

# penlight

Lua libraries for use in LuaLaTeX

Kale Ewasiuk (kalekje@gmail.com)

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Documentation for Penlight can be found here:  
<https://lunarmodules.github.io/Penlight>

This package uses version 1.13.1

## Importing Penlight from within LaTeX

Loading this package runs the Lua code: `penlight = require'penlight'`

Other options for the package are:

- `pl` adds the alias `pl = penlight`
- `stringx` will import additional string functions into the string meta table via `require('penlight.stringx').import()`
- `format` allows the `%` operator for Python-style string formatting via `require('penlight.stringx').format_operator()`
- `func` allows placeholder expressions eg. `_1+1` to be used via `penlight.utils.import(penlight.func)`
- `import` does the above three

An example usage is: `\usepackage [pl,import]{penlight}`

## Importing Penlight from within Lua

Instead of using `penlight.sty`, you can simply:  
`penlight = require'penlight'` from within Lua.

This package used to contain `penlightextras.lua`. That functionality now belongs to a standalone package named `penlightplus`.

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>

The author of this library has merged all penlight sub-modules into a single file for this distribution.