

draftfigure – modifying drafted figures*

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Abstract

This package allows you to customize the outcome of drafted figures.

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1 Installation

`draftfigure` is part of the distributions MiKTeX¹ and TeXLive² – thus, you can easily install it using the respective package manager. If you would like to install `draftfigure` manually, do the following: Download the folder `draftfigure` with all relevant files from the CTAN-server³ and copy the content of the zip-file to the `$LOCALTEXMF` directory of your system.⁴ Refresh your filename database.

Here is some additional information from the UK TeX FAQ:

- [Where to install packages](#)
- [Installing files “where \$\LaTeX\$ /TeX can find them”](#)
- [“Private” installations of files](#)

*For further information about the code visit <https://github.com/LukasCBossert/draftfigure> Comments and criticisms are welcome.

¹Website: <http://www.miktex.org>.

²Website: <http://www.tug.org/texlive>.

³<https://www.ctan.org/pkg/draftfigure\protect\let\futurelet\@let@token\let>

⁴If you don't know what that is, have a look at <http://www.tex.ac.uk/cgi-bin/texfaq2html?label=tds> or <http://mirror.ctan.org/tds/tds.html>.

2 Status Quo

Usually you see all of your images in your PDF:

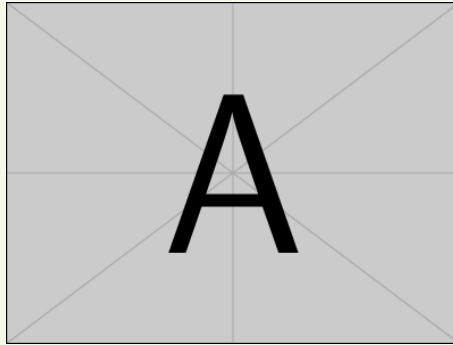


Figure 1: A

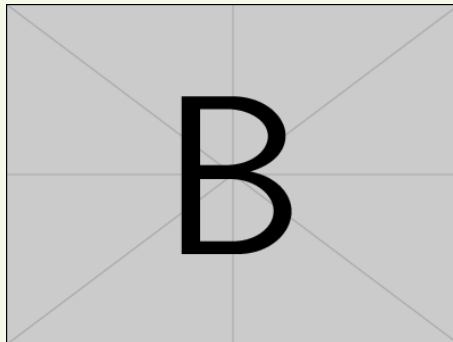


Figure 2: B

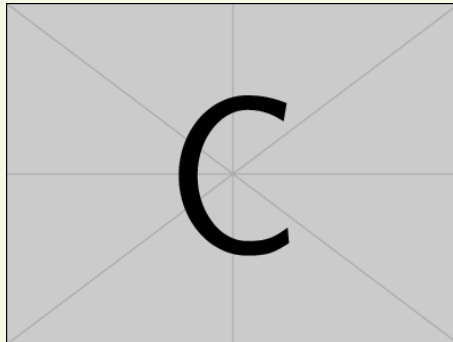


Figure 3: C

Sometimes you do not need to see the images or want to omit them due to faster compiling or you do not have the right to publish them.

You can “switch off” the images by using the option `draft` either with `\documentclass[draft]{<class>}` or with `\usepackage[draft]{graphicx}`.

If you do not like the outcome with the filename and its path written with `\ttfamily` but still need the same size of the image in the text then use this package `draftfigure` to modify the outcome.

3 Usage

`draftfigure` The name of the package is `draftfigure` which has to be activated in the preamble.

```
\usepackage[<further options>]{draftfigure}
```

Without any further options you will now get white boxes instead of the images.

