The uninormalize package

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Version 0.1
2/12/2015

1 The uninormalize package

The purpose of this package is to provide unicode normalization for LuaLaTeX. It is based on Arthur Reutenauer's code for GSOC 2008, which was adapted a little bit to work with current Luaotfload. For more information, see this question on TeX.sx.

1.1 Basic usage

```
\documentclass{article}
\usepackage{fontspec}
\usepackage[czech]{babel}
\setmainfont{Linux Libertine O}
\usepackage{uninormalize}
\begin{document}

Some tests:
\begin{itemize}
  \item combined letter ά %GREEK SMALL LETTER ALPHA (U+03B1)
                          % + COMBINING GREEK YPOGEGRAMMENI
                          % (U+0345)
  \item normal letter ᾳ   % GREEK SMALL LETTER ALPHA WITH
                          %YPOGEGRAMMENI (U+1FB3)
\end{itemize}

Some more combined and normal letters:
óo̍o̍ö

Linux Libertine does support some combined chars: \parbox{4em}{příliš}
\end{document}
```

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This package does have three options:

- buffer - normalize processed document when it is read from disk. This is the default option and seems to work better than the other one.
- nodes - normalize LuaTeX nodes. This unfortunatelly doesn't work well, because sometimes the input characters are changed before this stage, probably by font processing.
- debug - print debug messages to the terminal output

1.2 Example results

- combined letter ɑ̨
- normal letter ɑ̨

Some more combined and normal letters: óóo̍o̍öö
Linux Libertine does support some combined chars: příliš