand,LKeyOptionKey,LKeyBack,LKeyUp,LKeyDown,LKeyLeft,%
3309     LKeyRight,LKeyPgUp,LKeyPgDown,LKeyAt,LKeyFn,LKeyHome,LKeyDel,%
3310     LKeySpace,LKeyScreenUp,LKeyScreenDown,LKeyIns,LKeyEnd,LKeyGNU,%
3311     LKeyPageUp,LKeyPageDown,LMouseEmpty,LMouseN,LMouseL,LMouseM,%
3312     LMouseR,LMouseLR,LMouseIIEEmpty,LMouseIIN,LMouseIIL,LMouseIIR,%
3313     LMouseIILR,%
3314   },%
3315   % Keywords of class 1 : keywords that contain other characters (since
3316   % of the same class as the ones specified as 'otherkeywords')
3317   morekeywords={%
3318   },%
3319   % Keywords of class 2 : environments names
3320   morekeywords=[2]{%
3321   },%
3322   % Keywords of class 3 : mandatory arguments (not environments) &
3323   % optional arguments which are keys (in key=value)
3324   morekeywords=[3]{%
3325     sfdefault,type1,nofontspec,lining,nf,lf,oldstyle,osf,sflining,%
3326     sflf,sfoldstyle,sfosf,osfss,tabular,t,p,sftabular,sft,%
3327     sfproportional,sfp,scaled,scale,defaultfeatures,space,uni0020,%
3328     exclam,uni0021,quotedbl,uni0022,numbersign,uni0023,dollar,%
3329     uni0024,percent,uni0025,ampersand,uni0026,quotesingle,uni0027,%
3330     parenleft,uni0028,parenright,uni0029,asterisk,uni002A,plus,%
3331     uni002B,comma,uni002C,hyphen,uni002D,period,uni002E,slash,%
3332     uni002F,zero,uni0030,one,uni0031,two,uni0032,three,uni0033,%
3333     four,uni0034,five,uni0035,six,uni0036,seven,uni0037,eight,%
3334     uni0038,nine,uni0039,colon,uni003A,semicolon,uni003B,less,%
3335     uni003C,equal,uni003D,greater,uni003E,question,uni003F,at,%
3336     bracketleft,uni005B,backslash,uni005C,bracketright,uni005D,%
3337     asciicircum,uni005E,underscore,uni005F,grave,uni0060,uni007A,%
3338     braceleft,uni007B,bar,uni007C,braceright,uni007D,asciitilde,%
3339     uni007E,exclamdown,uni00A1,cent,uni00A2,sterling,uni00A3,%
3340     currency,uni00A4,yen,uni00A5,brokenbar,uni00A6,section,uni00A7,%
3341     dieresis,uni00A8,guillemotleft,uni00AB,uni00AD,degree,uni00B0,%
3342     plusminus,uni00B1,acute,uni00B4,uni00B5,periodcentered,uni00B7,%
3343     cedilla,uni00B8,guillemotright,uni00BB,Agrave,uni00C0,Aacute,%
3344     uni00C1,Acircumflex,uni00C2,Atilde,uni00C3,Adieresis,uni00C4,%
3345     Aring,uni00C5,Ccedilla,uni00C7,Egrave,uni00C8,Eacute,uni00C9,%
3346     Ecircumflex,uni00CA,Edieresis,uni00CB,Igrave,uni00CC,Iacute,%

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3347 uni00CD,Icircumflex,uni00CE,Idieresis,uni00CF,Eth,uni00D0,Ntilde,%
 3348 uni00D1,Ograve,uni00D2,Oacute,uni00D3,Ocircumflex,uni00D4,Otilde,%
 3349 uni00D5,Odieresis,uni00D6,multiply,uni00D7,Oslash,uni00D8,Ugrave,%
 3350 uni00D9,Uacute,uni00DA,Ucircumflex,uni00DB,Udieresis,uni00DC,%
 3351 Yacute,uni00DD,Thorn,uni00DE,germandbls,uni00DF,agrave,uni00E0,%
 3352 aacute,uni00E1,acircumflex,uni00E2,atilde,uni00E3,adieresis,%
 3353 uni00E4,aring,uni00E5,ae,uni00E6,cedilla,uni00E7,egrave,%
 3354 uni00E8,eacute,uni00E9,ecircumflex,uni00EA,edieresis,uni00EB,%
 3355 igrave,uni00EC,iacute,uni00ED,icircumflex,uni00EE,idieresis,%
 3356 uni00EF,eth,uni00F0,ntilde,uni00F1,ograve,uni00F2,oacute,%
 3357 uni00F3,ocircumflex,uni00F4,otilde,uni00F5,odieresis,uni00F6,%
 3358 divide,uni00F7,oslash,uni00F8,ugrave,uni00F9,uacute,uni00FA,%
 3359 ucircumflex,uni00FB,udieresis,uni00FC,yacute,uni00FD,thorn,%
 3360 uni00FE,ydieresis,uni00FF,Amacron,uni0100,amacron,uni0101,Abreve,%
 3361 uni0102,abreve,uni0103,Aogonek,uni0104,aogonek,uni0105,Cacute,%
 3362 uni0106,cacute,uni0107,Ccircumflex,uni0108,ccircumflex,uni0109,%
 3363 Cdotaccent,uni010A,cdotaccent,uni010B,Ccaron,uni010C,ccaron,%
 3364 uni010D,Dcaron,uni010E,dcaron,uni010F,Dcroat,uni0110,dcroat,%
 3365 uni0111,Emacron,uni0112,emacron,uni0113,Ebreve,uni0114,ebreve,%
 3366 uni0115,Edotaccent,uni0116,edotaccent,uni0117,Eogonek,uni0118,%
 3367 eogonek,uni0119,Ecaron,uni011A,ecaron,uni011B,Gcircumflex,%
 3368 uni011C,gcircumflex,uni011D,Gbreve,uni011E,gbreve,uni011F,%
 3369 Gdotaccent,uni0120,gdotaccent,uni0121,Gcommaaccent,uni0122,%
 3370 gcommaaccent,uni0123,Hcircumflex,uni0124,hcircumflex,uni0125,Hbar,%
 3371 uni0126,hbar,uni0127,Itilde,uni0128,itylde,uni0129,Imacron,%
 3372 uni012A,imacron,uni012B,Ibreve,uni012C,ibreve,uni012D,Iogonek,%
 3373 uni012E,iogonek,uni012F,Idotaccent,uni0130,dotlessi,uni0131,IJ,%
 3374 uni0132,ij,uni0133,Jcircumflex,uni0134,jcircumflex,uni0135,%
 3375 Kcommaaccent,uni0136,kcommaaccent,uni0137,kgreenlandic,uni0138,%
 3376 Lacute,uni0139,lacute,uni013A,Lcommaaccent,uni013B,lcommaaccent,%
 3377 uni013C,Lcaron,uni013D,lcaron,uni013E,Ldot,uni013F,ldot,uni0140,%
 3378 Lslash,uni0141,lslash,uni0142,Nacute,uni0143,nacute,uni0144,%
 3379 Ncommaaccent,uni0145,ncommaaccent,uni0146,Ncaron,uni0147,ncaron,%
 3380 uni0148,napostrophe,uni0149,Omacron,uni014C,omacron,uni014D,%
 3381 Obreve,uni014E,obreve,uni014F,Ohungarumlaut,uni0150,ohungarumlaut,%
 3382 uni0151,Racute,uni0154,racute,uni0155,Rcommaaccent,uni0156,%
 3383 rcommaaccent,uni0157,Rcaron,uni0158,rcaron,uni0159,Sacute,%
 3384 uni015A,sacute,uni015B,Scircumflex,uni015C,scircumflex,uni015D,%
 3385 Scedilla,uni015E,scedilla,uni015F,Scaron,uni0160,scaron,uni0161,%
 3386 Tcedilla,uni0162,tcedilla,uni0163,Tcaron,uni0164,tcaron,uni0165,%
 3387 Tbar,uni0166,tbar,uni0167,Utilde,uni0168,utilde,uni0169,Umacron,%
 3388 uni016A,umacron,uni016B,Ubreve,uni016C,ubreve,uni016D,Uring,%
 3389 uni016E,uring,uni016F,Uhungarumlaut,uni0170,uhungarumlaut,uni0171,%
 3390 Uogonek,uni0172,uogonek,uni0173,Wcircumflex,uni0174,wcircumflex,%
 3391 uni0175,Ycircumflex,uni0176,ycircumflex,uni0177,Ydieresis,uni0178,%
 3392 Zacute,uni0179,zacute,uni017A,Zdotaccent,uni017B,zdotaccent,%
 3393 uni017C,Zcaron,uni017D,zcaron,uni017E,h.superior,uni02B0,%
 3394 hhook.superior,uni02B1,j.superior,uni02B2,r.superior,uni02B3,%
 3395 rturned.superior,uni02B4,rhookturned.superior,uni02B5,%
 3396 Rsmallinverted.superior,uni02B6,w.superior,uni02B7,y.superior,%
 3397 uni02B8,uni02B9,uni02BA,uni02BB,afii57929,uni02BC,afii64937,%
 3398 uni02BD,uni02BE,uni02BF,uni02C0,uni02C1,uni02C2,uni02C3,uni02C4,%

