

Tutorial on overlays and layers

EURO T_E X 2009

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3 september 2009



Intro



Layers evolved during time



Overlays



Layers



Define a layer and the overlay is defined as well



Overlays

- ❧ Overlays are used as backgrounds: `\setupbackgrounds`, `\button`, `\framed`
- ❧ Overlays can be stacked: colors, graphics, text
- ❧ Key options: `\overlayheight`, `\overlaywidth`



Example



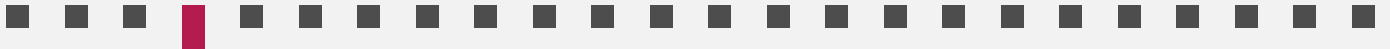
```
\defineoverlay[Fish][{\externalfigure[fish][width=\overlaywidth,height=\overlayheight]}]
```

```
\defineoverlay[Fish][\overlayfigure{fish}]
```

```
\framed
```

```
[frame=on,background=Fish,width=6cm,height=4.5cm]
```


```
{}
```




Layers


Main commands

If a layer is defined, an overlay is automatically defined as well.


 `\definelayer [LayerName] [options]`

 `\setuplayer [LayerName] [options]`

 `\setlayer [LayerName] [options] {}`

 `\setlayerframed [LayerName] [options] [framed-
options] {}`

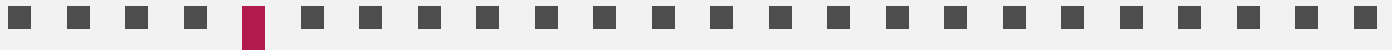
Options

 `x =`

 `y =`

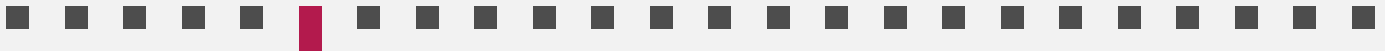
 `xoffset =`

 `yoffset =`



- state = → start, stop, repeat
- direction = → normal, reverse
- position = → no, yes, overlay
- corner = → bottom, top, right, left (also in combination), middle
- location = → t, b, l, r, lt, rt, bl, br, c or middle
- preset = → lefttop, righttop, leftbottom, rightbottom
- width =
- height =

`\placelayer [LayerName]` or `\composedlayer{Layer-Name}`



Specials

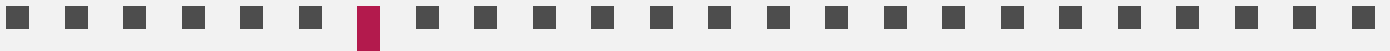
`\defineornament [OrnamentName] [options] [framed-options]`

`\layerdtext [LayeredTextName] [options] [framed-options] {}`

`\definecollector [CollectorName] [options] [framed-options] {}`

Options

- `rotation =` → 90,180,270
- `corner =` → bottom, top, right, left (also in combination), middle
- `location =` → t, b, l, r, lt, rt, bl, br, c or middle
- `alternative =` a, b, c



Options demo

```
\definelaye
```

```
[Test]
```

```
[width=\textwidth,height=\textheight]
```

```
\setlayerframed
```

```
[Test]
```

```
[preset=righttop]
```

```
[frame=on,framecolor=red,align={lohi}]
```

```
{This is a test}
```

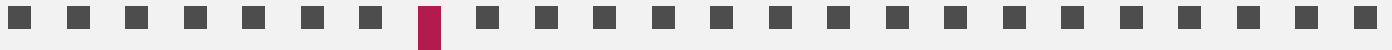
```
\setlayerframed
```

```
[Test]
```

```
[preset=rightbottom]
```

```
[frame=on,framecolor=green,align={lohi}]
```

```
{This is a test}
```



`\setlayerframed`

`[Test]`

`[preset=leftbottom]`

`[frame=on,framecolor=blue,align={lohi}]`

`{This is a test}`

`\setlayerframed`

`[Test]`

`[preset=lefttop]`

`[frame=on,framecolor=yellow,align={lohi}]`

`{This is a test}`



This is a test

This is a test

This is a test

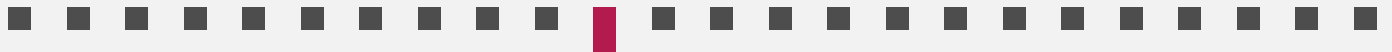
This is a test



`\definelaye`

`[Test]`

`[width=\textwidth,height=\textheight,option=test]`



This is a test

This is a test

This is a test

This is a test



Affiliation example

```
\defineornament
```

```
[MyOrnament]
```

```
[rotation=90,corner={right,bottom},
```

```
location={right,top},hoffset=-.125ex,alternative=b]
```

```
[style=\tfxx,offset=0pt,foreground=color,foregroundcolor=red]
```

```
\placefigure
```

```
[middle,none]
```

```
[]
```

```
{}
```

```
{\MyOrnament
```

```
{Sea water tank Aquazone}
```

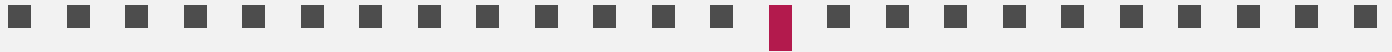
```
{\externalfigure[fish][width=.5\textwidth]}}
```



