

The beamerthemeUCC L^AT_EX 2_ε package*

Beamer theme and style for UCC presentations

Peter Flynn
IT Services
Electronic Publishing Unit
(pflynn@ucc.ie)

July 23, 2015

Summary

This is a theme (style) for the L^AT_EX Beamer document class for creating PDF presentations for University College Cork using the 2013 UCC branding.

It provides two style files, one for the formatting and one for the colour scheme.

Use of this style is mandatory for all public presentations made under the UCC name. You must not modify the layout in any way. An equivalent template for users of Microsoft *Powerpoint* is available from IT Services.

*This document corresponds to beamerthemeUCC v. 0.5 β , dated 2014/08/11.

Contents

1	Installation	4
1.1	Your personal $\text{T}_{\text{E}}\text{X}$ folder	4
1.1.1	Unix, GNU/Linux, and Apple Macintosh OSX	4
1.1.2	<i>MiK$\text{T}_{\text{E}}\text{X}$</i> on Windows	4
1.2	Installation on a shared (multiuser) computer	5
1.3	Manual installation	6
1.4	Testing the installation	6
2	Using the package	7
3	Auto-initialisation	8
4	Implementation	9
5	Changes to the package setup defaults	11
6	Auto-initialisation	12
7	Titling	13
8	Auto-initialisation	15
9	Layout changes	16
A	The UCC colour theme	19
B	The \LaTeX Project Public License	21
B.1	Preamble	21
B.2	Definitions	21
B.3	Conditions on Distribution and Modification	22
B.4	No Warranty	25
B.5	Maintenance of The Work	26
B.6	Whether and How to Distribute Works under This License	27
B.6.1	Choosing This License or Another License	28
B.6.2	A Recommendation on Modification Without Distribution	28
B.6.3	How to Use This License	28
B.6.4	Derived Works That Are Not Replacements	29
B.6.5	Important Recommendations	30
	Change History	31
	Index	32

Note on required and optional features

In this document, the keywords must, must not, required, shall, shall not, should, should not, recommended, may, and optional have a very specific meaning when shown in this typestyle, and are to be interpreted as described in RFC 2119 [?].

When shown in normal type, these words keep their conventional contextual degree of meaning.

1 Installation

Beamer is a package for the \LaTeX document preparation system which lets you create PDF slides for presentations.

This `beamerthemeUCC` package is a template for Beamer to create UCC-branded slides for official presentations. Details of the overall UCC branding are available at <http://www.ucc.ie/en/connect/>.

The UCC branding layout is mandatory for all external presentations. You **MUST NOT** attempt to change it in any way.

Download the TDS zip file from <http://research.ucc.ie/latex/> and unzip it into your personal \TeX folder (`~/texmf`).

1.1 Your personal \TeX folder

If you don't have a personal \TeX folder yet, create one now. The place for your personal \TeX folder is different on Apple Mac, Linux, and Windows systems:

Operating System	Location of your personal \TeX folder
Apple Macintosh OSX	<code>~/Library/texmf</code>
Unix and GNU/Linux	<code>~/texmf</code>
Microsoft Windows	
• 95/98/XP/2003	<code>C:\texmf</code>
• 2007/2010 and up	<code>Computer\System\Users\<i>your name</i>\texmf</code>

If this folder does not already exist on your computer, create it now.

1.1.1 Unix, GNU/Linux, and Apple Macintosh OSX

You do not need to run `texhash` or `mktexlsr` after installing software into your personal \TeX folder (indeed, you **SHOULD NOT** do so).

1.1.2 *MiKTeX* on Windows

For users of *MiKTeX* on Windows, there is an additional task after you create your personal \TeX folder:

1. Run the *MiKTeX Settings* program by clicking on the **Start** → Programs or → **Windows** → Programs button, and then click on → *MiKTeX x.y* → Maintenance → *Settings*;

2. Click on the **Roots** tab;
3. Click the **Add** button;
4. Navigate to your new texmf folder;
5. Click **OK**.

On subsequent occasions (when you install software or updates manually) you **MUST** update the FileName DataBase (FNDB):

Updating the FileName DataBase

1. Run the *MiKTeX Settings* program as before;
2. In the **Main** tab, click the **Refresh FNDB** button.

You **MUST** do this after installing or updating software in your personal T_EX folder, otherwise MiKTeX won't find anything.

1.2 Installation on a shared (multiuser) computer

If you need to install the files on a shared (multiuser) system, you need to be root (Administrator). If you are not, ask your local systems administrator to do it for you.

1. Identify where the local shared T_EX directory is. This is conventionally something like `/usr/local/share/texmf/` or `/usr/local/texlive/2012/./texmf-local` but you can find out by typing the command:
`\kpsewhich -expand-var '$TEXMFLOCAL';`
2. Unzip the downloaded file[s] into this folder;
3. Run the T_EX index program *texhash* (some systems call this *mktexlsr*) to update the fast-find (`ls -R`) database. Until you do this, your L^AT_EX users will not be able to find the files.

These instructions are for Unix-based systems, including GNU/Linux and Apple Macintosh OSX. If someone would like to provide me the equivalents for shared Windows systems I would be pleased to include them.

1.3 Manual installation

This is only for older or non-TDS-conformant systems. Do not use this method on modern systems.

