

cstypo user manual

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1 Introduction

The `cstypo` package provides macros that enforce basic Czech typography rules through Lua hooks available in LuaTeX.

1. There should be no line break between single letter preposition and single letter conjugations and word following them.
2. There should be no line break between number and % symbol.

There are obviously more rules than these two but only the above rules are enforceable through this package.

2 User interface

The following two macros allow to enable and disable hook that enforces penalization of line breaks after single letter words:

```
\newcommand{\cstypoSingleLetterEnable}{%  
  \luaexec{cstypo_single_letter_enable()}}  
\newcommand{\cstypoSingleLetterDisable}{%  
  \luaexec{cstypo_single_letter_disable()}}
```

The following two macros allow to enable and disable hook that enforces the same rule as above but for ‘a’ conjugation. The reason that this is separate from the rest of the single letter prepositions and conjugations is that line break after ‘a’ is tolerated for narrow column texts. It might be desirable to have this rule enforced for all of the single letter words except for the ‘a’.

```
\newcommand{\cstypoALetterEnable}{%  
  \luaexec{cstypo_a_letter_enable()}}  
\newcommand{\cstypoALetterDisable}{%  
  \luaexec{cstypo_a_letter_disable()}}
```

The following two macros allow to enable and disable hook that enforces penalization of line breaks between number and % symbol.

```
\newcommand{\cstypoPercentsEnable}{%  
  \luaexec{cstypo_percents_enable()}}  
\newcommand{\cstypoPercentsDisable}{%  
  \luaexec{cstypo_percents_disable()}}
```