3399 uni02C5, circumflex, uni02C6, caron, uni02C7, uni02C8, uni02C9, uni02CA, %
 3400 uni02CB, uni02CC, uni02CD, uni02CE, uni02CF, uni02D0, uni02D1, uni02D2, %
 3401 uni02D3, uni02D4, uni02D5, uni02D6, uni02D7, breve, uni02D8, dotaccent, %
 3402 uni02D9, ring, uni02DA, ogonek, uni02DB, tilde, uni02DC, hungarumlaut, %
 3403 uni02DD, uni02DE, uni02DF, gammalatin.superior, uni02E0, l.superior, %
 3404 uni02E1, s.superior, uni02E2, x.superior, uni02E3, %
 3405 glottalstopreversed.superior, uni02E4, uni02EC, uni02ED, uni02EE, %
 3406 gravecomb, uni0300, acutecomb, uni0301, uni0302, tildecomb, uni0303, %
 3407 uni0304, uni0305, uni0306, uni0307, uni0308, hookabovecomb, uni0309, %
 3408 uni030A, uni030B, uni030C, uni030D, uni030E, uni030F, uni0310, uni0311, %
 3409 uni0312, uni0313, uni0314, uni0315, uni0316, uni0317, uni0318, uni0319, %
 3410 uni031A, uni031B, uni031C, uni031D, uni031E, uni031F, uni0320, uni0321, %
 3411 uni0322, dotbelowcomb, uni0323, uni0324, uni0325, uni0326, uni0327, %
 3412 uni0328, uni0329, uni032A, uni032B, uni032C, uni032D, uni032E, uni032F, %
 3413 uni0330, uni0331, uni0338, uni0342, uni0343, uni0351, uni0357, uni0358, %
 3414 uni0359, uni035A, uni035B, uni035C, uni035D, uni035E, uni035F, uni0360, %
 3415 uni0361, uni0362, uni0363, uni0374, uni0375, afii57799, uni05B0, %
 3416 afii57801, uni05B1, afii57800, uni05B2, afii57802, uni05B3, afii57793, %
 3417 uni05B4, afii57794, uni05B5, afii57795, uni05B6, afii57798, uni05B7, %
 3418 afii57797, uni05B8, afii57806, uni05B9, uni05BA, afii57796, uni05BB, %
 3419 afii57807, uni05BC, afii57839, uni05BD, afii57645, uni05BE, afii57841, %
 3420 uni05BF, afii57842, uni05C0, afii57804, uni05C1, afii57803, uni05C2, %
 3421 afii57658, uni05C3, uni05C6, afii57664, uni05D0, afii57665, uni05D1, %
 3422 afii57666, uni05D2, afii57667, uni05D3, afii57668, uni05D4, afii57669, %
 3423 uni05D5, afii57670, uni05D6, afii57671, uni05D7, afii57672, uni05D8, %
 3424 afii57673, uni05D9, afii57674, uni05DA, afii57675, uni05DB, afii57676, %
 3425 uni05DC, afii57677, uni05DD, afii57678, uni05DE, afii57679, uni05DF, %
 3426 afii57680, uni05E0, afii57681, uni05E1, afii57682, uni05E2, afii57683, %
 3427 uni05E3, afii57684, uni05E4, afii57685, uni05E5, afii57686, uni05E6, %
 3428 afii57687, uni05E7, afii57688, uni05E8, afii57689, uni05E9, afii57690, %
 3429 uni05EA, afii57716, uni05F0, afii57717, uni05F1, afii57718, uni05F2, %
 3430 arrowleft, uni2190, arrowup, uni2191, arrowright, uni2192, arrowdown, %
 3431 uni2193, arrowboth, uni2194, arrowupdn, uni2195, uni2196, uni2197, %
 3432 uni2198, uni2199, uni219A, uni219B, uni21A5, uni21A7, uni21BC, uni21BD, %
 3433 uni21C0, uni21C1, arrowdblleft, uni21D0, arrowdblup, uni21D1, %
 3434 arrowdblright, uni21D2, arrowdbldown, uni21D3, arrowdblboth, uni21D4, %
 3435 uni21D5, Nwarrow, uni21D6, Nearrow, uni21D7, Searrow, uni21D8, Swarrow, %
 3436 uni21D9, uni2318, uni2325, uni2326, uni2327, uni232B, uni237D, uni2380, %
 3437 uni2423, filledbox, uni25A0, H22073, uni25A1, triagup, uni25B2, uni25B3, %
 3438 uni25B6, uni25B7, triagdn, uni25BC, uni25BD, uni25C0, uni25C1, uni25C6, %
 3439 uni25C7, uni25C9, lozenge, uni25CA, circle, uni25CB, uni25CE, H18533, %
 3440 uni25CF, uni25D0, uni25D1, uni25D2, uni25D3, uni25D4, uni25D5, uni25D6, %
 3441 uni25D7, openbullet, uni25E6, uni2605, uni2619, uni261B, uni261E, %
 3442 uni2627, uni262F, uni2639, uni263A, uni263B, uni263C, uni263D, uni263E, %
 3443 uni263F, female, uni2640, uni2641, male, uni2642, uni2643, uni2644, %
 3444 uni2645, uni2646, uni2647, uni2648, uni2649, uni264A, uni264B, uni264C, %
 3445 uni264D, uni264E, uni264F, uni2650, uni2651, uni2652, uni2653, uni2660, %
 3446 uni2663, uni2665, uni2666, uni2669, musicalnote, uni266A, %
 3447 musicalnotedbl, uni266B, uni266C, uni2695, uni2698, uni26A2, uni26A3, %
 3448 uni26A4, uni26A5, uni26AD, uni2767, uni2776, uni2777, uni2778, uni2779, %
 3449 uni277A, uni277B, uni277C, uni277D, uni277E, uni277F, T_u_x, uniE000, %
 3450 uniE104, uniE128, uniE129, uniE12A, uniE130, uniE131, uniE132, uniE133, %

