1 The Lower Sorbian language

The file `lsorbian.dtx`[1] It defines all the language-specific macros for Lower Sorbian.

The macro `\LdfInit` takes care of preventing that this file is loaded more than once, checking the category code of the @ sign, etc.

```
1 ⟨∗code⟩
2 \LdfInit\CurrentOption{date\CurrentOption}
```

When this file is read as an option, i.e. by the `\usepackage` command, `lsorbian` will be an 'unknown' language, in which case we have to make it known. So we check for the existence of `\l@lsorbian` to see whether we have to do something here. As babel also knwos the option lowersorbian we have to check that as well.

```
3 \ifx\l@lowersorbian\@undefined
4   \ifx\l@lsorbian\@undefined
5     \@nopatterns{lsorbian}
6     \adddialect\l@lsorbian\z@
7     \let\l@lowersorbian\l@lsorbian
8   \else
9     \let\l@lowersorbian\l@lsorbian
10  \fi
11 \else
12   \let\l@lsorbian\l@lowersorbian
13 \fi
```

The next step consists of defining commands to switch to (and from) the Lower Sorbian language.

`\captionslsorbian`   The macro `\captionslsorbian` defines all strings used in the four standard documentclasses provided with LaTeX.

```
14 \@namedef{captions\CurrentOption}{%
15   \def\prefacename{Zawod}%
16   \def\refname{Referency}%
17   \def\abstractname{Abstrakt}%
18   \def\bibname{Literatura}%
19   \def\chaptername{Kapitl}%
20   \def\appendixname{Dodawki}%
21   \def\contentsname{Wop\'simje\'se}%
22   \def\listfigurename{Zapis wobrazow}%
23   \def\listtablename{Zapis tabulkow}%
24   \def\indexname{Indeks}%
25   \def\figurename{Wobraz}%
26   \def\tablename{Tabulka}%
27   \def\partname{\'Z\v el}%
28   \def\enclname{P\'si\l oga}%
29   \def\ccname{CC}%
```

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[1] The file described in this section has version number v1.0j and was last revised on 2021/11/05. It was written by Eduard Werner (`edi@kaihh.hanse.de`).

```
30    \def\headtoname{Komu}%
31    \def\pagename{Strona}%
32    \def\seename{gl.}%
33    \def\alsoname{gl.~teke}%
34    \def\proofname{Proof}%  <-- needs translation
35    \def\glossaryname{Glossary}% <-- Needs translation
36    }%
```

\newdatelsorbian   The macro \newdatelsorbian redefines the command \today to produce Lower Sorbian dates.

```
37 \@namedef{newdate\CurrentOption}{%
38    \def\today{\number\day.~\ifcase\month\or
39      januara\or februara\or m\v erca\or apryla\or maja\or
40      junija\or julija\or awgusta\or septembra\or oktobra\or
41      nowembra\or decembra\fi
42      \space \number\year}}
```

\olddatelsorbian   The macro \olddatelsorbian redefines the command \today to produce old-style Lower Sorbian dates.

```
43 \@namedef{olddate\CurrentOption}{%
44    \def\today{\number\day.~\ifcase\month\or
45      wjelikego ro\v zka\or
46      ma\l ego ro\v zka\or
47      nal\v etnika\or
48      jat\v sownika\or
49      ro\v zownika\or
50      sma\v znika\or
51      pra\v znika\or
52      \v znje\'nca\or
53      po\v znje\'nca\or
54      winowca\or
55      nazymnika\or
56      godownika\fi \space \number\year}}
```

The default will be the new-style dates.

```
57 \expandafter\let\csname date\CurrentOption\expandafter\endcsname
58                \csname newdate\CurrentOption\endcsname
```

\extraslsorbian   The macro \extraslsorbian will perform all the extra definitions needed for the
\noextraslsorbian   lsorbian language. The macro \noextraslsorbian is used to cancel the actions of
\extraslsorbian. For the moment these macros are empty but they are defined
for compatibility with the other language definition files.

```
59 \@namedef{extras\CurrentOption}{}
60 \@namedef{noextras\CurrentOption}{}
```

The macro \ldf@finish takes care of looking for a configuration file, setting
the main language to be switched on at \begin{document} and resetting the
category code of @ to its original value.

```
61 \ldf@finish\CurrentOption
62 ⟨/code⟩
```