

The showhyphens package

Show all possible hyphenation points

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Version 0.4a
September 23, 2015

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1 Documentation

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

```
\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: offi’ce but should show of’fice 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

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