

# ConTeXt

Presentation Environment 16

category: ConTeXt Style File

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The first version of this style was made late summer 1999, but its first usage was during a course I gave in BRNO. It's a rather simple style with a dominating background.

```
1 \setuppapersize
  [S6] [S6]

2 \setupbodyfont
  [pos, 14.4pt]

3 \setuplayout
  [topspace=100pt,
   backspace=120pt,
   header=0pt,
   footer=0pt,
   width=middle,
   height=middle]

4 \setupbackgrounds
  [text]
  [backgroundoffset=80pt,
   background=GoOn]

5 \setupbackgrounds
  [page]
  [background={FuzzyCircle,Again}]

6 \setupcolors
  [state=start]

7 \definecolor[gray] [s=.4]
  \definecolor[white] [s=.8]

8 \definecolor[red] [r=.8] \definecolor[cyan] [g=.8,b=.8]
  \definecolor[green] [g=.8] \definecolor[magenta] [r=.8,b=.8]
  \definecolor[blue] [b=.8] \definecolor[yellow] [r=.8,g=.8]

9 \definecolor[PageColor] [gray]
  \definecolor[TextColor] [yellow]
  \definecolor[LineColor] [blue]

10 \setupinteraction
    [state=start,
     color=LineColor,
     contrastcolor=LineColor]

11 \setupinteractionscreen
    [option=max]

12 \setupitemize
    [each]
    [color=blue,
     symbol=FuzzyDot]
```

```

13 \startuseMPgraphic{FuzzyCircle}
    path p ; numeric w, h, l ;
    w := OverlayWidth ; h := OverlayHeight ;
    def dd = (1 randomized (1/5)) enddef ;
    pickup pencircle xscaled 10pt yscaled 2pt rotated 30;
    for i:=1 upto 50 :
        p := (-dd,-dd)..(dd,-dd)..(dd,dd)..(-dd,dd)..cycle ;
        p := p rotatedaround (center p, uniformdeviate 360) ;
        p := p xscaled (w/2) yscaled (h/2) ;
        l := length(p)/2 ;
        p := p cutbefore point (uniformdeviate l) of p ;
        p := p cutafter point (1+uniformdeviate l) of p ;
        draw p withcolor \MPcolor{LineColor} randomized (.4,1) ;
    endfor ;
    picture s ; s := currentpicture xysized (w-15,h-15) ;
    currentpicture := nullpicture ;
    fill boundingbox s enlarged 60pt withcolor \MPcolor{PageColor} ;
    addto currentpicture also s ;
\stopuseMPgraphic

14 \startuseMPgraphic{FuzzyDot}
    path p ; numeric w ;
    w := BodyFontSize/2 ;
    def dd = (w randomized (w/2)) enddef ;
    pickup pencircle xscaled (w/2) yscaled (w/3) rotated 30 ;
    for i=0 step 45 until 135 :
        p := (-dd,0)--(dd,0) ;
        p := p rotatedaround (origin,i-w+uniformdeviate w) ;
        draw p withcolor \MPcolor{LineColor} randomized (.3,.8) ;
    endfor ;
\stopuseMPgraphic

15 \defineoverlay [FuzzyCircle] [\useMPgraphic{FuzzyCircle}]
\defineoverlay [GoOn] [{\setupinteraction[click=no]\overlaybutton{forward}}]
\defineoverlay [Again] [\overlaybutton{firstpage}]

16 \definesymbol
    [FuzzyDot]
    [\lower\dp\strutbox\hbox{\useMPgraphic{FuzzyDot}}]

17 \def\Item%
    {\par\noindent\symbol[FuzzyDot]\hskip.5em\nobreak}

18 \setupitemize
    [all]
    [packed]
    [symbol=FuzzyDot]

19 \def\NextIdea%
    {\blank[back,medium]
     \midaligned{\symbol[FuzzyDot]}
     \blank[medium]
     \blank[disable]}

```

```
20 \definehead [Topic] [chapter]
   \definehead [Nopic] [title]
```

```
21 \setuphead
   [Topic, Nopic]
   [alternative=middle,
    before=,
    number=no,
    style=\bfb]
```

```
22 \setuplist
   [Topic]
   [alternative=g,
    interaction=all]
```

Since we want a colored text, and since color directive can spoil the spacing, we use a foregroundcolor.

```
23 \setupbackgrounds
   [text]
   [foregroundcolor=TextColor]
```

Unfortunately this does not work when on the page colors are set, so we play safe and say:

```
24 \setupmakeup
   [standard]
   [color=TextColor]
```

```
25 \def\StartIdea%
   {\startstandardmakeup
    \setupwhitespace[medium]
    \setupblank[medium]
    \setupalign[broad,middle]}
```

```
26 \def\StopIdea%
   {\stopstandardmakeup}
```

```
27 \def\Topics#1%
   {\Nopic{#1}
    \startcolumns
    \setupinteraction[color=TextColor,contrastcolor=TextColor]
    \placelist[Topic]
    \stopcolumns
    \page}
```

Some fakes.

```
28 \def\Subject {\Topic}
   \def\Subjects {}
```

A bonus (copied from s-pre-02 but with a different vertical alignment).

```
29 \def\StartTitlePage%
   {\startstandardmakeup
    \bfd\setupinterlinespace
    \setupalign[middle]
    \vfil
    \let\=\vfil}
```

## Presentation Environment 16

```
30 \def\StopTitlePage%  
    {\vfil  
    \stopstandardmakeup}  
31 \def\TitlePage#1%  
    {\StartTitlePage#1\StopTitlePage}  
32 \endinput  
33 \starttext  
34 \Topics{...}  
35 \StartIdea  
    \Topic{...}  
    ...  
    \NextIdea  
    ...  
    \StopIdea  
36 \stoptext
```