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3451 uniE134,uniE135,uniE138,uniE139,uniE13A,uniE13C,uniE13D,uniE168,%
3452 B_a_c_k,uniE16E,S_t_r_g,uniE170,A_l_t,uniE171,A_l_t_G_r,uniE172,%
3453 C_t_r_l,uniE173,S_h_i_f_t,uniE174,T_a_b,uniE175,E_n_t_e_r,%
3454 uniE176,C_a_p_s_l_o_c_k,uniE177,F_1,uniE178,F_2,uniE179,F_3,%
3455 uniE17A,F_4,uniE17B,F_5,uniE17C,F_6,uniE17D,F_7,uniE17E,F_8,%
3456 uniE17F,F_9,uniE180,F_1_0,uniE181,F_1_1,uniE182,F_1_2,uniE183,%
3457 F_1_3,uniE184,F_1_4,uniE185,F_1_5,uniE186,F_1_6,uniE187,uniE188,%
3458 H_o_m_e,uniE189,D_e_l,uniE18A,I_n_s,uniE18B,uniE18C,E_n_d,%
3459 uniE18E,G_N_U,uniE190,P_o_s_1,uniE191,E_n_t_f,uniE192,E_i_n_f,%
3460 uniE193,L_e_e_r,uniE194,E_s_c,uniE195,E_n_d_e,uniE196,uniE198,%
3461 uniE199,uniE19A,uniE19B,uniE1A0,uniE1A1,uniE1A2,uniE1A3,uniE1A4,%
3462 uniE1A5,uniE1A6,uniE1A7,uniE1A8,uniE1A9,uniE1AA,uniE1AB,uniE1AC,%
3463 uniE1AD,uniE1AE,uniE1B0,uniE1B1,grave.cap,uniE358,acute.cap,%
3464 uniE359,circumflex.cap,uniE35A,caron.cap,uniE35B,breve.cap,%
3465 uniE35C,hungarumlaut.cap,uniE35D,space_uni030F.cap,uniE35E,%
3466 breveinvertedcmb.cap,uniE35F,breve.cyr,uniE360,breve.cyr,%
3467 uniE361,dieresis.cap,uniE362,hookabovecomb.cap,uniE363,uniFFFD,%
3468 },%
3469 % Keywords of class 4 : values of keys (in key=value)
3470 morekeywords=[4]{%
3471 },%
3472 % Keywords of class 5 : arguments specifications (after ":" in expl3
3473 % syntax)
3474 morekeywords=[5]{%
3475 },%
3476 % Keywords of class 6 : current package name (and possibly derived
3477 % packages)
3478 morekeywords=[6]{%
3479 biolinum },%
3480 % otherkeywords={},
3481 % alsoletter={},
3482 % alsodigit={},%
3483 % alsoother={},%
3484 sensitive,%
3485 }[keywords, tex, comments]%
3486
3487 \lst@definlanguage[biblatex]{TeX}{%
3488 % Control sequences names
3489 moretexcs={%
3490 cite,Cite,parencite,Parencite,footcite,footcitetext,smartcite,%
3491 Smartcite,textcite,Textcite,supercite,cites,Cites,parencites,%
3492 Parencites,footcitesfootcitetexts, textcites,Textcites,supercites,%
3493 autocite,Autocite,autocite*,Autocite*,autocites,Autocites,%
3494 citeauthor,Citeauthor,citetitle,citetitle*,citeyear,citeurl,%
3495 parentext,brackettext,nocite,fullcite,footfullcite,volcite,%
3496 Volcite,pvolcite,Pvolcite,fvolcite,ftvolcite,tvolcite,Tvolcite,%
3497 avolcite,Avolcite,notecite,Notecite,pnotecite,Pnotecite,fnotecite,%
3498 citename,citelist,citefield,printbibliography,bibliography,%
3499 citedate,ExecuteBibliographyOptions,defbibnote,psq,psqq,%
3500 addbibresource,AtNextCite,DeclareNameAlias,%
3501 },%
3502 % Keywords of class 1 : keywords that contain other characters (since

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3503 % of the same class as the ones specified as 'otherkeywords')
3504 morekeywords={%
3505 },%
3506 % Keywords of class 2 : environments names
3507 morekeywords=[2]{%
3508 },%
3509 % Keywords of class 3 : mandatory arguments (not environments) &
3510 % optional arguments which are keys (in key=value)
3511 morekeywords=[3]{%
3512 abstract, addendum, afterword, annotation, annotator, author, %
3513 authortype, bookauthor, bookpagination, booksubtitle, booktitle, %
3514 booktitleaddon, chapter, commentator, date, doi, edition, editor, %
3515 editora, editorb, editorc, editortype, editoratype, editorbtype, %
3516 editorctype, eid, eprint, eprintclass, eprinttype, eventdate, %
3517 eventtitle, file, foreword, holder, howpublished, indextitle, %
3518 institution, introduction, isan, isbn, ismn, isrn, issn, issue, %
3519 issuesubtitle, issuetitle, iswc, journalsubtitle, journaltitle, label, %
3520 language, library, location, mainsubtitle, maintitle, maintitleaddon, %
3521 month, nameaddon, note, number, organization, origdate, origlanguage, %
3522 origlocation, origpublisher, origtitle, pages, pagetotal, pagination, %
3523 part, publisher, pubstate, reprinttitle, series, shortauthor, %
3524 shorteditor, shorthand, shorthandintro, shortjournal, shortseries, %
3525 shorttitle, subtitle, title, titleaddon, translator, type, url, urldate, %
3526 venue, version, volume, volumes, year, crossref, entryset, entrysubtype, %
3527 execute, gender, hyphenation, indexsorttitle, keywords, options, %
3528 presort, sortkey, sortname, sorttitle, sortyear, xref, annote, %
3529 archiveprefix, journal, key, pdf, primaryclass, school, address, %
3530 datamodel, %
3531 %
3532 backend, style, citestyle, bibstyle, sorting, maxnames, minnames, %
3533 maxitems, minitems, backref, abbreviate, firstinits, prenote, postnote, %
3534 useprefix, autopunct, giveninits, labelname, given-family, %
3535 },%
3536 % Keywords of class 4 : values of keys (in key=value)
3537 morekeywords=[4]{%
3538 submitted, inpress, danish dutch, american, USenglish, english, british, %
3539 UKenglish, canadian, australian, newzealand, finnish, french, francais, %
3540 canadien, german, ngerman, austrian, naustrian, greek, italian, norsk, %
3541 nynorsk, brazil, portuges, spanish, swedish, %
3542 %
3543 biber, numeric, numeric-comp, numeric-verb, alphabetic, alphabetic-verb, %
3544 authoryear, authoryear-comp, authoryear-ibid, authoryear-icomp, %
3545 authortitle, authortitle-comp, authortitle-ibid, authortitle-icomp, %
3546 authortitle-terse, authortitle-tcomp, authortitle-ticomp, verbose, %
3547 verbose-ibid, verbose-note, verbose-inote, verbose-trad1, verbose-trad2, %
3548 %
3549 verbose-trad3, reading, draft, debug, and, inline, footnote, %
3550 superscript, plain, nyt, ynt, none, false, true, %
3551 },%
3552 % Keywords of class 5 : arguments specifications (after ":" in expl3
3553 % syntax)
3554 morekeywords=[5]{%

