

The Utopia PDF Presentations Bundle

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1 Bundle components and system requirements

The bundle contains four L^AT_EX packages:

- `u-build` for adding builds and transition effects to presentations (see section 3)
- `u-background` which provides commands to facilitate backgrounds, hyperlinks, headings and bulleted lists (see section 4)
- `u-pshooks` which defines some internal commands used by both `u-build` and `u-background`
- `u-fullscreen` which adds the `pdfmark` code necessary to make PDFs open in full screen mode (see section 5)

a POSTSCRIPT program:

- `u-psbuild.ps` which does the POSTSCRIPT post-processing required to make building and dimming operative

seven sample T_EX files:

- `seminar1.tex` is an example of using `seminar.cls` with landscape orientation and the ‘standard’ Computer Modern fonts
- `demoseminar.tex` is the source for the website demo, which uses `seminar.cls` with landscape orientation and less standard fonts
- `demofoils-l.tex` is an example of using `foils.cls` with landscape orientation
- `demofoils-p.tex` is an example of using `foils.cls` with semi-portrait orientation
- `demozoom.tex` is an example of hacking to simulate ‘zooming in’ on graphics
- `transitions.tex` is the source for `transitions.pdf`
- `transitions-silent.tex` is the (almost identical) source for `transitions-silent.pdf`

six graphics files needed to process the above samples

- `demo1.eps`, `demo2.eps`, `demo3.eps`, `demo4.eps`, `arrow.eps` and `minisketch.pro`

six example PDF files:

- `transitions.pdf` gives samples of available transitions, sounds and the dvips named colours, plus the basic background styles
- `transitions-silent` gives the same, without the sounds
- `demoseminar.pdf` is the end product from `demoseminar.tex`
- `demofoils-l.pdf` is the end product from `demofoils-l.tex`
- `demofoils-p.pdf` is the end product from `demofoils-p.tex`
- `demozoom.pdf` is the end product from `demozoom.tex`

seventeen sound files (`*.dat`), documentation `u-bundle.pdf` (this file), and licensing information (`licence.txt`).

To exploit all features you need

- a L^AT_EX installation which includes the `color`, `keyval` and `everyshi` packages (available from CTAN if necessary)
- an application to generate POSTSCRIPT from dvi files: the bundle is designed to work with dvips and with DVIPSONE; it *may* work with other drivers depending on their `\special` syntax and the kind of POSTSCRIPT which they generate
- a POSTSCRIPT interpreter, to run the POSTSCRIPT post-processing program; either Distiller or Ghostscript will do
- an application to generate PDF from POSTSCRIPT. Acrobat (Distiller) is recommended; Ghostscript 5.50, apart from its problems with font embedding, does not implement the full range of pdfmark operators and so for example does not support sound or transition effects; Ghostscript 6.0 or later is recommended

2 Installation and use

The L^AT_EX packages (`*.sty`) should be copied to a directory on your L^AT_EX system's package-searching path (and depending on your system you may also need to refresh a filename database).