1. Download and unzip the non-TDS zip file[s] into a temporary directory (eg /tmp), *without* preserving all the paths: use the **-j** option to *unzip* to do this
2. Run *pdflatex* on the .ins file. This will re-extract the relevant files (so the program will ask you if you want to overwrite them: answer yes by typing y and pressing the Return or Enter key)
3. Move or copy the extracted files into a location where your installation of T_EX will find them. This varies from distribution to distribution: it is sometimes known as ‘the TEXINPUTS directory’, but it is *your responsibility* to know where this is.
4. Repeat the procedure for any other .zip files.
5. Run the T_EX index program *texhash* (some systems call this *mktexlsr*) to update the fast-find (ls -R) database. Until you do this, your L^AT_EX users will not be able to find the files.

1.4 Testing the installation

An example file is provided to test the document class or package.

2 Using the package

...

3 Auto-initialisation

This section is added automatically by *ClassPack* as a preamble to all classes and packages. See the documentation to the `fixltx2e` package for details of why these are being loaded *before* anything else.

`fixltx2e` Additional L^AT_EX features omitted from the kernel for backward compatibility.

```
1 \RequirePackage{fixltx2e}
```

`fix-cm` Preloaded functions to override the default L^AT_EX step-size font sizes (which can still be used, but are no longer restrictions).

```
2 \RequirePackage{fix-cm}
```

`svgnames` Pass the **svgnames** option to the `xcolor` package if that gets loaded later. This avoids a conflict with whatever other packages (eg `hyperref`) use as their own default is when they load `xcolor`.

```
3 \PassOptionsToPackage{svgnames}{xcolor}
```

4 Implementation

inputenc UTF-8 is the default character set, to allow for use of any character in any writing system. Some characters are not specified for all fonts, so may have to be specified manually.

```
4 \RequirePackage[utf8x]{inputenc}[2008/03/30]
5 \PrerenderUnicode{-}
6 \PrerenderUnicode{š}
7 \PrerenderUnicode{ć}
8 \PrerenderUnicode{Å}
9 \PrerenderUnicode{i}
10 \PrerenderUnicode{É}
```

fontenc Extended font encoding to handle UTF-8.

```
11 \RequirePackage[T1]{fontenc}
```

calc Required for the calculation of extra widths for margin adjustment.

```
12 \RequirePackage{calc}
```

babel Add H&J support and cultural changes for many languages.

```
13 \RequirePackage[british]{babel}
```

dejavu Sets the DejaVu typeface as the default.

```
14 \RequirePackage{dejavu}
```

listings Provides syntactic fontification or formatting ('pretty-printing') of verbatim text according to the computer language used.

```
15 \RequirePackage{listings}
```

parskip Creates paragraphs separated by white-space with no indentation.

```
16 \RequirePackage{parskip}
```

uccbranding Provides the designers' standard colours for use in UCC documents

```
17 \RequirePackage[beamer]{uccbranding}
```

5 Changes to the package setup defaults

`\lstloadlanguages` Preload the specs for LaTeX, C, R, XML, XSL, and bash (add more if needed).

```
18 \lstloadlanguages{[LaTeX]TeX,R,bash,C,XML}
```

`\lstset` Specify defaults for listings: small black typewriter font with special blue and grey for identifiers and comments. Use dark green for keywords (or change it) and Dark Red for strings.

```
19 \lstset{basicstyle=\small\color{beamer@CrestBlack}\ttfamily,
20   literate=
21     {Ö}{{\ "0}}1
22     {Ä}{{\ "A}}1
23     {Ü}{{\ "U}}1
24     {ß}{{\ss}}2
25     {ü}{{\ "u}}1
26     {á}{{\ 'a}}1
27     {é}{{\ 'e}}1
28     {í}{{\ 'i}}1
29     {ó}{{\ 'o}}1
30     {ú}{{\ 'u}}1
31     {ä}{{\ "a}}1
32     {ö}{{\ "o}}1,
33   keywordstyle=\color{beamer@CrestRed}\bfseries,
34   identifierstyle=\color{beamer@CrestBlue}\upshape,
35   commentstyle=\color{beamer@CrestYellow}\upshape,
36   stringstyle=\color{beamer@OghamStone}\upshape,
37   emphstyle=\color{beamer@EarthRed}\itshape,
38   showstringspaces=false,
39   columns=fullflexible,
40   keepspaces=true}
```

`(presentation)` Switch to presentation mode.

```
41 \mode<presentation>
```

`\usecolortheme` Invoke the companion color theme (UCC).

```
42 \usecolortheme{UCC}
```

(all) Switch back to general mode.

```
43 \mode<all>
```

6 Auto-initialisation

This section is added automatically by *ClassPack* as a preamble to all classes and packages. See the documentation to the `fixltx2e` package for details of why these are being loaded *before* anything else.

`fixltx2e` Additional L^AT_EX features omitted from the kernel for backward compatibility.

```
44 \RequirePackage{fixltx2e}
```

`fix-cm` Preloaded functions to override the default L^AT_EX step-size font sizes (which can still be used, but are no longer restrictions).

```
45 \RequirePackage{fix-cm}
```

`svgnames` Pass the **svgnames** option to the `xcolor` package if that gets loaded later. This avoids a conflict with whatever other packages (eg `hyperref`) use as their own default is when they load `xcolor`.

```
46 \PassOptionsToPackage{svgnames}{xcolor}
```

7 Titling

This section covers changes to the title page.