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```

3554 },%
3555 % Keywords of class 6 : current package name (and possibly derived
3556 % packages)
3557 morekeywords=[6]{%
3558     biblatex },%
3559 % directives
3560 directives={%
3561     article,book,inbook,bookinbook,suppbook,booklet,collection,%
3562     conference,incollection,suppcollection>manual,misc,online,patent,%
3563     periodical,suppperiodical,proceedings,inproceedings,reference,%
3564     inference,report,thesis,unpublished,masterthesis,phdthesis,%
3565     string,comment,%
3566 },%
3567 % otherkeywords={},%
3568 alsoletter={-},%
3569 % alsodigit={},%
3570 delim=[directive]@,sensitive=false,%
3571 }[keywords,directives,tex,comments]%
3572
3573 \lst@definlanguage[lthooks]{TeX}{%
3574     % Control sequences names
3575     moretexcs={%
3576         AddToHook,BeforeBeginEnvironment,AtBeginEnvironment,AtEndEnvironment
3577         ,%
3578         AfterEndEnvironment,%
3579     },%
3579     % Keywords of class 1 : keywords that contain other characters (since
3580     % of the same class as the ones specified as 'otherkeywords')
3581     morekeywords={},%
3582     },%
3583     % Keywords of class 2 : environments names
3584     morekeywords=[2]{%
3585     },%
3586     % Keywords of class 3 : mandatory arguments (not environments) &
3587     % optional arguments which are keys (in key=value)
3588     morekeywords=[3]{%
3589     % begin,end,
3590     before,after,begindocument,begindocument/before,%
3591     begindocument/end,endeddocument,endeddocument/afterlastpage,%
3592     endeddocument/afteraux,endeddocument/info,endeddocument/end,env,%
3593     },%
3594     % Keywords of class 4 : values of keys (in key=value)
3595     morekeywords=[4]{%
3596     },%
3597     % Keywords of class 5 : arguments specifications (after ":" in expl3
3598     % syntax)
3599     morekeywords=[5]{%
3600     },%
3601     % Keywords of class 6 : current package name (and possibly derived
3602     % packages)
3603     morekeywords=[6]{%
3604         lthooks },%

```



```

3605 % otherkeywords={},%
3606 alsoletter={/},%
3607 % alsodigit={},%
3608 % alsoother={},%
3609 sensitive,%
3610 }[keywords,tex,comments]%
3611
3612 \lst@definlanguage[l3keys2e]{TeX}{%
3613 % Control sequences names
3614 moretexcs={%
3615     ProcessKeysOptions,ProcessKeysPackageOptions,%
3616 },%
3617 % Keywords of class 1 : keywords that contain other characters (since
3618 % of the same class as the ones specified as 'otherkeywords')
3619 morekeywords={%
3620 },%
3621 % Keywords of class 2 : environments names
3622 morekeywords=[2]{%
3623 },%
3624 % Keywords of class 3 : mandatory arguments (not environments) &
3625 % optional arguments which are keys (in key=value)
3626 morekeywords=[3]{%
3627 },%
3628 % Keywords of class 4 : values of keys (in key=value)
3629 morekeywords=[4]{%
3630 },%
3631 % Keywords of class 5 : arguments specifications (after ":" in expl3
3632 % syntax)
3633 morekeywords=[5]{%
3634 },%
3635 % Keywords of class 6 : current package name (and possibly derived
3636 % packages)
3637 morekeywords=[6]{%
3638     l3keys2e },%
3639 % otherkeywords={},%
3640 alsoletter={23},%
3641 % alsodigit={},%
3642 % alsoother={},%
3643 sensitive,%
3644 }[keywords,tex,comments]%
3645
3646 \lst@definlanguage[varioref]{TeX}{%
3647 % Control sequences names
3648 moretexcs={%
3649     vref,vpageref,%
3650 },%
3651 % Keywords of class 1 : keywords that contain other characters (since
3652 % of the same class as the ones specified as 'otherkeywords')
3653 morekeywords={%
3654 },%
3655 % Keywords of class 2 : environments names
3656 morekeywords=[2]{%

```

```

3657     },%
3658     % Keywords of class 3 : mandatory arguments (not environments) &
3659     % optional arguments which are keys (in key=value)
3660     morekeywords=[3]{%
3661     },%
3662     % Keywords of class 4 : values of keys (in key=value)
3663     morekeywords=[4]{%
3664     },%
3665     % Keywords of class 5 : arguments specifications (after ":" in expl3
3666     % syntax)
3667     morekeywords=[5]{%
3668     },%
3669     % Keywords of class 6 : current package name (and possibly derived
3670     % packages)
3671     morekeywords=[6]{%
3672         varioref },%
3673     % otherkeywords={},
3674     % alsoletter={},
3675     % alsodigit={},%
3676     % alsoother={},%
3677     sensitive,%
3678 }[keywords,tex,comments]%
3679
3680 \lst@definlanguage[hologo]{TeX}{%
3681     % Control sequences names
3682     moretexcs={%
3683         hologo },%
3684     % Keywords of class 1 : keywords that contain other characters (since
3685     % of the same class as the ones specified as 'otherkeywords')
3686     morekeywords={%
3687     },%
3688     % Keywords of class 2 : environments names
3689     morekeywords=[2]{%
3690     },%
3691     % Keywords of class 3 : mandatory arguments (not environments) &
3692     % optional arguments which are keys (in key=value)
3693     morekeywords=[3]{%
3694     },%
3695     % Keywords of class 4 : values of keys (in key=va ,lue)
3696     morekeywords=[4]{%
3697     },%
3698     % Keywords of class 5 : arguments specifications (after ":" in expl3
3699     % syntax)
3700     morekeywords=[5]{%
3701     },%
3702     % Keywords of class 6 : current package name (and possibly derived
3703     % packages)
3704     morekeywords=[6]{%
3705         hologo%
3706     },%
3707     % otherkeywords={},
3708     % alsoletter={},

```

