ConTeXt

Presentation Environment 6

category: ConTeXt Style File

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I wrote this sixth presentation style on behalf of a presentation at Bachotek '99. The joke in this style is (ab)using the Antikwa Torunska, a rather Polish font. When I was first confronted with this font, the backward slant stoke me as very characteristic.

Each page has a slightly different background consisting of three O's. Although TEX could do the randomization, scaling and placement, I prefered to use METAPOST. The backward slant is also reflected in the stepwise increasing left margin. Due to this characteristic and the trick used, this style is only suited for simple presentations, using itemizations.

1 \usemodule[pre–general]

\setupbody.. As said, we will use the Antikwa Torunska, and because we want it to show up well, we use it large.

2 \setupbodyfont
     [ant,14.4pt]

\definecolor Thus style only uses gray scales, but nevertheless we turn on color. We only use a few logical color
\setupcolors names.

3 \setupcolors
     [state=start]

4 \definecolor [BackgroundColor] [s=.8]
     \definecolor [ContrastColor]   [s=.9]
     \definecolor [InteractionColor] [s=.6]

\setuppape.. As (nearly) always, we use a 600 pt times 450 pt screen width, mapped on ditto paper dimensions.

5 \setuppapersize
     [S6][S6]

\setuplayout The layout is rather symmetrical. We don't use headers and footers, and thereby automatically turn off the page numbering: no room, no number. We use the bottom to present a rather trivial menu.

6 \setuplayout
     [backspace=2cm,
      topspace=2cm,
      width=middle,
      header=0pt,
      height=middle,
      footer=0pt,
      bottomdistance=.5cm,
      bottom=1cm]

\setupinte.. This menu is slighly moved to the right because that looks better. The menu itself has one goto (\got)
\startinte.. entry, which is forced to the right.

7 \setupinteractionmenu
     [bottom]
     [rightoffset=-1cm]

8 \startinteractionmenu[bottom]
       \hfill \got [CloseDocument] \bfd Quit \\
     \stopinteractionmenu

\setupback.. Page background are calculated at each page, opposite to the other backgrounds, that are reused and only calculated when CONTEXT is explictly told to do so. There are three overlays: a gray fill, the graphic, and a button that circulates the pages.

9   \setupbackgrounds
         [page]
         [background={color,Joke,GoAround},
          backgroundcolor=BackgroundColor]

\defineove..   The forward reference action circulates over the pages, so, at the last page, we are led back to the first.

10   \defineoverlay [GoAround] [\overlaybutton{forward}]

The joke is a simple METAPOST routine. The picture is actually larger than the screen, but is clipped of when included.

11   \defineoverlay [Joke] [\useMPgraphic{background}]

12   \startuseMPgraphic{background}
          input mp-tool ;
          width := \overlaywidth ;
          height := \overlayheight ;
          picture p ; p := char 79 infont "\truefontname{Regular}" scaled 1 ;
          pwidth := xpart urcorner bbox p - xpart llcorner bbox p ;
          pheight := ypart urcorner bbox p - ypart llcorner bbox p ;
          def do (expr r) =
            addto currentpicture also p shifted - center p scaled r
              xscaled (width/pwidth) yscaled (height/pheight)
              withcolor \MPcolor{ContrastColor} ;
          enddef ;
          do (0.9+uniformdeviate0.1) ;
          do (1.4+uniformdeviate0.1) ;
          do (1.9+uniformdeviate0.1) ;
        \stopuseMPgraphic

\setupinte..   We did not yet turn on the interaction, so let's do that now. When opened, the document will fil the
\setupinte..   screen.

13   \setupinteraction
         [state=start,
          color=InteractionColor,
          contrastcolor=InteractionColor,
          menu=on]

14   \setupinteractionscreen
         [option=max]

\TitlePage   A presentation normally consists of a title page, a list of topics, and the content itself. In this style, a
   \Topics   further subdivision does not make sense, but because we want to be compatible with the other styles,
    \Topic   they are added. A presentation looks like:

         \usemodule[pre-antikwa]

         \startext

         \TitlePage{The Title}

         \Topics{Contents}

```
\Topic{Some Topic}

\startitemize
\item first
\item second
\stopitemize

\Topic{Some Topic}

...

\stoptext
```

\definehead
\Topic
\Subject We use dedicated sectioning commands.

```
15  \definehead [Topic]   [chapter]
    \definehead [Subject] [section]

16  \definehead [Nopic]   [title]
```

\setuphead We turn of numbering. The assignment to `after` takes care of the increasing indentation. This indentation is the only low level TEX code needed. Including this functionality in the core of CONTEXT is not that useful and I would forget about this feature being present anyway.

```
17  \setuphead
      [Topic, Nopic, Subject]
      [number=no,
       after={\blank[2*big]\ToTheLeft\everypar{\ToTheRight}}]
```

After section titles we set the `\leftskip` to a value that suits the Antikwa slant.

```
18  \def\ToTheLeft%
      {\gdef\LeftSkip{30}%
       \rightskip0pt\relax
       \leftskip30pt\relax}
```

Each new paragraph adds to the `\leftskip`.

```
19  \def\ToTheRight%
      {\doglobal\increment(\LeftSkip,20)%
       \leftskip=\LeftSkip pt\relax}
```

\Topics The `\Topics` command uses a bot of low level CONTEXT. We could have done with:

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

but the next alternative sort of ignores this command when no list is found.

```
20  \def\Topics#1%
      {\determinelistcharacteristics[Topic]
       \ifcase\utilitylistlength\else
         \Nopic[Topics]{#1}
         \placelist[Topic][criterium=all]
       \fi}
```

\setuplist We use the single item command to achieve a result similar to the itemizations.

```
21   \setuplist
       [Topic]
       [alternative=command,
        command=\TopicListCommand]
```

```
22   \def\TopicListCommand#1#2#3%
       {\item#2\par}
```

A dummy command, needed to be compatible with the other presentation styles.

```
23   \def\Subjects%
       {}
```

\StartTitl.. We use a nested **\everypar**; everything in there will be put in front of each paragraph. The nesting prevents the first paragraph from indenting. The struts give the lines a decent height, which looks better inrelation to the next pages.

```
24   \def\StartTitlePage%
       {\startstandardmakeup
        \bfd\setupinterlinespace
        \everypar{\everypar{\advance\leftskip30pt\relax}}
        \let\\=\blank
        \begstrut}
```

```
25   \def\StopTitlePage%
       {\endstrut
        \vfill
        \stopstandardmakeup}
```

\TitlePage The title page can be generated with one command:

```
26   \def\TitlePage#1%
       {\StartTitlePage#1\StopTitlePage}
```

```
27   \endinput
```