

ConTeXt

Presentation Environment 0

category: ConTeXt Style File

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This module provides some non core functionality that can be used in the presentations styles. This module contains experimental macros.

The presentation environments are independent of each other. Although they have much in common, and in many cases can be exchanged, the common components are not collected in this file. That way they can serve as examples of style definitions.

```

1 \unprotect

2 \newbox      \presentationstack
  \newcounter \presentationcounter
  \newdimen   \presentationheight

3 \appendtoks\doglobal\newcounter\presentationcounter\to\everyshipout

4 \defineframedtext
  [presentationshield]

5 \setupframedtexts
  [presentationshield]
  [\c!achtergrond=\v!kleur,
   \c!achtergrondkleur=StepColor,
   \c!offset=\v!overlay,
   \c!kader=\v!uit]

6 \definecolor[StepColor][white]

7 \def\enablepresentationstep%
  {\let\enablepresentationstep\relax
   \useJSpreamblenow{presentation}%
   \setuptexttexts
    [\vbox to \teksthoogte
     {\dopresentationstep1\box\presentationstack\vfill}]}

8 \def\presentationstep%
  {\dopresentationstep0}

9 \def\dopresentationstep#1% not ok yet
  {\global\setbox\presentationstack=\vbox
   {\ifnum\presentationcounter=0
    \global\presentationheight=\!!zeropoint
   \fi
   \ifcase#1\relax
    \scratchdimen=\pagetotal
   \else
    \scratchdimen=\textheight
   \fi
   \advance\scratchdimen by -\presentationheight
   \edef\presentationstepheight{\the\scratchdimen}
   \global\presentationheight=\pagetotal
   \forgetall
   \offinterlineskip
   \mindermeldingen
   \box\presentationstack
   \doglobal\increment\presentationcounter
   \scratchcounter=\realpageno \multiply\scratchcounter by 100

```

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```

\advance\scratchcounter by \presentationcounter
\edef\presentationtag{presentation:\the\scratchcounter}
\setupfield
  [presentation]
  [\c!breedte=\v!passend,\c!hoogte=\v!passend,\c!offset=\v!overlay,
   \c!strut=\v!nee,\c!kader=\v!uit,\c!optie=\v!alleenleesbaar]
\definesymbol
  [\presentationtag]
  [\presentationshade]
\def\presentationshade%
  {\presentationshield
   [\c!breedte=\tekstbreedte,\c!hoogte=\presentationstepheight]{} }
\definefield[\presentationtag][check][presentation][\presentationtag,\v!geen][\presentationtag]
\fitfield[\presentationtag]}

```

```

10 \startJSreamble {presentation} used later
    var presentation = new Array() ;
    for (i=1;i<=\lastpage;i++)
      { presentation[i] = 0 }
    this.dirty = false ;
    function NextPresentation (pagenumber)
      { % ++presentation[pagenumber] ;
        presentation[pagenumber] = presentation[pagenumber] + 1 ;
        var dummy = 100*pagenumber + presentation[pagenumber] ;
        var v = this.getField("presentation:"+dummy) ;
        if (v)
          { v.hidden = true }
        else
          { ++pagenumber ;
            if (pagenumber<=\lastpage)
              { presentation[pagenumber] = presentation[pagenumber] + 1 ;
                dummy = 100*(pagenumber) + presentation[pagenumber] ;
                v = this.getField("presentation:"+dummy) ;
                if (v) { v.hidden = true }
                ++this.pageNum } }
          this.dirty = false }
\stopJSreamble

```

```

11 \definereference[NextStep][JS(NextPresentation{\realfolio})]

```

\presentat... The macro \presentationstep provides a basic slide show functionality. It sort of records pieces of the page that will show up stepwise. It can be used like:

```

\startitemize
\item eerste
\item tweede
\stopitemize

\presentationstep

\startformula
ax^2+bx+c
\stopformula

```

```
\presentationstep
```

When the document is opened, the two text fragments are covered by a shield. Each page has its own shield stack. The logical reference `NextStep` can be used to hide the shield.

```
\setupfootertexts[{\button{Show Up}[NextStep]}]
```

In case of presentation style 2, you can say:

```
\definereference[Whatever][JS(NextPresentation{\realfolio})]
```

Depending of the viewer, you need to reset the fields at startup:

```
\setupinteraction[openaction=ResetForm]
```

Fixed spacing give you the best results:

```
\setupwhitespace[fixed]
\setupblank[fixed]
```

Sometimes you need to set the color of the background, as with style 2:

```
\definecolor[StepColor][Page]
```

Special effects can be reached with:

```
\setupframedtexts
  [presentationshield]
  [background=color,backgroundcolor=red]
```

There is also:

```
\autopresentationsteptrue
```

One can enable this feature as `step` mode.

```
12 \newif\ifautopresentationstep
13 \appendtoks \ifautopresentationstep\presentationstep\fi \to \everypar
14 \doifmode{step}                {\enablepresentationstep}
\doifmode{autostep}{\autopresentationsteptrue\enablepresentationstep}
```

When in `comment` mode, embedded page comments are processed and put below the page. The default space of 5cm should be adequate but can of course be changed.

```
15 \doifmode{comment}{\setuppagecomment[state=start,location=bottom]}
16 \protect \endinput
```

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\presentationstep 2