```

3709 % alsodigit={},%
3710 % alsoother={},%
3711 sensitive,%
3712 }[keywords,tex,comments]%
3713
3714 \lst@definelanguage[acro]{TeX}{%
3715 % Control sequences names
3716 moretexcs={%
3717   Ac,Aca,Acap,Acf,Acfp,Acl,Aclp,Acp,AcroAcronymsMap,AcroAddRow,%
3718   AcroMapBreak,AcroNeedPackage,AcroPropertiesMap,AcroPropertiesSet,%
3719   AcroRerun,AcroStyle,AcroTemplateName,AcroTemplateType,AcronymID,%
3720   AcronymTable,Acs,Acsp,BeginAccSupp,Dacs,DeclareAcroArticle,%
3721   DeclareAcroEnding,DeclareAcroPreset,DeclareAcroProperty,%
3722   DeclareAcroPropertyAlias,DeclareAcroTranslation,DeclareAcronym,Iac,%
3723   Iaca,Iacf,Iacl,Iacs,MakeAcroPropertyAlias,NewAcroCommand,%
3724   NewAcroPreset,NewAcroTemplate,RenewAcroCommand,RenewAcroPreset,%
3725   RenewAcroTemplate,SetupAcroTemplate,SetupNextAcroTemplate,%
3726   UseAcroTemplate,abbrdot,ac,aca,acap,acbarrier,acdot,acf,acfg,%
3727   acflike,acfootnote,acfp,acg,aciftrailing,acl,aclg,aclp,acp,%
3728   acreset,acresetall,acrocite,acrodefinite,acrodonotuse,acrodotfill,%
3729   acroendfootnote,acroformat,acrofull,acrogroupcite,acroheading,%
3730   acroifT,acroifTF,acroifallTF,acroifanyT,acroifanyTF,%
3731   acroifbooleanTF,acroifchapterF add,acroifchapterTF,acroiffirstT,%
3732   acroiffirstTF addchap,acroifpagesTF,acroifsingleTF,acroifstarredTF,%
3733   acroiftagTF,acroifusedTF,acroindefinite,acrolistname,acronneedpages,%
3734   acronopagerange,acronymsmap,acronymsmapF,acronymsmapTF,acropagefill,%
3735   %
3736   acropages,acroplural,acropossessive,acropreamble,acroshow,%
3737   acrotranslate,acroupper,acrowrite,acs,acsetup,acsp,acspace,%
3738   acswitchoff,acswitchon,acuse,dacs,declareAcronym,iac,iaca,iacf,%
3739   iacl,iacs,iacsg,printacronyms,%
3740   %
3741   acro_locale,acro_if_foreign,acro_if_locale,__acro_foreign_language,%
3742   acro_property_get,acro_property_if_set,acro_property_get,%
3743   },%
3744 % Keywords of class 1 : keywords that contain other characters (since
3745 % of the same class as the ones specified as 'otherkeywords')
3746 morekeywords={%
3747   },%
3748 % Keywords of class 2 : environments names
3749 morekeywords=[2]{%
3750   },%
3751 % Keywords of class 3 : mandatory arguments (not environments) &
3752 % optional arguments which are keys (in key=value)
3753 morekeywords=[3]{%
3754   activate,addsec,addsec*,all,alt,alt,alt-acc,alt-format,%
3755   alt-indefinite,alt-plural,alt-plural-form,barriers,before-citation,%
3756   caption,%
3757   case-insensitive,%case-sensitive,%chapter,chapter*,cite,clear,cmd,%
3758   deactivate,define,description,disable,display,exclude,extra,%
3759   extra-acc,extra-foreign,extra-format,extra-long,fill,first,%
3760   first-long,first-long-format,first-style,first-style ,floats,%

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3760     footnote, foreign, foreign, foreign-acc, foreign-babel, foreign-format , %
3761     foreign-locale, foreign-plural, foreign-plural-form, format, format, %
3762     group, heading, id, include, index, index, index-cmd, index-sort, %
3763     language, link-only-first, list, list, list-acc, list-format, %
3764     list/display, lists, load-style, local, locale, lof, long, long, %
3765     long-acc, long-format, long-indefinite, long-plural, long-plural-ending,
    %
3766     long-plural-form, long-post, long-short, longtable, longtabu, lppl, %
3767     ltxtable, make-links, maketitle, method, name, no-index, none, options, %
3768     pages, pdf, pdf, pdfcomment, pdfcomment/cmd, pdfcomment/use, pdfstring, %
3769     post, pre, preamble, preset, replace, reset, section, section*, short, %
3770     short, short, short-acc, short-format, short-indefinite, short-long, %
3771     short-plural, short-plural-ending, short-plural-form , show, single, %
3772     single, single, single-acc threshold, single-format
3773     title, single-style, %
3774     single-style, sort, sort, subsequent-style, subsequent-style, %
3775     supertabular, tabular, tabularx, tag, upgrade, use, use-id-as-short, %
3776     uselist, version, %
3777 }, %
3778 % Keywords of class 4 : values of keys (in key=value)
3779 morekeywords=[4]{%
3780 }, %
3781 % Keywords of class 5 : arguments specifications (after ":" in expl3
3782 % syntax)
3783 morekeywords=[5]{%
3784 }, %
3785 % Keywords of class 6 : current package name (and possibly derived
3786 % packages)
3787 morekeywords=[6]{%
3788    acro%
3789 }, %
3790 % otherkeywords={}, %
3791 alsoletter={-}, %
3792 % alsodigit={}, %
3793 % alsoother={}, %
3794 sensitive, %
3795 }[keywords, tex, comments]%
3796
3797 \lst@definlanguage[csquotes]{TeX}{%
3798     % Control sequences names
3799     moretexcs={%
3800         enquote, %
3801     }, %
3802     % Keywords of class 1 : keywords that contain other characters (since
3803     % of the same class as the ones specified as 'otherkeywords')
3804     morekeywords={%
3805     }, %
3806     % Keywords of class 2 : environments names
3807     morekeywords=[2]{%
3808         displayquote, %
3809     }, %
3810     % Keywords of class 3 : mandatory arguments (not environments) &