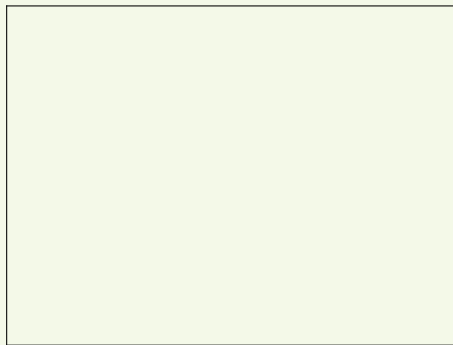


Figure 4: A

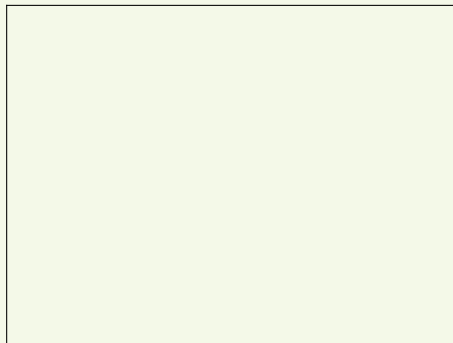


Figure 5: B

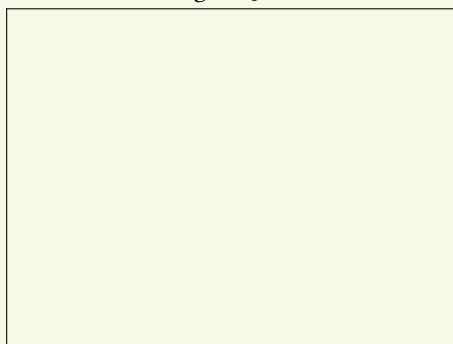


Figure 6: C

4 Options

If you like the plain white boxes you don't need to do anything else. But if you like to change that use one or more of the following options.

So let's see some action.

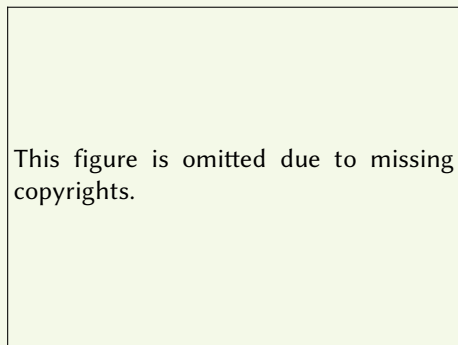
4.1 Preamble

The following options are set in the preamble and considered globally for all figures.

4.1.1 content

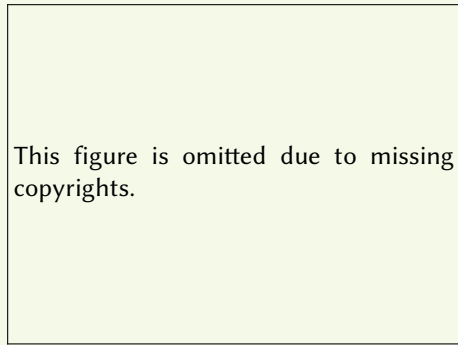
`content` With this option you can set an individual text which will be displayed in the white box.

```
\usepackage[%  
  content = {This figure is omitted due to missing copyrights  
  },%  
]{draftfigure}
```



This figure is omitted due to missing copyrights.

Figure 7: A



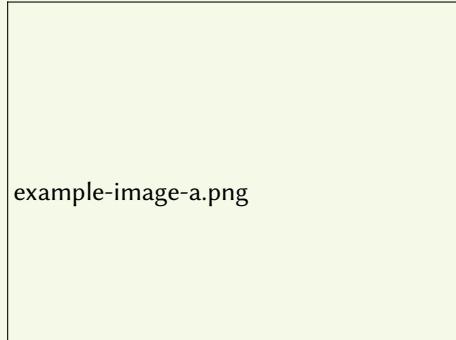
This figure is omitted due to missing copyrights.

Figure 8: B

4.1.2 filename

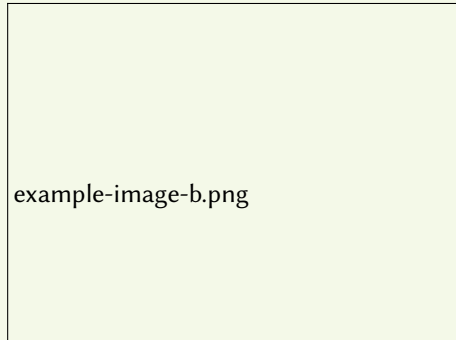
`filename` Activating this option with `true` the filename will be displayed in the white box. If you also have defined some text for `content` the filename will appear one line below of content.

```
\usepackage[%  
  filename,%  
{draftfigure}
```



