

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. This package is contained in the **LiteBook** and **LiteSolution** class.

Welcome to feedback bugs or ideas via email xiamyphys@gmail.com or [GitHub](#).

1 Installing **fadingimage** and loading it

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

Simply download `fadingimage.cls` file from [GitHub](#) or [CTAN](#) and save it under your working directory. However, I strongly suggest to use terminal to install and update all packages to the latest version

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

To learn more, please refer to [How do I update my TeX distribution?](#)

2 Commands **UPFadingImage**, **LOWFadingImage** and **UPLowFadingImage**

```
\UPFadingImage [<keyval list>]{<file>} \LOWFadingImage[<keyval list>]{<file>}  
\UPLowFadingImage[<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 just a combination of the first two commands. If a star (*) is added after the commands above, the image you inserted won't be faded.

*<https://github.com/xiamyphys/fadingimage>