The showhyphens package
Show all possible hyphenation points
Patrick Gundlach patrick@gundla.ch
Version 0.4a September 23, 2015

Contents

1 Documentation 1
2 Bugs and limitations 2
3 Options 2
4 Changes 2
5 Copying 2

1 Documentation

When you load the package showhyphens in your LuaLATEX document, LATEX will show all possible hyphenation points. This package requires you to process the document with LuaLATEX.

\documentclass{article}
\usepackage{showhyphens}
\begin{document}
A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone, and feel the charm of existence in this spot, which was created for the bliss of souls like mine. I am so happy, my dear friend, so absorbed in the exquisite sense of mere tranquil existence, that I neglect my talents. I should be incapable of drawing a single stroke at the present moment; and yet I feel that I never was a greater artist than now.\end{document}

yields
A wonderful serenity has taken possession of my entire soul, like these sweet mornings of spring which I enjoy with my whole heart. I am alone, and feel the charm of existence in this spot, which was created for the bliss of souls like mine. I am so happy, my dear friend, so absorbed in the exquisite sense of mere tranquil existence, that I neglect my talents. I should be incapable of drawing a single stroke at the present moment; and yet I feel that I never was a greater artist than now.

2 Bugs and limitations

Ligatures will give incorrect results. For example “office” gives: office but should show office instead. While it is possible to look inside the ffi ligature and find out where the original hyphen character was placed (between the first f and the following component fi), it is very hard to draw the line indicating the hyphenation point correctly. The ffi ligature is one opaque rectangle to the package. Drawing a line at the correct position is pure luck, and therefore out of the scope of the package.

3 Options

blue Shows hyphenation marker in blue, instead of red.

4 Changes

0.4a 2015-09-23
Documentation update.

0.4 2015-09-22
Document limitation on ligatures.

0.3 2014-07-30
Internal changes (node structure corrected, node ids not hard coded)

0.2 2012-10-25
New option “blue”, thanks go to Herbert Voß.

5 Copying

Copyright 2011-2014 Patrick Gundlach (patrick@gundla.ch), licensed under the MIT license. See the style for details.