\LaTeX titlepic Manual

Thomas ten Cate\textsuperscript{1}
with contributions from
Denis Bitouzé

March 14, 2017

The picture goes here.

\textsuperscript{1}ttencate@gmail.com
1 Introduction

In \LaTeX, there is by default no way to put a picture on the title page or cover page that is produced by \texttt{\maketitle}. Surprisingly, no package seemed to exist for this either, which is why I put together this very simple package named \texttt{titlepic}.

Note: \texttt{titlepic} only works with the default document classes \texttt{article}, \texttt{report} and \texttt{book}. However, it works both with the \texttt{titlepage} and \texttt{notitlepage} document class options.

2 Installation

There are several ways to install the package:

- Simply drop \texttt{titlepic.sty} in the same directory as your .\texttt{tex} source document. This is the easiest option for casual use.

- Put \texttt{titlepic.sty} somewhere in your \texttt{texmf} tree and rehash. The details depend on your \TeX\ distribution. This gives you a system-wide installation.

- Install it from \TeX\ Live or MiK\TeX.

3 Usage

Include the package as normal, with:

\begin{verbatim}
\usepackage{titlepic}
\end{verbatim}

If you want to be able to include a picture, then you also need

\begin{verbatim}
\usepackage{graphicx}
\end{verbatim}

Then, along with the usual \texttt{\title, \author} and \texttt{\date}, put a command like the following:

\begin{verbatim}
\titlepic{\includegraphics[width=\textwidth]{cover.png}}
\end{verbatim}

The argument to \texttt{\titlepic} will usually be an \texttt{\includegraphics} command, which produces a picture. You can change the size using the optional argument to \texttt{\includegraphics}, for example, \texttt{width=0.7\textwidth}. This will make the picture be 70\% as wide as the text, and scales the height accordingly.

In fact, the argument to \texttt{\titlepic} can actually be pretty much anything. The output produced by this argument will be typeset centred on the title page when you invoke \texttt{\maketitle}.  

1
4 Package options

There are three optional arguments that control the vertical layout of the title page:

- **tt**: Put both the title (and author, and date) and the picture at the top of the page, separated by a fixed amount of space.
- **tc**: Put the title at the top of the page as with tt, but centre the picture vertically on the page.
- **cc**: Separate the title and the picture by a fixed amount of space, and centre both together vertically on the page.

5 Example

Here is a full example of what your document could look like.

% Pass titlepage to the article class
\documentclass[titlepage]{article}

% Centre the picture and the title vertically with cc (only works with titlepage mode)
\usepackage[cc]{titlepic}

% For \includegraphics
\usepackage{graphicx}
\title{Example}
\author{John Doe}
\date{\today}

% Now, put a picture on the title page!
\titlepic{\includegraphics[width=\textwidth]{picture.png}}

\begin{document}
\maketitle
...
\end{document}

6 Contributing

Contributions are welcome! Send a pull request on GitHub here:
https://github.com/ttencate/titlepic