ConTeXt

Presentation Environment 3

category: ConTeXt Style File

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This is the third environment for typesetting interactive presentations. I used this style for a talk on TEX and JAVASCRIPT at TUG98, mainly because I didn't want to use the same style three times. Therefore this is a rather simple, silly style.

1 \usemodule[pre–general]

\setupbody.. We use a large bodyfont. Combined with the fancy background, this does not leave that much room for text, but presentations should use much text anyway.

2 \startmode[asintended] \setupbodyfont[lbr] \stopmode

3 \setupbodyfont[14.4pt]

\setuppape.. The page dimensions are set to size S6, being 600pt by 450pt. We use wide margins and discard
\setuplayout headers and footers. We also launch the document full screen.
\setupinte..

4 \setuppapersize
     [S6][S6]

5 \setuplayout
     [width=middle,
      height=middle,
      topspace=75pt,
      backspace=100pt,
      header=0pt,
      footer=0pt]

6 \setupinteractionscreen
     [option=max]

\setupcolors Next, color support is turned on and a dark red color is defined. Other red shades will be derived
\definecolor from this one color.

7 \setupcolors
     [state=start]

8 \definecolor [PageColor]   [black]
     \definecolor [BackgroundColor] [s=.85]
     \definecolor [OrnamentColor]   [r=.75]

\setupinte.. We turn on interaction mode and use the same color for hyperlinks and redundant hyperlinks (the ones that point to the current page).

9 \setupinteraction
     [state=start,
      contrastcolor=OrnamentColor,
      color=OrnamentColor]

\defineove.. The joke in this presentation is the elliptical shape of which the bottom part includes a page indication.
\setupback..
10 \defineoverlay
      [PageShape][\useMPgraphic{PageShape}]

11 \startuseMPgraphic{PageShape}
      StartPage ;
        path p ; pair pa, pb ; numeric len ; color contrastcolor ;
        fill Page withcolor \MPcolor {PageColor} ;

```
      pickup pencircle rotated 45 xscaled 10pt yscaled 20pt ;
      p := Page enlarged (-10pt,-15pt) superellipsed .8 ;
      p := p shifted (-1.5pt,0) ; % looks better
      fill p withcolor \MPcolor{BackgroundColor} ;
      draw p withcolor \MPcolor{OrnamentColor} ;
      contrastcolor = 2/3 * \MPcolor{OrnamentColor} ;
      if (PageNumber>0) and (NOfPages>0):
        draw point 5 of p withcolor contrastcolor ;
        draw point 7 of p withcolor contrastcolor ;
        len := 2/NOfPages ;
        pa := point (5+len*PageNumber) of p ;
        pb := point (5+len*(PageNumber-1)) of p ;
        draw (p cutafter pa) cutbefore pb
          withcolor contrastcolor ;
      fi ;
    StopPage ;
  \stopuseMPgraphic
```

We use the viewer provided feature to go to the previous or next page.

12 \defineoverlay[PrevButton][\overlaybutton{PreviousPage}]
    \defineoverlay[NextButton][\overlaybutton{NextPage}]

13 \setupbackgrounds
      [page]
      [background={PageShape,PrevButton}]

14 \setupbackgrounds
      [text][text]
      [background=NextButton]

\definehead Like the other presentation styles, we use \Topic instead of \chapters. This time we don't provide
\setuphead   an additional sectioning. So we have:

```
    \TitlePage{How nice}

    \Topics{This is about ...}

    \Topic{The first one}

    \Topic{Another one}
```

15 \definehead [Topic] [chapter]
    \definehead [Nopic] [title]

16 \setuphead
      [Topic,Nopic]
      [after={\blank[3*medium]},
       number=no,
       style=\tfb,
       page=yes,
       alternative=middle]

```
17   \setuplist
       [Topic]
       [alternative=g,
        interaction=all,
        before=,
        after=]

18   \def\Subject
       {\Topic}
```

The tables of contents is associated with **\Topics**.

```
19   \def\Topics#1%
       {\Nopic[Topics]{#1}
        \placelist[Topic][criterium=all]}

20   \def\Subjects
       {}
```

Instead of **\TitlePage**, one can use the pair **\StartTitlePage** – **\StopTitlePage**:

```
    \StartTitlePage
    A Self Made Title
    \StopTitlePage
```

```
21   \def\StartTitlePage%
       {\startstandardmakeup
        \bfd\setupinterlinespace
        \setupalign[middle]
        \vfil
        \def\\{\vfil\bfb\setupinterlinespace}}

22   \def\StopTitlePage%
       {\vfil\vfil\vfil
        \stopstandardmakeup}

23   \def\TitlePage#1%
       {\StartTitlePage#1\StopTitlePage}

24   \endinput
```

\definecolor *1*   \setupcolors *1*
\definehead *2*   \setuphead *2*
\defineoverlay *1*   \setupinteraction *1*
                                     \setupinteractionscreen *1*
\setupbackgrounds *1*   \setuplayout *1*
\setupbodyfont *1*   \setuppapersize *1*