ConTeXt

Presentation Environment 7

category: ConTeXt Style File

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This style was made for the NTS presentation at EUROTEX 1999. It's a to programming in a webbed way. This is just one way of implementing such a style. Today we have more METAPOST interfacing available, and thereby moore tools and alternative ways to reach such a goal. I must admit that the main macro looks fuzzy. On the other hand, the presentation can look quite structured.

```
\TitlePage{...\\...\\...}

\Topics{...}

\StartIdeas
  \Topic{...}
  \StartIdea ... \StopIdea
  \StartIdea ... \StopIdea
\StopIdeas
```

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

2   \setupbodyfont[14.4pt]

3   \usemodule
      [abr-02]

4   \setuppapersize
      [S6][S6]

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

6   \setupinteractionscreen
      [option=max]

In order to prevent loops due to random placement, we keep the random seed reasonable constant.

7   \setupsystem
      [random=big]

8   \setupcolors
      [state=start]

9   \definecolor[gray]   [s=.4]
    \definecolor[lightgray][s=.9]

10 \definecolor[red]   [r=.4] \definecolor[cyan]   [g=.4,b=.4]
    \definecolor[green][g=.4] \definecolor[magenta][r=.4,b=.4]
    \definecolor[blue] [b=.4] \definecolor[yellow] [r=.4,g=.4]

11 \definecolor[PageColor][gray]
    \definecolor[TextColor][lightgray]
    \definecolor[LineColor][yellow]

```
12    \definecolor[linecolor 1][red]    \definecolor[linecolor 5][cyan]
      \definecolor[linecolor 2][green]  \definecolor[linecolor 6][magenta]
      \definecolor[linecolor 3][blue]   \definecolor[linecolor 4][yellow]

13    \setupinteraction
        [state=start,
         display=new,
         color=LineColor,
         contrastcolor=LineColor]

14    \startuseMPgraphic{shape}
        path p ; color c, w ; numeric width, height ;
        c := \MPcolor{LineColor} ; w := \MPcolor{TextColor} ;
        width  := \overlaywidth ; height := \overlayheight ;
        pickup pencircle scaled .5cm ;
        p := unitcircle
          xscaled \MPw{\Idea} yscaled \MPh{\Idea}
          shifted \MPxy{\Idea}  ;
        for z = (0,.5height), (width,.5height), (.5width,0), (.5width,height),
                (0,0),        (width,height),  (0,height), (width,0) :
          draw center p -- z withcolor c ;
        endfor ;
        fill p withcolor w ;
        draw p withcolor c ;
        p := unitcircle
          xscaled \MPw{\Page} yscaled \MPh{\Page}
          shifted \MPxy{\Page}  ;
        pickup pencircle scaled .25cm ;
        fill p withcolor w ;
        draw p withcolor c ;
        draw unitsquare xscaled width yscaled height withcolor c ;
      \stopuseMPgraphic

15    \defineoverlay [shape]        [\useMPgraphic{shape}]
      \defineoverlay [nextpage]     [\overlaybutton{nextpage}]
      \defineoverlay [previouspage] [\overlaybutton{previouspage}]
      \defineoverlay [content]      [\overlaybutton{content}]
      \defineoverlay [forward]      [\overlaybutton{forward}]

16    \setupbackgrounds
        [page]
        [background={color,previouspage,shape},
         backgroundcolor=PageColor]

17    \def\StartIdea%
        {\xdef\Idea{idea:\realfolio}
         \xdef\Page{page:\realfolio}
         \startstandardmakeup
           \dontcomplain
           \vbox to \makeupheight \bgroup
             \getrandomdimen\scratchdimen{75pt}{600pt}\vskip 0pt plus \scratchdimen
             \hbox to \makeupwidth \bgroup
               \getrandomdimen\scratchdimen{75pt}{600pt}\hskip 0pt plus \scratchdimen
               \hpos{idea:\realfolio} \bgroup
```

```
                \framed
                  [width=.6\hsize,height=fit,offset=2cm,align=middle,
                   frame=off,strut=no,background=forward]
                  \bgroup
                  \setupwhitespace[big]}
```

18 ```
    \def\StopIdea%
                {\egroup
              \egroup
              \getrandomdimen\scratchdimen{75pt}{600pt}\hskip 0pt plus \scratchdimen
            \egroup
            \getrandomdimen\scratchdimen{75pt}{600pt}\vskip 0pt plus \scratchdimen
          \egroup
          \ifx\CurrentTopic\empty \else
            \vskip-\makeupheight
            \vbox to \makeupheight
              {\vfill
               \ifx\CurrentListTopic\empty\else
                 \writetolist[Topic]{}{\CurrentListTopic}
               \fi
               \hbox to \makeupwidth
                 {\hfill
                  \hpos{page:\realfolio}
                    {\framed
                       [offset=.5cm,frame=off,background=content]
                       {\bf\ignorespaces\CurrentTopic\unskip}}%
                  \hskip.5cm}
               \vskip.5cm}
          \fi
        \stopstandardmakeup
        \let\CurrentListTopic\empty}
```

19  ```
    \definelist
      [Topic]
```

20 ```
    \setuplist
      [Topic]
      [alternative=f,
       expansion=command]
```

21  ```
    \let\CurrentTopic\empty
    \let\CurrentListTopic\empty
```

22 ```
    \long\def\StartTopic#1\StopTopic
      {\long\def\CurrentTopic{#1}
       \let\CurrentListTopic\CurrentTopic}
```

23  ```
    \def\Topic#1%
      {\StartTopic#1\StopTopic}
```

24 ```
    \def\Topics#1%
      {\StartIdeas
         \def\CurrentTopic{#1}
         \StartIdea
           \pagereference[content]
```

```
        \placelist[Topic][criterium=all]
      \StopIdea
    \StopIdeas}
```

25 `\newcounter\CurrentIdeas`

26 `\def\StartIdeas%`
    `{\ifnum\CurrentIdeas=6 \doglobal\newcounter\CurrentIdeas \fi`
    `\doglobal\increment\CurrentIdeas`
    `\definecolor[LineColor][linecolor \CurrentIdeas]}`

27 `\def\StopIdeas%`
    `{}`

28 `\endinput`