

The **fadingimage** Package

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Abstract

This is **not only the document but also the demo** for the **fadingimage** package, which provides macros for inputting full width picture at the edges of pages quickly. 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 T_EX distribution?](#)

2 Macros in this package

```
\UPFadingImage <*> [<keyval list>] {<file>} <!> % fading from top  
\LOWFadingImage <*> [<keyval list>] {<file>} <!> % fading from bottom  
\LTFadingImage <*> [<keyval list>] {<file>} <!> % fading from left  
\RITFadingImage <*> [<keyval list>] {<file>} <!> % fading from right
```

The four commands all have 2 variables and the first one is optional. The second variable 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.

If an exclamation `<!>` is added at the end of the commands, the image inserted won't be faded. If a star `<*>` is added after the commands it will automatically exit vertical mode `\leavevmode` after inserting the image.

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