`title page` The title page layout was designed by Lloyd Northover.

```
47 \let\department\institute
48 \logo{\includegraphics[width=.08333\beamer@paperwidth]
49         {ucclogo-colour-crop}}
50 \newlength{\UCC@logoheight}
51 \setlength{\UCC@logoheight}{\heightof{%
52     \includegraphics[width=.08333\beamer@paperwidth]
53         {ucclogo-colour-crop}}}
54 \newlength{\UCC@deptlogoheight}
55 \def\UCC@deptlogo{\relax}
56 \newcommand{\deptlogo}[1]{%
57     \gdef\UCC@deptlogo{#1}%
58     \global\setlength{\UCC@deptlogoheight}{\heightof{%
59         \includegraphics[width=.08333\beamer@paperwidth]{#1}}}
60 }
61 \newlength{\UCC@maxwid}
62 \setlength{\UCC@maxwid}{.6\beamer@paperwidth}
63 \newlength{\UCC@titleblockheight}
64 \setlength{\UCC@titleblockheight}{\beamer@paperheight}
65 \newlength{\UCC@maxheight}
66 \settoheight{\UCC@maxheight}{%
67     \includegraphics[width=.189\beamer@paperwidth]{flowers-
68         clipped}}
69 \addtolength{\UCC@titleblockheight}{-\UCC@maxheight}
70 \addtolength{\UCC@titleblockheight}{-1cm}
71 \setbeamertemplate{title page}{default}[1][]
72 {\parskip0pt\tabcolsep.005\beamer@paperwidth\begin{tabular}{cccc}
73     \includegraphics[width=.163\beamer@paperwidth]{trees}&
74     \includegraphics[width=.212\beamer@paperwidth]{clocktower}&
75     \includegraphics[width=.189\beamer@paperwidth]{flowers-
76         clipped}&
77     \quad\raisebox{.1333\beamer@paperheight}{%
78         \begin{tabular}{l}
79             \includegraphics[width=.049\beamer@paperwidth]{redcell}\enspa
80             \includegraphics[width=.10\beamer@paperwidth]{scientist}\enspa
81             \includegraphics[width=.049\beamer@paperwidth]{yellowcell}\
82             \includegraphics[width=.11\beamer@paperwidth]{students}\enspa
83         \end{tabular}}
84     \end{tabular}}
```

```

82     \includegraphics[width=.049\beamer@paperwidth]{bluecell}}\
83     \includegraphics[width=.27\beamer@paperwidth]{logoscript}
84     \end{tabular}%
85 }
86 \end{tabular}%
87 \par\vss\vbox to\UCC@titleblockheight{\hsize=\UCC@maxwid\null\vfi
88     \begin{beamercolorbox}[left,wd={\UCC@maxwid}]{title}%
89     \usebeamerfont{title}\inserttitle\par%
90     \ifx\insertsubtitle\@empty%
91     \else%
92     \par\vskip.5\baselineskip
93     {\usebeamerfont{subtitle}\usebeamercolor[fg]{sub}%
94     \insertsubtitle\par}%
95     \fi%
96 \end{beamercolorbox}%
97 \vfill
98 \begin{beamercolorbox}[left,wd={\UCC@maxwid}]{author}%
99     \usebeamerfont{author}%
100     \ifx\insertauthor\@empty
101     \else\vrule height1.2em width0pt\insertauthor\smallskip\fi
102 \end{beamercolorbox}%
103 \ifx\insertinstitute\@empty
104     \begin{beamercolorbox}[left,wd={\UCC@maxwid}]{date}%
105     \usebeamerfont{date}\insertdate\par
106     \end{beamercolorbox}%
107 \else
108     \begin{beamercolorbox}[left,wd={\UCC@maxwid}]{institute}%
109     \usebeamerfont{institute}%
110     \ifx\insertinstitute\@empty\else\insertinstitute\\\fi\insert
111     \end{beamercolorbox}%
112     \fi}% end of calculated \vbox
113 \par\vfill\vspace*{1.5em}%
114 }
115 \renewcommand{\maketitle}{%
116 \frame[t]{\titlepage}%
117 \frame{\frametitle{Contents}\tableofcontents}%
118 }

```

8 Auto-initialisation

This section is added automatically by *ClassPack* as a preamble to all classes and packages. See the documentation to the `fixltx2e` package for details of why these are being loaded *before* anything else.

`fixltx2e` Additional L^AT_EX features omitted from the kernel for backward compatibility.

```
119 \RequirePackage{fixltx2e}
```

`fix-cm` Preloaded functions to override the default L^AT_EX step-size font sizes (which can still be used, but are no longer restrictions).

```
120 \RequirePackage{fix-cm}
```

`svgnames` Pass the **svgnames** option to the `xcolor` package if that gets loaded later. This avoids a conflict with whatever other packages (eg `hyperref`) use as their own default is when they load `xcolor`.

```
121 \PassOptionsToPackage{svgnames}{xcolor}
```