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```

3811 % optional arguments which are keys (in key=value)
3812 morekeywords=[3]{%
3813 },%
3814 % Keywords of class 4 : values of keys (in key=value)
3815 morekeywords=[4]{%
3816 },%
3817 % Keywords of class 5 : arguments specifications (after ":" in expl3
3818 % syntax)
3819 morekeywords=[5]{%
3820 },%
3821 % Keywords of class 6 : current package name (and possibly derived
3822 % packages)
3823 morekeywords=[6]{%
3824 csquotes%
3825 },%
3826 % otherkeywords={},
3827 % alsoletter={},
3828 % alsodigit={},%
3829 % alsoother={},%
3830 sensitive,%
3831 }[keywords,tex,comments]%
3832
3833 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
3834 % tcolorbox
3835 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
3836 \lst@definlanguage[tcolorbox]{TeX}%
3837 {%
3838 % Control sequences names
3839 moretexcs={%
3840 tcbuselibrary,newtcbtheorem,tcbset%
3841 },%
3842 % Keywords of class 1 : keywords that contain other characters (since
3843 % of the same class as the ones specified as 'otherkeywords')
3844 morekeywords={%
3845 %
3846 },%
3847 % Keywords of class 2 : environments names
3848 morekeywords=[2]{%
3849 absquote,boxarraystore,dispExample,dispExample*,dispListing,%
3850 dispListing*,docCommand,docCommand*,docCommands,docEnvironment,%
3851 docEnvironment*,docEnvironments,docKey,docKey*,docKeys,%
3852 docPathOperation,docPathOperation*,docPathOperations,extcolorbox,%
3853 extikzpicture,foauxenv,foocolorbox,foocolorbox*,posterboxenv,%
3854 tcbclipframe,tcbclipinterior,tcbcliptitle,tcbexternal,%
3855 tcbinvclipframe,tcbitemize,tcblisting,tcboutputlisting,%
3856 tcbboxeditemize,tcbboxedraster,tcbposter,tcbrafter,tcbverbatimwrite,%
3857 tcbwritetemp,tcolorbox,%
3858 },%
3859 % Keywords of class 3 : mandatory arguments (not environments) &
3860 % optional arguments which are keys (in key=value)
3861 morekeywords=[3]{%
3862 Crefname,IfBooleanF,IfBooleanT,IfBooleanTF,IfNoValueF,IfNoValueT,%

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3863 IfNoValueTF, IfValueF, IfValueT, IfValueTF, PassOptionsToClass, %
3864 PassOptionsToPackage, above*, above, actual, adapt, add, adjust, %
3865 adjusted, after, alert, alerted, algorithm, align*, align, all, ams, %
3866 and, angular, annotate, app, arara, arc, array, as, at, attach, auto, %
3867 autoparskip, balanced, base, basedim, baseline, beamer, bean, before, %
3868 beforeafter, % begin,
3869 below, between, biber, bibtex, bicolor, blank, %
3870 blanker, blankest, blend, body, bold, bookmark*, bookmark, borderline, %
3871 both, bottom*, bottom, bottomrule, bottomsep, bottomtitle, bounding, %
3872 box, boxed, boxes, boxrule, boxsep, break*, break, breakable, broken, %
3873 by, caption, capture, center, check, circular, clear, clip, code, %
3874 colback, colbacklower, colbacktitle, colframe, collower, colon, color, %
3875 colorize, colors, colspacing, coltext, coltitle, column*, column, %
3876 columns, colupper, command, comment, compilable, compiler, compress, %
3877 content, corner, corners, counter*, counter, counters, coverage, %
3878 crefname, current, curved, dash, default, definition, delimiters, %
3879 description, detach, directory, do, doc, docexample, documentation, %
3880 downwards, draft, draftmode, draw, drop, dvips, east, empty, % end,
3881 %
3882 enforce, engine, english, enhanced, enlarge, enlargement, enlargepage, %
3883 entry, environment, environments, equal, equation*, equation, error, %
3884 even, every, example!, example, extend, extension, external, %
3885 externalize, extras, extrude, fade, fading, file, fill, filled, finally, %
3886 finish, first, fit, fitting, fixed, flexible, flip, float*, float, %
3887 floatplacement, flush, flushleft, flushright, font, fontlower, fontsize, %
3888 fonttitle, fontupper, for, force, format, formatter, frame, freelance, %
3889 freelancefirst, freelancelast, freelancemiddle, freestyle, freeze, from, %
3890 full, fuzzy, gap, gather*, gather, geometry, german, goal, graphical, %
3891 graphics, group, grow, halign, halo, hanging, hbox, head, height, %
3892 hidden, hide, higher, highlight, hooks, horizontal, hyperlink, hyperref, %
3893 hypertarget, hyperurl*, hyperurl, hyphenationfix, if, ignore, image, in, %
3894 indent, index*, index, inherit, initially, input, inputencoding, inside, %
3895 interior, into, invisible, inwards, is, jigsaw, jpg, key, keypath, keys, %
3896 keywords, label, language, large, last, latex, layer, layers, left*, %
3897 left, lefthand, leftlower, leftright, leftrule, lefttitle, leftupper, %
3898 length, lengths, level, lifted, limit, line*, line, lines, list, %
3899 listing!, listing, listings, listingsutf, lower*, lower, lowerbox, %
3900 lowered, lualatex, m, macros, magazine, makeindex, many, marginnote, %
3901 marker, math, maxfontdiff, maxfontdiffgap, maxstep, maxwidthdiff, %
3902 maxwidthdiffgap, method, midday, middle, minimum, minipage, minted, %
3903 most, move, multicolumn, multirow, n, name, nameref, natural, new, %
3904 nirvana, no, nobeforeafter, nobreak, node, nodes, nodisplayskip, %
3905 nofloat, none, noparskip, nophantom, north, northeast, northwest, not, %
3906 notitle, number, octagon, odd, of, offset, on, oneside*, oneside, only, %
3907 opacity, opacityback, opacitybacklower, opacitybacktitle, opacityfill, %
3908 opacityframe, opacitylower, opacitytext, opacitytitle, opacityupper, %
3909 option, options, or, orientation, out, outer, outside, outwards, over, %
3910 overlay, overlays, oversize, overzoom, pad, page*, page, pages, %
3911 pageshort, parameter, parbox, parenthesis, parfillskip, parskip, path, %
3912 paths, pdf, pdflatex, percent, phantom, phantomlabel, placeholder, %
3913 plain, plus, png, poster, pre, preamble, preclass, prefix, process, %
3914 pspdf, quote, raise, raised, raster, ratio, record, recording, remake, %

