



The Falkor \LaTeX Beamer Style

A more advanced example with instructions

Firstname Lastname

Long institute

Latest versions available on **Github**:

Beamer theme Falkor:

<https://github.com/Falkor/beamerthemeFalkor>

Generic Makefiles:

<https://github.com/Falkor/Makefiles>



Summary

- 1 More complete setup instructions
- 2 Customizations
- 3 Using Markdown



More complete setup instructions

Summary

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- 2 Customizations
- 3 Using Markdown



More complete setup instructions

```
# Assuming you have initiated a git repo to host your LaTeX Beamer slides
cd path/to/project/repo
3 git init # if not yet done
# Add beamertheme Falkor as a git submodule
git submodule add https://github.com/Falkor/beamerthemeFalkor \
6 .submodules/beamerthemeFalkor
git commit -a -s -m "Add beamerthemeFalkor as Git submodule"
# Eventually repeat for the Falkor's makefiles
9 git submodule add -b devel https://github.com/Falkor/Makefiles \
    .submodules/Makefiles
# create a src directory hosting the sources of your slides
12 mkdir -p slides/<year>/<topic>/src # /\ ADAPT path accordingly
cd slides/<year>/<topic>/src
```



More complete setup instructions

- Populate the slides directory

```
# From slides/<year>/<topic>/src directory
# Create a symlink to the git root directory
3 ln -s $(git rev-parse --show-cdup) .root
# symlink beamerthemeFalkor.sty from there
ln -s .root/.submodules/beamerthemeFalkor/beamerthemeFalkor.sty beamerthemeFalkor.sty
6 # Copy (and transferring all the symlinks as regular files with '-L') from the
# 'examples/advanced' directory as template:
rsync -avzu -L --exclude '.root' --exclude 'beamerthemeFalkor.sty' \
9 .root/.submodules/beamerthemeFalkor/example/advanced/ .
mv advanced.tex slides-<topic>.text # /\! ADAPT filename accordingly
make # hopefully this should compile...
```



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Changing the image or the logo

- You can easily set the image illustrating the slides
 - ↪ use the `image=<path>` option of the Falkor Beamer theme
 - ↪ adapt the path accordingly. **Ex:**

```
\usetheme[image=images/logo_github.png]{Falkor}
```

- Set the logo using the `\pgfdeclareimage{logo}` instruction
 - ↪ the logo will appear in the bottom right
 - ↪ you can thus set `height` and `width` the way you want
 - ↪ the name of the declared PGF image **SHOULD BE** `logo`. **Ex:**

```
\pgfdeclareimage[height=0.8cm]{logo}{logo_UL.pdf}
```




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Using Markdown

- **Markdown**: easy-to-read, easy-to-write plain text format
 - ↪ facilitates the generation of Beamer slides
 - ↪ prevent the use of \LaTeX for simple slides
 - ✓ using just `itemize` etc..
 - ↪ conversion from **Markdown** to \LaTeX Beamer is done by **pandoc**

⇒ See [examples/markdown](#) for a full example



Thank you for your attention...

Questions?

Firstname Lastname

mail: firstname.lastname@domain.com

Street / Local address

Postal code, country



1 More complete setup instructions

2 Customizations

3 Using Markdown

Appendix¹

¹notice the slide number below...



Complete Sources (advanced.tex) I

```
3 % \documentclass[draft]{beamer}
   \usepackage{__style}

6 % The key part to use my theme — if you precise nothing, the image that
   % illustrate the slides is assumed to be images/slides_image.jpg
   \usetheme[image=images/logo_github.png]{Falkor}

9 % Not integrated in my theme as not everybody wants that
   \AtBeginSection[]
   {
12     \frame{
       \frametitle {Summary}
       {\scriptsize \tableofcontents [ currentsection ]}
15     }
   }

18 \graphicspath{{images/}} % Add this directory to the searched paths for graphics

21 %%%%%%%%%%%%%%% Header %%%%%%%%%%%%%%%
   \title {The \texttt{Falkor} \LaTeX Beamer Style}
   \subtitle {A more advanced example with instructions}
```