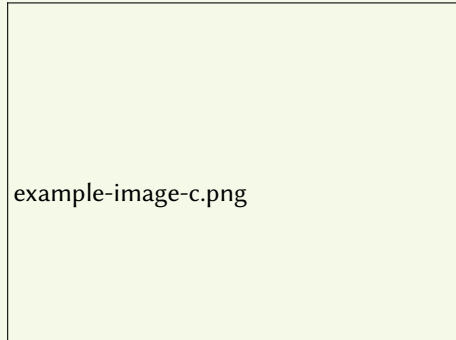
example-image-a.png

Figure 9: A



example-image-b.png

Figure 10: B




example-image-c.png

Figure 11: C


filename And with some text in content it will look like this:
content

```
\usepackage[%  
  filename,%  
  content={no image available}  
]{draftfigure}
```




no image available
example-image-a.png

Figure 12: A



no image available
example-image-b.png

Figure 13: B



no image available
example-image-c.png

Figure 14: C

4.1.3 style

style This defines the font style of the text of content or filename. You can chose one of the following styles:

<code>sf \sffamily</code>	<code>normal \normalfont</code>	<code>sc \scshape</code>
<code>tt \ttfamily</code>	<code>bf \bfseries</code>	
<code>rm \rmfamily</code>	<code>it \itshape</code>	

content Default is sf.
style

```
\usepackage[%
  content={hidden image},
  style = {bf},%
]{draftfigure}
```

hidden image

Figure 15: A

hidden image

Figure 16: B

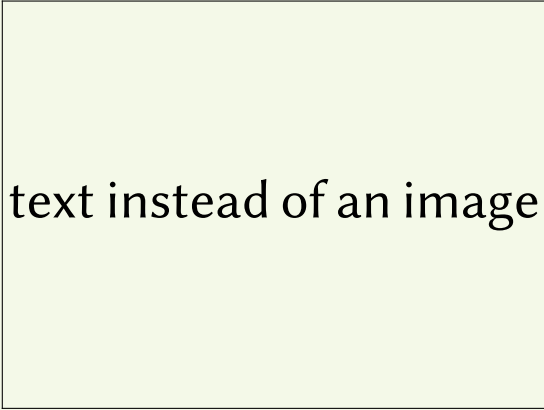
4.1.4 size

size You can also define the text size of content with predefined values:

tiny \tiny	large \large
scriptsize \scriptsize	Large \Large
small \small	LARGE \LARGE
footnotesize \footnotesize	huge \huge
normal \normalsize	

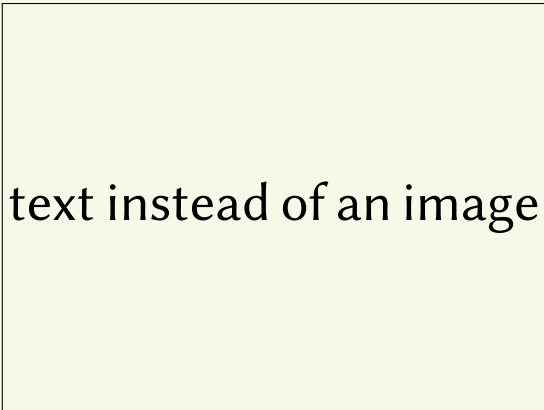
content Default is small.
size

```
\usepackage[%
  content={text instead of an image},
  size = {huge},%
]{draftfigure}
```



text instead of an image

Figure 17: A



text instead of an image

Figure 18: B

4.1.5 position

position You can also decide where your text from content has to be placed

left \raggedright | center \centering | right \raggedleft

content Default is left.
position

```
\usepackage[%
  content={positioning},
  position = {center},%
]{draftfigure}
```

positioning

Figure 19: A

positioning

Figure 20: B

positioning

Figure 21: C

4.1.6 allfiguresdraft

`allfiguresdraft` Enabling `allfiguresdraft` all figures in your text will be shown as a white box. This is the same as `\usepackage[draft]{graphicx}`.

4.1.7 noframe

`noframe` The white boxes of the replaced figures are shown with no frame and no border, but still same sizes as the figure it represents.

4.2 Individually possible options

Since you can also set `draft` to individual images you can also pass some of the options of `draftfigure` to individual images.

style These are `style`, `[size]`, `position`, `content`, `filename`.
size
position In the preamble there is this setup
content
filename

```
\usepackage{draftfigure}
```

So no options are enabled globally.

