The FadingImage Package

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Abstract

This is **not only the document but also the demo** for the FadingImage package, which provides three commands for adding fading full width picture at the top, bottom or both of them on a page. And this package is used for my template LiteBook and LiteSolution.

1   The purpose of this package

This package provides two commands for adding fading full width picture at the top or bottom of a page. Welcome to feedback bugs or ideas via email xiamyphys@gmail.com or GitHub.

This package requires tikz package to node images and fading library to support fading image.

2   Loading FadingImage

I strongly advise you to use terminal/cmd to implement the commands to update all the packages (and install this package) to the latest version or switch to portable version instead

```
sudo tlmgr update --self --all
```

3   Commands UPFadingImage, LOWFadingImage and UPLOWFadingImage

```
\UPFadingImage [<keyval list>]{<file>} \LOWFadingImage[<keyval list>]{<file>}
\UPFadingImage [<keyval list>]{<file>} [<keyval list>]{<file>}
```

The first two commands all have 2 variables and the first one is optional. The second variable of the commands can assign the image that you want to insert, and the first one can assign the parameters of command includegraphics, such as clip to the inserted image.

The third command is a combination of the first two commands and it will call the tikz environment for only once time to reduce compile time.

If a star (*) is added after the commands (such as \UPFadingImage*[...]{...}), then the image you inserted won't be faded.

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*https://github.com/xiamyphys/FadingImage