Complete Sources (advanced.tex) II

```
24 \author{Firstname Lastname}
   \institute [Short institute]{
     Long institute
27 }
   % Mandatory to declare a logo to be placed on the bottom right — normally the
   % university/organization logo. ADAPT ACCORDINGLY:
30 \pgfdeclareimage[height=0.8cm]{logo}{images/logo_UL.pdf}

   \date{}
33 %%%%%%%%%%%%%%% Body %%%%%%%%%%%%%%%
   \begin{document}

36 \begin{frame}
   \vspace{2.5em}
39 \titlepage
   \end{frame}

42 % .....
   \frame{
```



Complete Sources (advanced.tex) III

```
45 \begin{center}
    \textbf{Latest versions available on}
    \href{https://github.com/Falkor/}{Github}:
48 \vfill
    \begin{description}
      \item[Beamer theme Falkor:] \hfill
        \myurl{https://github.com/Falkor/beamerthemeFalkor}
51 \item[Generic Makefiles :] \hfill
        \myurl{https://github.com/Falkor/Makefiles}
54 \end{description}
    \end{center}
}

57 % .....
\frame{
  \frametitle{Summary}
60 {\scriptsize
    \tableofcontents
  }
63 }
```



Complete Sources (advanced.tex) IV

```
66 % =====
\section{More complete setup instructions}

69 \frame[containsverbatim]{
  \frametitle{More complete setup instructions}

72   \begin{lstlisting}[language=bash,basicstyle=\ttfamily\footnotesize,columns=fullflexible]
    # Assuming you have initiated a git repo to host your LaTeX Beamer slides
75     cd path/to/project/repo
    git init # if not yet done
    # Add beamertheme Falkor as a git submodule
78     git submodule add https://github.com/Falkor/beamerthemeFalkor \
      .submodules/beamerthemeFalkor
    git commit -a -s -m "Add beamerthemeFalkor as Git submodule"
81     # Eventually repeat for the Falkor's makefiles
    git submodule add -b devel https://github.com/Falkor/Makefiles \
      .submodules/Makefiles
84     # create a src directory hosting the sources of your slides
    mkdir -p slides /<year>/<topic>/src # /!\ ADAPT path accordingly
```




Complete Sources (advanced.tex) V

```
87   cd slides /<year>/<topic>/src
    \end{lstlisting}
}

90 \frame[containsverbatim]{
    \frametitle{More complete setup instructions}

93   \begin{itemize}
        \item Populate the slides directory
    \end{itemize}

96   \begin{lstlisting}[language=bash,basicstyle=\ttfamily\footnotesize]
        # From slides /<year>/<topic>/src directory
        # Create a symlink to the git root directory
99         ln -s $(git rev-parse --show-cdup) .root
        # symlink beamerthemeFalkor.sty from there
        ln -s .root/.submodules/beamerthemeFalkor/beamerthemeFalkor.sty beamerthemeFalkor.sty
102        # Copy (and transferring all the symlinks as regular files with '-L') from the
        # 'examples/advanced' directory as template:
        rsync -avzu -L --exclude '.root' --exclude 'beamerthemeFalkor.sty' \
105        .root/.submodules/beamerthemeFalkor/example/advanced/ .
        mv advanced.tex slides-<topic>.text # !\ ADAPT filename accordingly
```



Complete Sources (advanced.tex) VI

```
108   make # hopefully this should compile ...
      \end{lstlisting}
111 }
114 % =====
      \section{Customizations}
117 \frame[containsverbatim]{
      \frametitle{Changing the image or the logo}
120
      \begin{block}{}
        \begin{itemize}
123          \item You can easily set the image illustrating the slides
          \begin{itemize}
            \item use the \texttt{image=<path>} option of the \texttt{Falkor} Beamer theme
126          \item adapt the path accordingly . \emph{Ex:}
          \end{itemize}
        \end{itemize}
      \end{block}
    \end{frame}
  \end{document}
```