9 Layout changes

`\hypersetup` Make URLs blue.

```
122 \hypersetup{colorlinks,urlcolor=beamer@CrestBlue,linkcolor=beamer@C
```

frametitle

```
123 \setbeamertemplate{frametitle}{%
124   \ifbeamercolorempy[bg]{frametitle}{}{\nointerlineskip}%
125   \@tempdima=\textwidth%
126 %   \advance\@tempdima by\beamer@leftmargin%
127   \advance\@tempdima by\beamer@rightmargin%
128   \advance\@tempdima by6mm
129   \null\vskip1.5mm
130   \begin{beamercolorbox}[left,
131                       wd=\the\@tempdima]{frametitle}
132     \usebeamerfont{frametitle}%
133     \vbox{} \vskip0mm% was \vskip.5ex%
134     \if@tempswa\else\csname beamer@fte#1\endcsname\fi%
135     \vbox to.08333\beamer@paperwidth{\null\vfill
136     \leavevmode\hskip.5\beamer@leftmargin\insertframetitle\par%
137     {%
138       \ifx\insertframesubtitle\@empty%
139       \else%
140       {\usebeamerfont{framesubtitle}%
141        \usebeamercolor[fg]{framesubtitle}%
142        \insertframesubtitle\strut\par}%
143       \fi
144     }%
145     \vfill}%
146 %   \vskip-2.5ex%
147 %   \if@tempswa\else\vskip-.3cm\fi
148 \end{beamercolorbox}%
149 }
```

`\header` Make a header for in-slide headings

```
150 \newcommand{\header}[1]{\textbf{\large #1}\par\smallskip}
```

sidebar left Use the Beamer left sidebar to push in the slide number, author, date, and title at the bottom of all slides except the

Title Page. Adjust the height (skip at the bottom increased to 2em).

```

151 \setbeamertemplate{sidebar left}{%
152   \ifnum\c@page=1\relax\else
153     \vfill
154     \color{beamer@TintOfCrestBlack}%
155     \leavevmode\hbox to5em{\hfil\thepage}\kern2em
156     \begin{beamercolorbox}[left,wd={\UCC@maxwid}]{sidebar left}
157       \color{beamer@TintOfCrestBlack}\raggedright
158       UCC\space
159       \ifx\insertinstitute\@empty\else\insertinstitute\fi
160       \quad\insertauthor
161       \quad\insertdate
162       \quad\inserttitle
163     \end{beamercolorbox}
164     \vskip2em
165   \fi}

```

sidebar right Adjust the height of the nav symbols the same way (skip at bottom 2em).

```

166 \newlength{\UCC@sidebarblock}
167 \setbeamerfont{sidebar width right=.1\beamer@paperwidth}
168 \setbeamerfont{sidebar right}{\null\vfill}
169 \ifnum\c@page>1
170   \setlength{\UCC@sidebarblock}{\beamer@paperheight}%
171   \addtolength{\UCC@sidebarblock}{-.08333\beamer@paperwidth}%
172   \addtolength{\UCC@sidebarblock}{-\UCC@deptlogoheight}%
173   \addtolength{\UCC@sidebarblock}{-\UCC@logoheight}%
174   \addtolength{\UCC@sidebarblock}{-9mm}%
175   \includegraphics[width=.0833\beamer@paperwidth]{redcell}\hskip2em
176   \vskip1.5mm
177   {\color{beamer@TintOfCrestBlack}
178     \rule{.0833\beamer@paperwidth}{\UCC@sidebarblock}}\hskip2em
179   \vskip1.5mm
180   \if\UCC@deptlogo\relax
181   \else
182     \includegraphics[height=\UCC@deptlogoheight]
183       {\UCC@deptlogo}
184   \fi
185   \vskip1.5mm
186   \insertlogo\hskip2mm

```

```
187     \llap{\usebeamertemplate***{navigation symbols}}%
188         \hskip.1\beamer@paperwidth}%
189 %% \else
190 %%     \usebeamertemplate***{navigation symbols}}%
191 \fi
192 \vskip2em%
193 }
```

A The UCC colour theme

```
194 \NeedsTeXFormat{LaTeX2e}[2009/09/24]
195 \ProvidesPackage{beamercolorthemeUCC}[2014/08/11 v0.5
196 The UCC colour theme]
```

(all) Switch to general mode.

```
197 \mode<all>
```

uccbranding Use the colours defined in the branding

```
198 \RequirePackage[beamer]{uccbranding}
```

(presentation) Switch to presentation mode.

```
199 \mode<presentation>
```

\setbeamercolor Ensure the normal text is black on white, then set the colours and fonts for the Title Page.

```
200 \setbeamercolor{normal text}{fg=beamer@CrestBlack,bg=beamer@CrestWh
201 \newcommand{\UCC@titlesize}{\@setfontsize\UCC@titlesize{14}{16}}
202 \newcommand{\UCC@subtitlesize}{\@setfontsize\UCC@subtitlesize{12}{14}}
203 \newcommand{\UCC@authorsize}{\@setfontsize\UCC@authorsize{10}{12}}
204 \setbeamerfont{title}{series=\bfseries,size=\UCC@titlesize}
205 \setbeamerfont{subtitle}{series=\bfseries,shape=\itshape,size=\UCC@
206 \setbeamerfont{author}{size=\UCC@authorsize,series=\bfseries}
207 \setbeamerfont{institute}{size=\UCC@authorsize}
208 \setbeamerfont{date}{size=\UCC@authorsize,series=\bfseries}
209 \setbeamercolor{title}{fg=beamer@CrestBlue}
210 \setbeamercolor{subtitle}{fg=beamer@CrestBlue}
211 \setbeamercolor{author}{fg=beamer@DawnMauve}
212 \setbeamercolor{institution}{fg=beamer@Limestone}
213 \setbeamercolor{date}{fg=beamer@QuadGreen}
```

\setbeamercolor Set the colours and fonts for the Frame Title.

```
214 \setbeamercolor{frametitle}{bg=beamer@TintOfCrestBlack,fg=beamer@CrestBlack}
215 \setbeamerfont{frametitle}{size=\UCC@titlesize,series=\bfseries}
```

Set the style and colour for Itemized List bullets (this is tricky, so watch carefully).