To pass an option to an image you need to insert in the `figure`-environment the following:

```
\setkeys{draftfigure}{options}
```

or – a little bit shorter:

```
\setdf{options}
```

The overview starts on the next page.

```

\begin{figure}[H]
\centering
\setkeys{draftfigure}{content={white box}}
\includegraphics[draft]{example-image-a}
\caption{A}\label{A}
\setkeys{draftfigure}{filename=true}
\includegraphics[draft]{example-image-b}
\caption{B}\label{B}
\setkeys{draftfigure}{content={another white box}}
\includegraphics[draft]{example-image-c}
\caption{C}\label{C}
\end{figure}

```

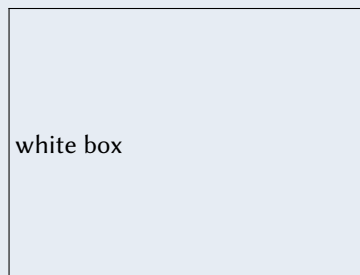


Figure 22: A

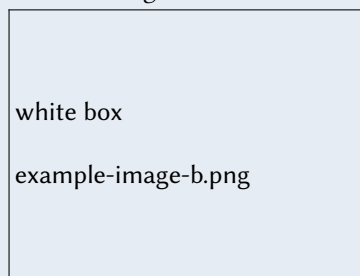


Figure 23: B

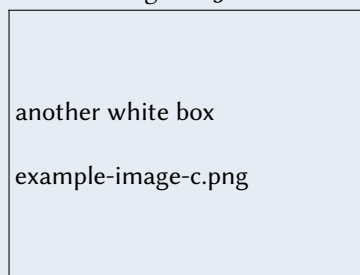


Figure 24: C

You probably noticed that I defined some text within content for fig. 22. This text is also shown for fig. 23 although I didn't define it again – the options you define with `\setkeys{draftfigure}{<options>}` are valid (in an environment) until they are refined as this happens for fig. 24.

The same effect you see with the option `filename` which is enabled for fig. 23 and still valid for fig. 24.

On the next page I show how to deactivate certain options.

```

\begin{figure}[H]
\centering
\setkeys{draftfigure}{content={white box}}
\includegraphics[draft]{example-image-a}
\caption{A}\label{A1}

\setkeys{draftfigure}{filename=true,
style={tt},position={right}}
\includegraphics[draft]{example-image-b}
\caption{B}\label{B1}

\setkeys{draftfigure}{content={hidden image},
style={rm},filename=false,position={center}}
\includegraphics[draft]{example-image-c}
\caption{C}\label{C1}
\end{figure}

```

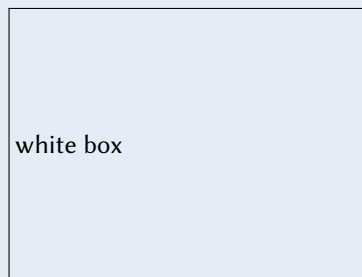


Figure 25: A

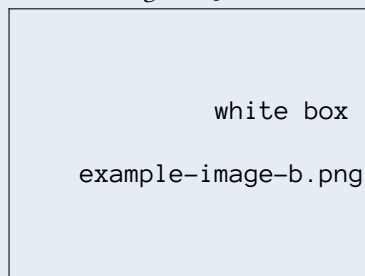


Figure 26: B

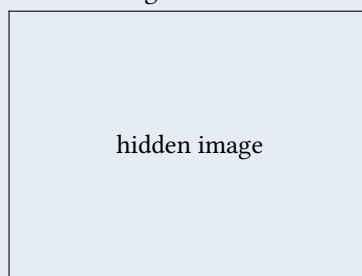


Figure 27: C

5 Things to work on

There are still things which work not satisfactorily:

- noframe for individual image
- combine different styles: sc and sf etc.
- color frame
- image instead of text in background

If anyone has some ideas please let me know: lukas@digitales-tertium.de

6 Changelog

Revisions

1	2017-05-07	Documentation completed	Lukas C. Bossert
0	2017-05-06	Initial release	Lukas C. Bossert