

The lccaps package*

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This tiny package serves the mere purpose of providing a uniform method to use lowercased small capitals (and spaced lowercased small capitals). It relies on the `iftex`, `textcase` and `microtype` package and comes with four new user macros.

- `\textlcc` This is the main feature. It produces forced lowercased SMALL CAPITALS.
- `\spacedcaps` This is more of an auxiliary macro. But, it can be used at the user level of course. It is meant to be used as a prefix to `\textlcc` or `\textsc` which results in a slightly wider spacing between small capitals:

```
\spacedcaps\textlcc{Spaced capitals} ~\rightsquigarrow SPACED CAPITALS
```

- `\textslcc` Those two are just shorthands for the last mentioned. Technically the very last one exceeds the scope of this package. It is a simple byproduct that should not be harmful.
- `\textssc`

```
1 \RequirePackage{iftex}
2 \RequirePackage{textcase}
3 \RequirePackage{microtype}
4 \protected\def\lcc@warning{\PackageWarning{lccaps}}
5 \DeclareRobustCommand\textlcc[1]{\textsc{\MakeTextLowercase{#1}}}
6 \def\spacedcaps#1{%
7   \let\reserved@a=#1%
8   \ifnum
9     \ifx\reserved@a\textsc1\else
10    \ifx\reserved@a\textlcc1\else
11      0\fi\fi
12   =1
13   \expandafter\reserved@lcc
14   \else
15     \lcc@warning{The token preceeding \noexpand\spacedcaps
16       wasn't meant to typeset small capitals, so nothing happend.}%
17     \expandafter\reserved@a
18   \fi
19 }
20 \def\reserved@lcc#1{%
```

*This document corresponds to lccaps v1.0, dated 2018/01/21.

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```
21 \expandafter\@spacedcaps\expandafter{\reserved@a{#1}}%
22 }
23 \ifXeTeX
24 \def\@spacedcaps#1{\bgroup\addfontfeature{LetterSpace=5.0}#1\egroup}
25 \else
26 \def\@spacedcaps{\textls[50]}
27 \fi
28 \DeclareRobustCommand\textslcc{\spacedcaps\textlcc}
29 \DeclareRobustCommand\textssc{\spacedcaps\textsc}
```