`\setbeamercolor` 1. Set default colour for all bullets to black

```
216 \setbeamercolor{item}{fg=beamer@CrestBlack}
217 \setbeamercolor{subitem}{fg=beamer@CrestBlack}
```

`itemize items` 2. Make the bullet a round one

```
218 \setbeamertemplate{itemize items}[circle]
219 \setbeamertemplate{itemize subitems}[circle]
```

(all) Switch back to general mode.

```
220 \mode<all>
```

B The L^AT_EX Project Public License

Everyone is allowed to distribute verbatim copies of this license document, but modification of it is not allowed.

B.1 Preamble

The L^AT_EX Project Public License (LPPL) is the primary license under which the L^AT_EX kernel and the base L^AT_EX packages are distributed.

You may use this license for any work of which you hold the copyright and which you wish to distribute. This license may be particularly suitable if your work is T_EX-related (such as a L^AT_EX package), but it is written in such a way that you can use it even if your work is unrelated to T_EX.

The section *Whether and How to Distribute Works under This License*, below, gives instructions, examples, and recommendations for authors who are considering distributing their works under this license.

This license gives conditions under which a work may be distributed and modified, as well as conditions under which modified versions of that work may be distributed.

We, the L^AT_EX3 Project, believe that the conditions below give you the freedom to make and distribute modified versions of your work that conform with whatever technical specifications you wish while maintaining the availability, integrity, and reliability of that work. If you do not see how to achieve your goal while meeting these conditions, then read the document `cfgguide.tex` and `modguide.tex` in the base L^AT_EX distribution for suggestions.

B.2 Definitions

In this license document the following terms are used:

Work: Any work being distributed under this License.

Derived Work: Any work that under any applicable law is derived from the Work.

Modification : Any procedure that produces a Derived Work under any applicable law — for example, the production of a file containing an original file associated with the Work or a significant portion of such a file, either verbatim or with modifications and/or translated into another language.

Modify : To apply any procedure that produces a Derived Work under any applicable law.

Distribution : Making copies of the Work available from one person to another, in whole or in part. Distribution includes (but is not limited to) making any electronic components of the Work accessible by file transfer protocols such as FTP or HTTP or by shared file systems such as Sun’s Network File System (NFS).

Compiled Work : A version of the Work that has been processed into a form where it is directly usable on a computer system. This processing may include using installation facilities provided by the Work, transformations of the Work, copying of components of the Work, or other activities. Note that modification of any installation facilities provided by the Work constitutes modification of the Work.

Current Maintainer : A person or persons nominated as such within the Work. If there is no such explicit nomination then it is the ‘Copyright Holder’ under any applicable law.

Base Interpreter : A program or process that is normally needed for running or interpreting a part or the whole of the Work.

A Base Interpreter may depend on external components but these are not considered part of the Base Interpreter provided that each external component clearly identifies itself whenever it is used interactively. Unless explicitly specified when applying the license to the Work, the only applicable Base Interpreter is a ‘ \LaTeX -Format’ or in the case of files belonging to the ‘ \LaTeX -format’ a program implementing the ‘ \TeX language’.

B.3 Conditions on Distribution and Modification

1. Activities other than distribution and/or modification of the Work are not covered by this license; they are outside its scope.

In particular, the act of running the Work is not restricted and no requirements are made concerning any offers of support for the Work.

2. You may distribute a complete, unmodified copy of the Work as you received it. Distribution of only part of the Work is considered modification of the Work, and no right to distribute such a Derived Work may be assumed under the terms of this clause.
3. You may distribute a Compiled Work that has been generated from a complete, unmodified copy of the Work as distributed under Clause item 2 above, as long as that Compiled Work is distributed in such a way that the recipients may install the Compiled Work on their system exactly as it would have been installed if they generated a Compiled Work directly from the Work.
4. If you are the Current Maintainer of the Work, you may, without restriction, modify the Work, thus creating a Derived Work. You may also distribute the Derived Work without restriction, including Compiled Works generated from the Derived Work. Derived Works distributed in this manner by the Current Maintainer are considered to be updated versions of the Work.
5. If you are not the Current Maintainer of the Work, you may modify your copy of the Work, thus creating a Derived Work based on the Work, and compile this Derived Work, thus creating a Compiled Work based on the Derived Work.
6. If you are not the Current Maintainer of the Work, you may distribute a Derived Work provided the following conditions are met for every component of the Work unless that component clearly states in the copyright notice that it is exempt from that condition. Only the Current Maintainer is allowed to add such statements of exemption to a component of the Work.
 - (a) If a component of this Derived Work can be a direct replacement for a component of the Work when that component is used with the Base Interpreter, then, wherever this component of the Work identifies itself to the user when used interactively with that Base Interpreter, the replacement component of this Derived Work clearly and

unambiguously identifies itself as a modified version of this component to the user when used interactively with that Base Interpreter.

