

penlight – Lua libraries for use in LuaLaTeX

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Default

```
\usepackage{penlight}
```

If no options are used when using this package, then all penlight packages are available under the lua variable `penlight`. Here is an example:

```
\begin{luacode*}
    texio.write_nl(penlight.pretty.write(penlight.List('hello')))
\end{luacode*}
```

The official documentation for the lua library can be found here:
<https://stevedonovan.github.io/Penlight/api/manual/01-introduction.md.html#>

Package Options

- `pl` will make penlight packages are available under the global lua variable `pl` or `penlight`.
- `stringx` will import additional string functions into the string meta table.
this will be ran in pre-amble: `require('pl.stringx').import()`
<https://stevedonovan.github.io/Penlight/api/libraries/pl.stringx.html>
- `format` allows % operator for Python-style string formatting
this will be ran in pre-amble: `require('pl.text').format_operator()`
<https://stevedonovan.github.io/Penlight/api/libraries/pl.text.html>
- `func` allows placeholder expressions eg. `_1 + 1` to be used
this will be ran in pre-amble: `penlight.utils.import('pl.func')`
<https://stevedonovan.github.io/Penlight/api/libraries/pl.func.html>

Disclaimer: I am not the author of the Lua penlight library. penlight is Copyright ©2009-2016 Steve Donovan, David Manura. The distribution of penlight used for this library is: <https://github.com/lunarmodules/penlight>