`latexindent.pl`

Version 3.0

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Abstract

`latexindent.pl` is a `Perl` script that indents `.tex` (and other) files according to an indentation scheme that the user can modify to suit their taste. Environments, including those with alignment delimiters (such as `tabular`), and commands, including those that can split braces and brackets across lines, are *usually* handled correctly by the script. Options for `verbatim`-like environments and indentation after headings (such as `chapter`, `section`, etc) are also available. The script also has the ability to modifiy line breaks, and add comment symbols.

Contents

Listings

1   Demonstration: before and after

Let's give a demonstration of some before and after code–after all, you probably won't want to try the script if you don't much like the results. You might also like to watch the video demonstration I made on youtube [10]

As you look at Listings 1 to 6, remember that `latexindent.pl` is just following its rules, and there is nothing particular about these code snippets. All of the rules can be modified so that each user can personalize their indentation scheme.

FIX

In each of the samples given in Listings 1 to 6 the 'before' case is a 'worst case scenario' with no effort to make indentation. The 'after' result would be the same, regardless of the leading white space at the beginning of each line which is stripped by `latexindent.pl` (unless a `verbatim`-like environment or `noIndentBlock` is specified – more on this in **??**).

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[*]and contributors! (See **??** on page ??.) For all communication, please visit [6].

LISTING 1: filecontents before

```latex
\begin{filecontents}{mybib.bib}
@online{strawberryperl,
title="Strawberry␣Perl",
url="http://strawberryperl.com/"}
@online{cmhblog,
title="A␣Perl␣script␣...
url="...
}
\end{filecontents}
```

LISTING 2: filecontents after

```latex
\begin{filecontents}{mybib.bib}
    ⊣@online{strawberryperl,
    ⊣    ⊣title="Strawberry␣Perl",
    ⊣    ⊣url="http://strawberryperl.com/"}
    ⊣@online{cmhblog,
    ⊣    ⊣title="A␣Perl␣script␣...
    ⊣    ⊣url="...
    ⊣}
\end{filecontents}
```

LISTING 3: tikzset before

```latex
\tikzset{
shrink␣inner␣sep/.code={
\pgfkeysgetvalue...
\pgfkeysgetvalue...
}
}
```

LISTING 4: tikzset after

```latex
\tikzset{
    ⊣shrink␣inner␣sep/.code={
    ⊣    ⊣    ⊣\pgfkeysgetvalue...
    ⊣    ⊣    ⊣\pgfkeysgetvalue...
    ⊣    ⊣}
}
```

LISTING 5: pstricks before

```latex
\def\Picture#1{%
\def\stripH{#1}%
\begin{pspicture}[showgrid]
\psforeach{\row}{%
{{3,2.8,2.7,3,3.1}},%
{2.8,1,1.2,2,3},%
...
}{%
\expandafter...
}
\end{pspicture}}
```

LISTING 6: pstricks after

```latex
\def\Picture#1{%
    ⊣\def\stripH{#1}%
    ⊣\begin{pspicture}[showgrid]
    ⊣    ⊣\psforeach{\row}{%
    ⊣    ⊣    ⊣{{3,2.8,2.7,3,3.1}},%
    ⊣    ⊣    ⊣{2.8,1,1.2,2,3},%
    ⊣    ⊣    ⊣...
    ⊣    ⊣}{%
    ⊣    ⊣    ⊣\expandafter...
    ⊣    ⊣}
    ⊣\end{pspicture}}
```