- (b) Every component of the Derived Work contains prominent notices detailing the nature of the changes to that component, or a prominent reference to another file that is distributed as part of the Derived Work and that contains a complete and accurate log of the changes.
 - (c) No information in the Derived Work implies that any persons, including (but not limited to) the authors of the original version of the Work, provide any support, including (but not limited to) the reporting and handling of errors, to recipients of the Derived Work unless those persons have stated explicitly that they do provide such support for the Derived Work.
 - (d) You distribute at least one of the following with the Derived Work:
 - i. A complete, unmodified copy of the Work; if your distribution of a modified component is made by offering access to copy the modified component from a designated place, then offering equivalent access to copy the Work from the same or some similar place meets this condition, even though third parties are not compelled to copy the Work along with the modified component;
 - ii. Information that is sufficient to obtain a complete, unmodified copy of the Work.
7. If you are not the Current Maintainer of the Work, you may distribute a Compiled Work generated from a Derived Work, as long as the Derived Work is distributed to all recipients of the Compiled Work, and as long as the conditions of Clause item 6 above, above, are met with regard to the Derived Work.
8. The conditions above are not intended to prohibit, and hence do not apply to, the modification, by any method, of any component so that it becomes identical to an updated version of that component of the Work as it is distributed by the Current Maintainer under Clause item 4 above, above.

9. Distribution of the Work or any Derived Work in an alternative format, where the Work or that Derived Work (in whole or in part) is then produced by applying some process to that format, does not relax or nullify any sections of this license as they pertain to the results of applying that process.
10. (a) A Derived Work may be distributed under a different license provided that license itself honors the conditions listed in Clause item 6 above above, in regard to the Work, though it does not have to honor the rest of the conditions in this license.

(b) If a Derived Work is distributed under a different license, that Derived Work must provide sufficient documentation as part of itself to allow each recipient of that Derived Work to honor the restrictions in Clause item 6 above above, concerning changes from the Work.
11. This license places no restrictions on works that are unrelated to the Work, nor does this license place any restrictions on aggregating such works with the Work by any means.
12. Nothing in this license is intended to, or may be used to, prevent complete compliance by all parties with all applicable laws.

B.4 No Warranty

There is no warranty for the Work. Except when otherwise stated in writing, the Copyright Holder provides the Work 'as is', without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the Work is with you. Should the Work prove defective, you assume the cost of all necessary servicing, repair, or correction.

In no event unless required by applicable law or agreed to in writing will The Copyright Holder, or any author named in the components of the Work, or any other party who may distribute and/or modify the Work as permitted above, be liable to you for damages, including any general, special, incidental or consequential damages arising out of any use of the Work or out of inability to use the Work (including, but not limited to, loss of data, data being rendered inaccurate, or losses

sustained by anyone as a result of any failure of the Work to operate with any other programs), even if the Copyright Holder or said author or said other party has been advised of the possibility of such damages.

B.5 Maintenance of The Work

The Work has the status 'author-maintained' if the Copyright Holder explicitly and prominently states near the primary copyright notice in the Work that the Work can only be maintained by the Copyright Holder or simply that it is 'author-maintained'.

The Work has the status 'maintained' if there is a Current Maintainer who has indicated in the Work that they are willing to receive error reports for the Work (for example, by supplying a valid e-mail address). It is not required for the Current Maintainer to acknowledge or act upon these error reports.

The Work changes from status 'maintained' to 'unmaintained' if there is no Current Maintainer, or the person stated to be Current Maintainer of the work cannot be reached through the indicated means of communication for a period of six months, and there are no other significant signs of active maintenance.

You can become the Current Maintainer of the Work by agreement with any existing Current Maintainer to take over this role.

If the Work is unmaintained, you can become the Current Maintainer of the Work through the following steps:

1. Make a reasonable attempt to trace the Current Maintainer (and the Copyright Holder, if the two differ) through the means of an Internet or similar search.
2. If this search is successful, then enquire whether the Work is still maintained.
 - (a) If it is being maintained, then ask the Current Maintainer to update their communication data within one month.
 - (b) If the search is unsuccessful or no action to resume active maintenance is taken by the Current Maintainer, then announce within the pertinent community your intention to

take over maintenance. (If the Work is a \LaTeX work, this could be done, for example, by posting to `news:comp.text.tex`.)

3. (a) If the Current Maintainer is reachable and agrees to pass maintenance of the Work to you, then this takes effect immediately upon announcement.
(b) If the Current Maintainer is not reachable and the Copyright Holder agrees that maintenance of the Work be passed to you, then this takes effect immediately upon announcement.
4. If you make an ‘intention announcement’ as described in item 2b above and after three months your intention is challenged neither by the Current Maintainer nor by the Copyright Holder nor by other people, then you may arrange for the Work to be changed so as to name you as the (new) Current Maintainer.
5. If the previously unreachable Current Maintainer becomes reachable once more within three months of a change completed under the terms of item 3b above or item 4 above, then that Current Maintainer must become or remain the Current Maintainer upon request provided they then update their communication data within one month.

A change in the Current Maintainer does not, of itself, alter the fact that the Work is distributed under the LPPL license.