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3915 remember, remove, reset, restore, right*, right, righthand, rightlower, %
3916 rightrule, righttitle, rightupper, rotate, rounded, row, rows, %
3917 rowspacing, rowspan, run, runner, runs, safety, savedelimiter, %
3918 savelowerto, saveto, scale, scope, segmentation, semi, separated, %
3919 separator, sequence, settings, shade, shading, shadow, sharp, sharpish, %
3920 shield, show, showframe, shrink, side, sidebyside, sideways, sign, %
3921 size, skin, skins, skip, small, smart, sort, source, south, southeast, %
3922 southwest, space, spacing, span, spartan, split, spread, square, %
3923 squeezed, stack, standard, step, store, stretch, style, subskin, %
3924 subtitle, supplement, switch, system, tabulars*, tabulars, tabularx*, %
3925 tabularx, tcbimage, tcbbox, preamble tcbset, tempfile, terminator, text, %
3926 theorem, theorems, tight, tikz, tikznode, tile, title*, title, titlebox, %
3927 titled, titlerule, to, toggle, top*, top, toprule, topsep, toptitle, %
3928 type, unbreakable, unbroken, underlay, updated, upper*, upper, upperbox, %
3929 upwards*, upwards, use, utf, valign, value, values, varwidth, verbatim, %
3930 vertical, vfill, vignette, visible, void, warning, watermark, west, %
3931 widget, width, with, within, xelatex, xmax, xmin, xparse, xshift, ymax, %
3932 ymin, yshift*, yshift, yshifttext, zoom, %
3933 }, %
3934 % Keywords of class 4 : values of keys (in key=value)
3935 morekeywords=[4]{%
3936 all, and, apart, areastyle*, areastyle, as-is, auto, base, baselineskip, %
3937 beamer, beamerfirst, beamerlast, beamermiddle, bicolor, bicolorfirst, %
3938 bicolorlast, bicolormiddle, both, bottom, break, broken, center, change, %
3939 clipped, colon, copy, dash, direct, doc, downhill, draft, east, empty, %
3940 emptyfirst, emptylast, emptymiddle, enhanced, enhancedfirst, %
3941 enhancedlast, enhancedmiddle, evenpage, false, fbox, figures, final, %
3942 first, fitbox, flush, fontsize*, fontsize, forced, freelance, %
3943 freelancefirst, freelancelast, freelancemiddle, hang, hbox, hybrid*, %
3944 hybrid, ignored, invisible, jigsaw, justify, landscape*, landscape, %
3945 last, left, limited, listings, margin, maximum, middle, minimal, %
3946 minimum, minipage, minted, none, normal, north, northeast, northwest, %
3947 off, on, path, pathfirst, pathfirstjigsaw, pathjigsaw, pathlast, %
3948 pathlastjigsaw, pathmiddle, pathmiddlejigsaw, pgf, pgfchapter, %
3949 pgfsection, plain, portrait*, portrait, right, rows, scale*, scale, %
3950 seam, small, south, southeast, southwest, spartan, squeeze, standard, %
3951 tables, tight, tile, tilefirst, tilelast, tilemiddle, title, top, true, %
3952 unbroken, unlimited, uphill, visible, west, widget, widgetfirst, %
3953 widgetlast, widgetmiddle, red, black, white, none, %
3954 }, %
3955 % Keywords of class 5 : arguments specifications (after ":" in expl3
3956 % syntax)
3957 morekeywords=[5]{%
3958 }, %
3959 % Keywords of class 6 : current package name (and possibly derived
3960 % packages)
3961 morekeywords=[6]{%
3962 tcolorbox%
3963 }, %
3964 % otherkeywords={}, %
3965 alsoletter={ \ }, %
3966 % alsodigit={}, %

```

```

3967 % alsoother={},%
3968 sensitive,%
3969 }[keywords,tex,comments]%
3970
3971 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
3972 % Classes (La)TeX
3973 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
3974 \lst@definlanguage[classes]{TeX}{%
3975 % Control sequences
3976 moretexcs={%
3977 },%
3978 % Keywords of class 1 : keywords that contain other characters
3979 % (since of the same class as the ones specified as
3980 % 'otherkeywords')
3981 morekeywords={%
3982 %
3983 },%
3984 % Keywords of class 2 : environments names
3985 morekeywords=[2]{%
3986 },%
3987 % Keywords of class 3 : mandatory arguments (not environments)
3988 % & optional arguments which are keys (in key=value)
3989 morekeywords=[3]{%
3990 },%
3991 % Keywords of class 4 : values of keys (in key=value)
3992 morekeywords=[4]{%
3993 },%
3994 % Keywords of class 5 : arguments specifications (after ":"
3995 % in expl3 syntax)
3996 morekeywords=[5]{%
3997 },%
3998 % Keywords of class 6 : current package name (and possibly
3999 % derived packages)
4000 morekeywords=[6]{%
4001 a0poster,aalok,aastex631,abntex2,achemso,acmart,acmconf,
4002 active-conf,adfathesis,afparticle,afthesis,aguplus,aiaa-tc,
4003 akklecture,akkscript,akktecdoc,akletter,myletter,ametsoc,
4004 amsart,amsbook,amsdtx,amslatex,amsproc,aomart,apa,apa6,
4005 apa6e,apa7,arabart,arabbook,arabrep,arabrep1,articleingud,
4006 asaetr,ascelike,asmeconf,asmejour,assignment,aucklandthesis,
4007 bangorcsthesis,bangorexam,barticle,bbook,bletter,
4008 bankstatement,article,book,letter,ltnews,ltxdoc,ltxguide,
4009 minimal,proc,report,slides,source2edoc,basque-book,beamer,
4010 beamerswitch,beaulivre,beilstein,argetabelle,bewerbung,
4011 bgteubner,BHCexam,bitart,bitbook,bjfuthesis,BMSTU-IU8,
4012 bookcover,bookest,bookshelf,br-lex,brandeis-dissertation,
4013 brandeis-problemset,brandeis-thesis,buctcover,buctthesis,
4014 bxjsarticle,bxjsbook,bxjsreport,bxjsslide,cascadilla,cd,
4015 cd-cover,articoletteracdp,letteracdp,cesenaexam,cheatsheet,
4016 chemmacros-manual,chletter,cje,cnbwp,cnltx-doc,codedoc,
4017 colorart,colorbook,combine,cc,ConcProg,confproc,contracard,
4018 courseoutline,coursepaper,cquthesis,csbulletin,csbulobalka,