Complete Sources (advanced.tex) VII

```
129 \begin{lstlisting}[language=TeX,basicstyle=\footnotesize,emph={\usetheme}]
    \usetheme[image=images/logo_github.png]{Falkor}
    \end{lstlisting}
132 \end{itemize}
    \end{block}

\begin{block}{}
135 \begin{itemize}
    \item Set the logo using the
    \texttt{\textbackslash pgfdeclareimage\{logo\}} instruction
138 \begin{itemize}
    \item the logo will appear in the bottom right
    \item you can thus set \texttt{height} and \texttt{width} the way you
141 want
    \item the name of the declared PGF image \textbf{\alert{SHOULD BE}}
    \texttt{logo}. \emph{Ex:}
144 \end{itemize}
    \begin{lstlisting}[language=TeX,basicstyle=\footnotesize,emph={\pgfdeclareimage}]
    \pgfdeclareimage[height=0.8cm]{logo}{logo_UL.pdf}
147 \end{lstlisting}
    \end{itemize}
```



Complete Sources (advanced.tex) VIII

```
150 } \end{block}
153 %=====
\section{Using Markdown}
156 % .....
\frame{
  \frametitle{Using Markdown}
159 \begin{itemize}
  \item \href{http://daringfireball.net/projects/markdown/}{Markdown}: easy-to-read, easy-to-write plain text format
  \begin{itemize}
162 \item facilitates the generation of Beamer slides
  \item prevent the use of \LaTeX for simple slides
  \begin{itemize}
165 \item using just \texttt{itemize} etc..
  \end{itemize}
  \item conversion from \href{http://daringfireball.net/projects/markdown/}{Markdown} to \LaTeX Beamer is done by \href{http://pandoc.org/}{pandoc}
168 \end{itemize}
\end{itemize}
```



Complete Sources (advanced.tex) IX

```
171 \begin{alertblock}{}  
    $\Rightarrow$ See \href{https://github.com/Falkor/beamerthemeFalkor/tree/master/examples/markdown}{examples/markdown} for a full example  
174 \end{alertblock}  
  
177 }  
  
180 % ===== END =====  
180 \section*{Thank you for your attention ...}  
183 \frame{  
    \frametitle {Questions?}  
    % ~~~~~  
    \begin{columns}  
        \column{0.5\textwidth}  
        % \emph{Contact} \\  
        {\tiny  
            \emph{Firstname Lastname} \\  
            ~~~~ \textit{mail:} \ \href{mailto:firstname.lastname@domain.com}{firstname.lastname@domain.com} \\  
            ~~~~ Street / Local address \\
```



Complete Sources (advanced.tex) X

~~~~~ Postal code, country

```
192 }
    \column{0.5\textwidth}
195 % \scalebox{8}{\emph{??}}
    \includegraphics [width=1.5in]{question.jpg}
    \end{columns}
198 % Below is the table of content over 2 columns
    \vfill
    \begin{multicols}{2}
201 {\tiny \tableofcontents}
    \end{multicols}

204 }

\newcounter{finalframe}
207 \setcounter{finalframe}{\value{framenumbers}}

% .....
210 \frame{
    \frametitle {}
}
```



# Complete Sources (advanced.tex) XI

```
213 \vfill
    \centering \LARGE Appendix\footnote{notice the slide number below...}
    \vfill
216 }

% -----
219 \section*{Sources of these slides}

\frame[containsverbatim,allowframebreaks]{
222 \frametitle{Complete Sources (\href{https://github.com/Falkor/beamerthemeFalkor/blob/master/examples/advanced/advanced.tex}{advanced.tex})}
    \lstinputlisting [ firstline =18,columns=flexible,language=TeX,basicstyle=\tiny,
225                      emph={\documentclass,\usetheme,\AtBeginSection,\frame,\frametitle,\title,\subtitle,\author,\institute,\pgfdeclareimage,\date,\begin}
                      ]{advanced.tex}

228 }

\setcounter{framenum}{\value{finalframe}}

231 \end{document}
```



## Complete Sources (advanced.tex) XII

```
234 % ~~~~~  
234 % eof  
234 %  
237 % Local Variables :  
237 % mode: latex  
237 % mode: flyspell  
240 % mode: visual-line  
240 % TeX-master: "."  
240 % End:
```