The **stealcaps** package[*]

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This little package is mainly meant to be used when there is a (TrueType or OpenType) font that does not provide real small capitals. Some tend to use uppercased letters as a workaround – it is a bad workaround! In fact, I consider it better practice to borrow, or steal the small capitals from another font. And this is exactly what the package does. This might also be useful in the rare case that someone does not like the present small capitals, and wants to change them, or likes those from another font better.

However, to achieve the borrowing one does only need to load the package and specify the name of the target font via the *from* option:

\usepackage[*from=⟨font name⟩*]{stealcaps}

It works with both pdfLaTeXand its successors XeLaTeX and LuaLaTeX. In the first case you have to make sure the font name is NFSS compliant. Otherwise, it has to be **fontspec** compliant.

The implementation is rather simple and straightforward.

As usual, we start by loading what is required:

```
1 \RequirePackage{pgfopts}
2 \RequirePackage{iftex}
```

We have to load **fontspec** in case XeLaTeXor LuaLaTeX, hence not pdfLaTeXis in use, to make sure the \fontspec command, used by this package, is guarantied to be defined.

```
3 \ifPDFTeX\else
4   \RequirePackage{fontspec}
5 \fi
```

Then we set up the only package option and commence its processing.

```
6 \pgfkeys{
7   /stc/.cd,
```

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[*]This document corresponds to **stealcaps** v1.0, dated 2018/01/21.
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```
 8   from/.store in=\font@wildcard@stc
 9 }
10 \ProcessPgfOptions{/stc}
```

To distinguish between the operating engines there are two macros to select the replacement font (one for fontspec powered ones and one for good old pdfLaTeX), which then are \let to \font@stc according to the engine in use.

```
11 \def\font@xe@or@lua@stc{\fontspec}
12 \def\font@pdf@stc{\fontfamily}
13 \def\selectfont@or@relax@stc{\relax}
14 \ifPDFTeX
15   \let\font@stc\font@pdf@stc
16   \let\selectfont@or@relax@stc\selectfont
17 \else
18   \let\font@stc\font@xe@or@lua@stc
19 \fi
```

At last, we load the replacement font employing \font@stc inside a group and substitute the small captials fonts.

```
20 \begingroup
21   \font@stc\font@wildcard@stc\selectfont@or@relax@stc
22   \DeclareFontShape{\f@encoding}{\rmdefault}{m}{sc}{%
23     <-> ssub * \f@family/m/sc
24   }{}
25   \DeclareFontShape{\f@encoding}{\rmdefault}{bx}{sc}{%
26     <-> ssub * \f@family/bx/sc
27   }{}
28 \endgroup
```