If you become the Current Maintainer of the Work, you should immediately provide, within the Work, a prominent and unambiguous statement of your status as Current Maintainer. You should also announce your new status to the same pertinent community as in item 2b above.

B.6 Whether and How to Distribute Works under This License

This section contains important instructions, examples, and recommendations for authors who are considering distributing their works under this license. These authors are addressed as ‘you’ in this section.

B.6.1 Choosing This License or Another License

If for any part of your work you want or need to use *distribution* conditions that differ significantly from those in this license, then do not refer to this license anywhere in your work but, instead, distribute your work under a different license. You may use the text of this license as a model for your own license, but your license should not refer to the LPPL or otherwise give the impression that your work is distributed under the LPPL.

The document `modguide.tex` in the base \LaTeX distribution explains the motivation behind the conditions of this license. It explains, for example, why distributing \LaTeX under the GNU General Public License (GPL) was considered inappropriate. Even if your work is unrelated to \LaTeX , the discussion in `modguide.tex` may still be relevant, and authors intending to distribute their works under any license are encouraged to read it.

B.6.2 A Recommendation on Modification Without Distribution

It is wise never to modify a component of the Work, even for your own personal use, without also meeting the above conditions for distributing the modified component. While you might intend that such modifications will never be distributed, often this will happen by accident — you may forget that you have modified that component; or it may not occur to you when allowing others to access the modified version that you are thus distributing it and violating the conditions of this license in ways that could have legal implications and, worse, cause problems for the community. It is therefore usually in your best interest to keep your copy of the Work identical with the public one. Many works provide ways to control the behavior of that work without altering any of its licensed components.

B.6.3 How to Use This License

To use this license, place in each of the components of your work both an explicit copyright notice including your name and the year the work was authored and/or last substantially modified. Include

also a statement that the distribution and/or modification of that component is constrained by the conditions in this license.

Here is an example of such a notice and statement:

```
%% pig.dtx
%% Copyright 2005 M. Y. Name
%%
%% This work may be distributed and/or modified under the
%% conditions of the LaTeX Project Public License, either version 1.3
%% of this license or (at your option) any later version.
%% The latest version of this license is in
%% http://www.latex-project.org/lppl.txt
%% and version 1.3 or later is part of all distributions of LaTeX
%% version 2005/12/01 or later.
%%
%% This work has the LPPL maintenance status 'maintained'.
%%
%% The Current Maintainer of this work is M. Y. Name.
%%
%% This work consists of the files pig.dtx and pig.ins
%% and the derived file pig.sty.
```

Given such a notice and statement in a file, the conditions given in this license document would apply, with the 'Work' referring to the three files `pig.dtx`, `pig.ins`, and `pig.sty` (the last being generated from `pig.dtx` using `pig.ins`), the 'Base Interpreter' referring to any 'L^AT_EX-Format', and both 'Copyright Holder' and 'Current Maintainer' referring to the person M. Y. Name.

If you do not want the Maintenance section of LPPL to apply to your Work, change 'maintained' above into 'author-maintained'. However, we recommend that you use 'maintained' as the Maintenance section was added in order to ensure that your Work remains useful to the community even when you can no longer maintain and support it yourself.

B.6.4 Derived Works That Are Not Replacements

Several clauses of the LPPL specify means to provide reliability and stability for the user community. They therefore concern themselves with the case that a Derived Work is intended to be used as a

(compatible or incompatible) replacement of the original Work. If this is not the case (e.g., if a few lines of code are reused for a completely different task), then clauses 6b and 6d shall not apply.

B.6.5 Important Recommendations

Defining What Constitutes the Work The LPPL requires that distributions of the Work contain all the files of the Work. It is therefore important that you provide a way for the licensee to determine which files constitute the Work. This could, for example, be achieved by explicitly listing all the files of the Work near the copyright notice of each file or by using a line such as:

```
%% This work consists of all files listed in manifest.txt.
```

in that place. In the absence of an unequivocal list it might be impossible for the licensee to determine what is considered by you to comprise the Work and, in such a case, the licensee would be entitled to make reasonable conjectures as to which files comprise the Work.

Change History

v0.1	General: First draft: Some macros require further definition.	1	now go in the personal TeX directory, in texmf/tex/generic..	1	
v0.2	General: Revision with official images: Also rewrote documentation.	1	v0.4	General: Maintenance release: Updated to latest classpack.	1
v0.3	General: Changed location of stored images: They		v0.5	General: Titling adjustment: Made space above title a vfill instead of 3mm.	1

Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

Symbols	
<code>\@setfontsize</code>	201-203
<code>\@tempdima</code>	125-128, 131
A	
<code>\addtolength</code> ..	68, 69, 171-174
<code>all (mode)</code>	<u>43</u> , <u>197</u> , <u>220</u>
B	
<code>babel (package)</code>	13
<code>\beamer@leftmargin</code> ..	126, 136
<code>\beamer@paperheight</code>	64, 75, 170
<code>\beamer@paperwidth</code>	48, 52, 59, 62, 67, 71-74, 77-80, 82, 83, 135, 167, 171, 175, 178, 188
<code>\beamer@rightmargin</code>	127
<code>\bfseries</code>	33, 204-206, 208, 215
C	
<code>\c@page</code>	152, 169
<code>calc (package)</code>	<u>12</u>
<code>\color</code>	19, 33-37, 154, 157, 177
D	
<code>dejavu (package)</code>	<u>14</u>
<code>\department</code>	47
<code>\deptlogo</code>	56
E	
<code>\enspace</code>	77, 78, 80
F	
<code>fix-cm (package)</code>	<u>2</u> , <u>45</u> , <u>120</u>
<code>fixltx2e (package)</code> ..	<u>1</u> , <u>44</u> , <u>119</u>
<code>fontenc (package)</code>	<u>11</u>
<code>\frame</code>	116, 117
<code>\frametitle</code>	117
<code>frametitle (template)</code>	<u>123</u>
H	
<code>\header</code>	<u>150</u>
<code>\heightof</code>	51, 58
<code>\hsize</code>	87
<code>\hypersetup</code>	<u>122</u>
I	
<code>\ifbeamercoloreempty</code>	124
<code>\includegraphics</code>	48, 52, 59, 67, 72-74, 77-80, 82, 83, 175, 182
<code>inputenc (package)</code>	<u>4</u>
<code>\insertauthor</code> ...	100, 101, 160
<code>\insertdate</code>	105, 110, 161
<code>\insertframesubtitle</code>	138, 142
<code>\insertframetitle</code>	136
<code>\insertinstitute</code>	103, 110, 159
<code>\insertlogo</code>	186
<code>\insertsubtitle</code>	90, 94
<code>\inserttitle</code>	89, 162
<code>\institute</code>	47
<code>itemize items (template)</code> ..	<u>218</u>
<code>\itshape</code>	37, 205
L	
<code>\large</code>	150
<code>listings (package)</code>	<u>15</u>
<code>\logo</code>	48
<code>\lstloadlanguages</code>	<u>18</u>
<code>\lstset</code>	<u>19</u>
M	
<code>\maketitle</code>	115
<code>\mode</code>	41, 43, 197, 199, 220

modes:
 all [43](#), [197](#), [220](#)
 presentation [41](#), [199](#)

N

`\NeedsTeXFormat` [194](#)
`\newcommand` .. [56](#), [150](#), [201-203](#)
`\newlength` [50](#), [54](#), [61](#), [63](#), [65](#), [166](#)
`\nointerlineskip` [124](#)

O

options:
 svgnames [3](#), [46](#), [121](#)

P

packages:
 babel [13](#)
 calc [12](#)
 dejavu [14](#)
 fix-cm [2](#), [45](#), [120](#)
 fixltx2e [1](#), [44](#), [119](#)
 fontenc [11](#)
 inputenc [4](#)
 listings [15](#)
 parskip [16](#)
 uccbranding [17](#), [198](#)
 parskip (package) [16](#)
`\PassOptionsToPackage`
 [3](#), [46](#), [121](#)
`\PrerenderUnicode` [5-10](#)
 presentation (mode) .. [41](#), [199](#)
`\ProvidesPackage` [195](#)

Q

`\quad` [75](#), [160-162](#)

R

`\raggedright` [157](#)
`\raisebox` [75](#), [81](#)
`\renewcommand` [115](#)
`\RequirePackage` [1](#), [2](#), [4](#),
 [11-17](#), [44](#), [45](#), [119](#), [120](#), [198](#)
`\rule` [178](#)

S

`\setbeamercolor` . [200](#), [214](#), [216](#)
`\setbeamerfont` .. [204-208](#), [215](#)
`\setbeamersize` [167](#)
`\setbeamertemplate`
 [70](#), [123](#), [151](#), [168](#), [218](#), [219](#)
`\settoheight` [66](#)
 sidebar left (template) ... [151](#)
 sidebar right (template) .. [166](#)
`\smallskip` [101](#), [150](#)
`\ss` [24](#)
 svgnames (option) [3](#), [46](#), [121](#)

T

`\tabcolsep` [71](#)
`\tableofcontents` [117](#)
 templates:
 frametitle [123](#)
 itemize items [218](#)
 sidebar left [151](#)
 sidebar right [166](#)
 title page [47](#)
`\textbf` [150](#)
`\textwidth` [125](#)
`\thepage` [155](#)
 title page (template) [47](#)
`\titlepage` [116](#)
`\ttfamily` [19](#)

U

`\UCC@authorsize` . [203](#), [206-208](#)
`\UCC@deptlogo` . [55](#), [57](#), [180](#), [183](#)
`\UCC@deptlogoheight`
 [54](#), [58](#), [172](#), [182](#)
`\UCC@logoheight` ... [50](#), [51](#), [173](#)
`\UCC@maxheight` [65](#), [66](#), [68](#)
`\UCC@maxwid` [61](#),
 [62](#), [87](#), [88](#), [98](#), [104](#), [108](#), [156](#)
`\UCC@sidebarblock`
 [166](#), [170-174](#), [178](#)
`\UCC@subtitlesize` ... [202](#), [205](#)
`\UCC@titleblockheight`
 [63](#), [64](#), [68](#), [69](#), [87](#)
`\UCC@titlesize` .. [201](#), [204](#), [215](#)

uccbranding (package) .	17 , 198	\usecolortheme	42
\upshape	34-36	V	
\usebeamercolor	93, 141	\vbox	87, 112, 133, 135
\usebeamerfont	89,	\vfill	87,
93, 99, 105, 109, 132, 140		97, 113, 135, 145, 153, 168	
\usebeamertemplate ..	187, 190	\vrule	101