

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 knows the option `lowersorbian` we have to check that as well.

```
3 \ifx\l@lowersorbian\@undefined
4 \ifx\l@lsorbian\@undefined
5 \nopatterns{Lsorbian}
6 \addialect\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.

`\captionlsorbian` The macro `\captionlsorbian` 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}%
```

¹The file described in this section has version number `v1.0g` and was last revised on 2008/03/17. It was written by Eduard Werner (`edi@kaih.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\or 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\or v zka\or
46   ma\l ego ro\or v zka\or
47   nal\or v etnika\or
48   jat\or v sownika\or
49   ro\or v zownika\or
50   sma\or v znika\or
51   pra\or v znika\or
52   \or v znje\'nca\or
53   po\or 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 Sorbian 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)
```