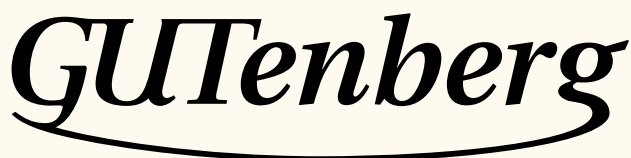
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4019 csbulv1, ctexart, ctexbeamer, ctexbook, ctexrep, ctxdoc, curve,
 4020 cv4tw, cweb, idcc, ijdc-v14, ijdc-v9, dinbrief, disser, gost732,
 4021 dithesis, droit-fr, dtk, dvdcoll, easybook, ebsthesis, agecon,
 4022 ajae, apecon, ecca, erae, itaxpf, jrurstud, njf, oegatb, pocoec,
 4023 regstud, worlddev, ecv, einfart, ejpecp, elbioimp, elegantbook,
 4024 elegantnote, elegantpaper, elpres, cas-dc, cas-sc, elsarticle,
 4025 elteikthesis, emisa, emulateapj, erdc, eskd, eskdgraph, eskdtab,
 4026 eskdtext, estcpmm, europasscv, europecv, exam, exam-n, examdesign,
 4027 exesheet, extarticle, extbook, extletter, extproc, extreport,
 4028 facsimile, factura, fancyhandout, fancyslides, fbithesis, fcavtex,
 4029 fdudoc, fduthesis-en, fduthesis, fei, ffslides, fithesis,
 4030 fithesis2, fithesis3, fithesis4, flacards, flashcards, frletter,
 4031 g-brief, g-brief2, gaceta, gammas, gatech-thesis, gmdocc,
 4032 gradstudentresume, grant-afosr, grant-aro, grant-darpa, grant-doe,
 4033 grant-nih, grant-nrl, grant-nsf, grant-onr, grant, graphpaper,
 4034 gridslides, gsemthesis, guitartabs, gzt, gztarticle, h2020proposal,
 4035 hgbarticle, hgbreport, hgbthesis, harnon-cv, hausarbeit-jura,
 4036 hcart, hcletter, hcreport, hcslides, hecthesse, hepthesis, hitec,
 4037 hithesis, hitreport, hitszthesis, hletter, hpsdiss, fsbispt,
 4038 huawei, hustthesis, icsv, IEEEconf, IEEEtran, ijmart, ijsra,
 4039 image-gallery, IMTEKda, inkpaper, invoice-class, iodhbwm, iscam,
 4040 isov2, isodoc, iwhdp, jacow, jlreq, jmlr, jmlrbook, jnuexam, jpsj2,
 4041 jura, jurabook, juraovw, juraurtl, kdgcoursetext, kdgmasterthesis,
 4042 kdpcover, kerntest, kluwer, knittingpattern, scrartcl, scrarticle,
 4043 scrbook, scrdoc, scrletter, scrlett2, scrreport, scrreprt, komacv,
 4044 obloivoir-utf, obloivoir-xl, obloivoir, xobloivoir, ksp-thesis, l3doc,
 4045 labbook, leadsheet, leaflet, lebhart, lectures, letgut, lettre, limap,
 4046 limecv, lion-msc, lni, lps, lt3graph-packagedoc, ltxdockit,
 4047 ltxguidex, abstbook, beletter, flashcard, iagproc, cours, fiche,
 4048 matapli, matc3mem, mcmthesis, ltxmdf, medstarbeamer, meetingmins,
 4049 memoir, mensa-tex, mentis, metanorma, milog, minimart, minimbook,
 4050 mla, mluexercise, mnras, moderncv, modernposter, msu-thesis,
 4051 mucproc, mugsthesis, muling, musuos, muthesis, third-rep, mwart,
 4052 mwbk, mwrep, mycv, nature, ncc, nccproc, sibjnm, nddiss2e,
 4053 ndsu-thesis, newlrm, nih, nihbiosketch, njurepo, nlctdoc, nostarch,
 4054 nrc1, nrc2, artikel1, artikel2, artikel3, boek, boek3, brief,
 4055 rapport1, rapport3, nwejm, nwejmart, octavo, onrannual,
 4056 oup-authoring-template, journal, paper, papertex, pbsheet, pecha,
 4057 petiteannonce, philosophersimprint, pittetd, pkuthss, plari, play,
 4058 postcards, powerdot, FUpowerdot, ppr-prv, pracjourn, pressrelease,
 4059 proposal, reporting, dfgproposal, dfgreporting, euproposal,
 4060 eureporting, prosper, protocol, prtec, upmgr, wkmgr, pst-doc,
 4061 ptptex, qcm, quantumarticle, qyxf-book, ReadableCV, recipe,
 4062 RecipeBook, recipecard, refart, refrep, resphilosophica, revtex4-2,
 4063 revtex4, revtex4-1, rtklage, ryersonSGSThesis, ryethesis, sageep,
 4064 sapthesis, schuleab, schulein, schuleit, schulekl, schuleub,
 4065 schuleue, schullsg, schullzk, schulma-ab, schulma-gutachten,
 4066 schulma-klausur, schulma-komp, schulma-mdlprf, schulma-praes,
 4067 schwalbe, sciposter, screenplay, scrjrn1, sdapsclassic, sduthesis,
 4068 seminar, semproc, sesamanuel, seuthesix, sffms, cassette, etiketka,
 4069 shtthesis, caesar_book, sides, simplecv, simplivre, skbarticle,
 4070 skbbeamer, skbbook, skblncsbeamer, skblncsppt, skbmoderncv, skdoc,

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4071     skeyval-testclass, skrapport, smfart, smfbook, SPhdThesis, spie,
4072     sr-vorl, sslides, stage, standalone, usthesis, hwexam, mikoslides,
4073     omdoc, smglom, subfiles, suftesi, sugconf, tabriz-thesis, talk,
4074     tcldoc, tcldoc, powersem, thesis-ekf, thesis-gwu, thuthesis,
4075     tikz-kalender, tikzposter, tlc-article, TOPletter, toptesi,
4076     tudabeamer, tudaexercise, tudaleaflet, tudaletter, tudaposter,
4077     tudapub, tudasciposter, tudscrartcl, tudscrbook, tudscrdoc,
4078     tudscrmanual, tudscrposter, tudscrreprt, tufte-book, tufte-handout,
4079     ltugboat, ltugproc, tui, turabian, turabian-researchpaper,
4080     turabian-thesis, my-thesis, ua-thesis, uafthesis,
4081     uantwerpenbamathesis, uantwerpencoursetext, uantwerpenexam,
4082     uantwerpenletter, uantwerpenphdthesis, uantwerpenreport,
4083     ucalgmthesis, ucbthesis, ucdavisthesis, ucsmonograph, ucthesis,
4084     udesoftec, uebungsblatt, uestcthesis, uhhassignment, uiucborder,
4085     uiucthesis, ulthese, legislation, umich-thesis, umthesis,
4086     unam-thesis, unifith, unitn-bimrep, univie-ling-expose,
4087     univie-ling-paper, univie-ling-thesis, univie-ling-wlg,
4088     unizgklasa, uothesis, UoWthesis, upmethodology-document, URbeamer,
4089     URletter, uspatent, ut-thesis, utexasthesis, uwmslide, uwthesis,
4090     verifica, webquiz, willowtreebook, withargs-packagedoc,
4091     wsemclassic, xduthesis, xebaposter, xmuthesis, xsim-manual,
4092     yaletter, yathesis, ycbook, ydoc, york-thesis,
4093     },%
4094     % otherkeywords={},%
4095     alsoletter={0123456789-},%
4096     % alsodigit={},%
4097     sensitive%
4098 }[keywords, tex, comments]%

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secretariat[at]gutenberg-asso[dot]fr

Site Internet : <https://gutenberg-asso.fr/>

Cahiers : <https://cahiers.gutenberg-asso.fr/> et <https://www.numdam.org/journals/CG/>

Lettre : <https://lettre.gutenberg-asso.fr/>

Problèmes Texniques :

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

site de questions et réponses : <https://texnique.fr/>

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.
Adhérents, vous pouvez aussi échanger sur la vie de l'association sur la liste de diffusion 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.

Tarifs² 2025

Les membres de GUTenberg peuvent adhérer à l'association internationale, le rug, et recevoir son bulletin *TUGboat* à un tarif préférentiel³ :

Type d'adhésion	Prix
Personne physique	30 €
Personne physique + adhésion rug	95 € (= 30 € + 65 €)
Personne physique à tarif réduit	15 €
Personne physique à tarif réduit + adhésion rug	55 € (= 15 € + 40 €)
Association d'étudiants	65 €
Organisme ou association à but non lucratif	130 €
Personne morale à but lucratif	229 €

Règlements

Les règlements peuvent s'effectuer par :

- paiement en ligne sécurisé⁴ : <https://gutenberg-asso.fr/Adherer-en-ligne>
- bulletin et chèque : <https://gutenberg-asso.fr/Adherer-a-l-association>

La Lettre GUTenberg

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Directeur de la publication : P. Bideault

Comité de rédaction : P. Bideault, D. Bitouzé, C. Chevalier & B. Dumont

Adresse de la rédaction : Association GUTenberg

15 rue des Halles – BP 74 – 75001 Paris

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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, 65 € (au lieu de 85 \$) ; en tarif étudiant, 40 € (au lieu de 55 \$).

4. En carte bancaire.