Result



Sea water tank Aquazone



CD-decoration



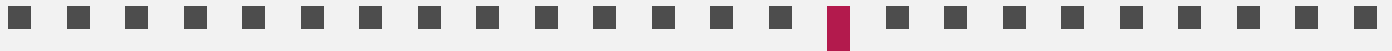
CD-label



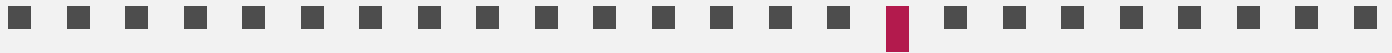
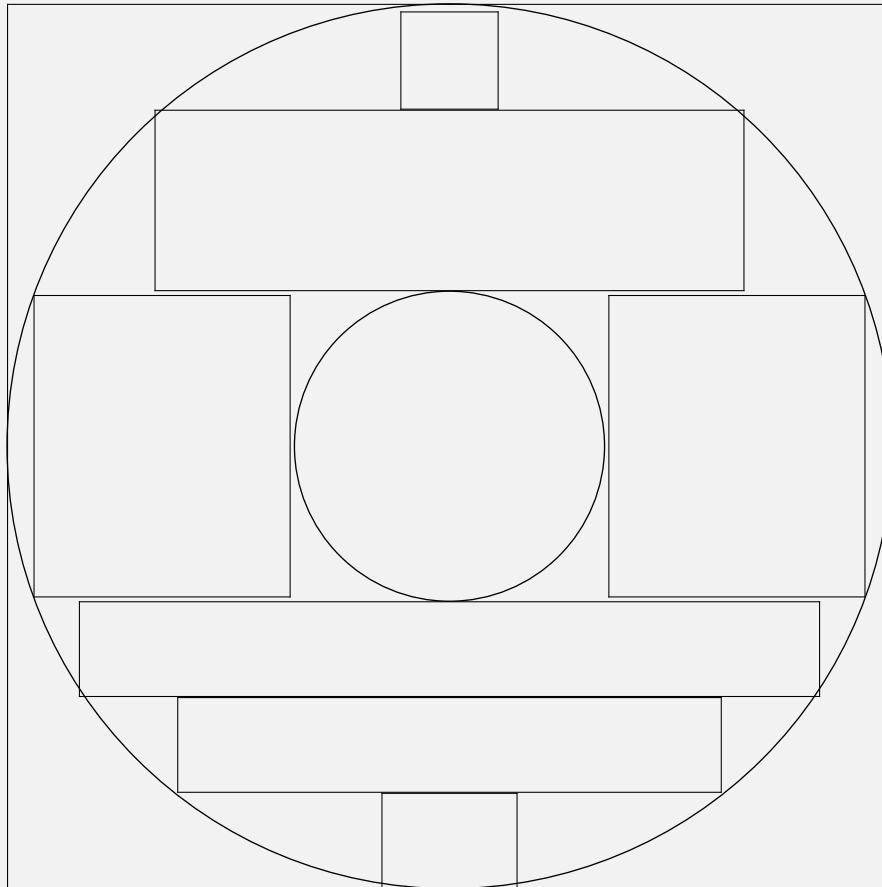
CD-booklet



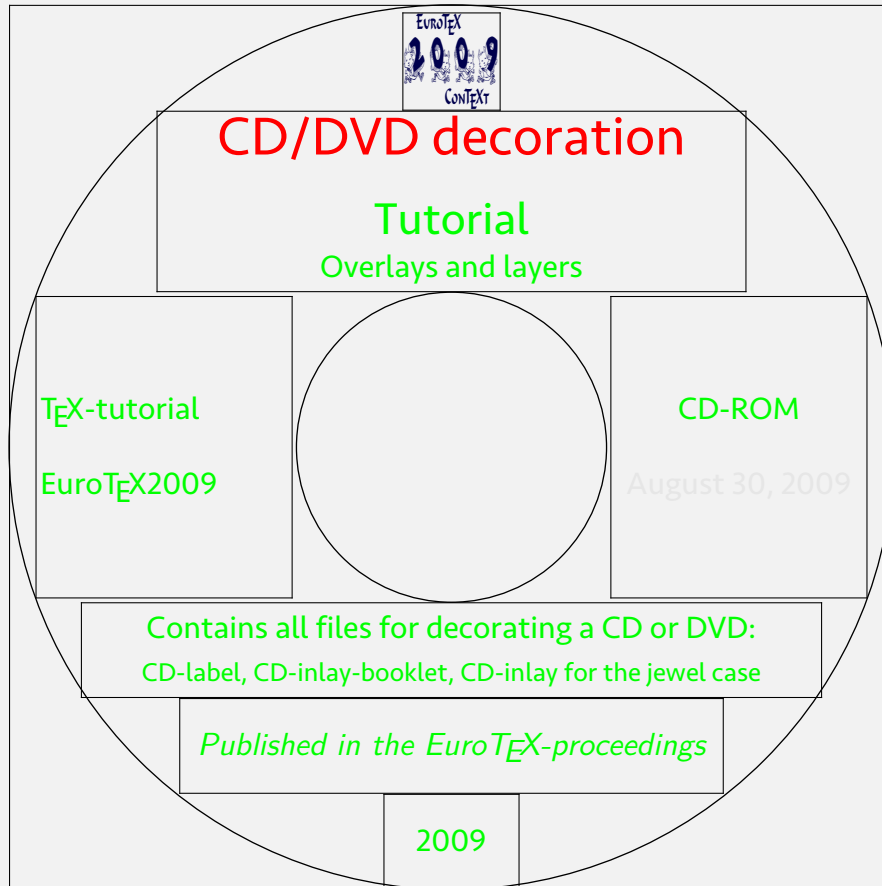
CD-inlay



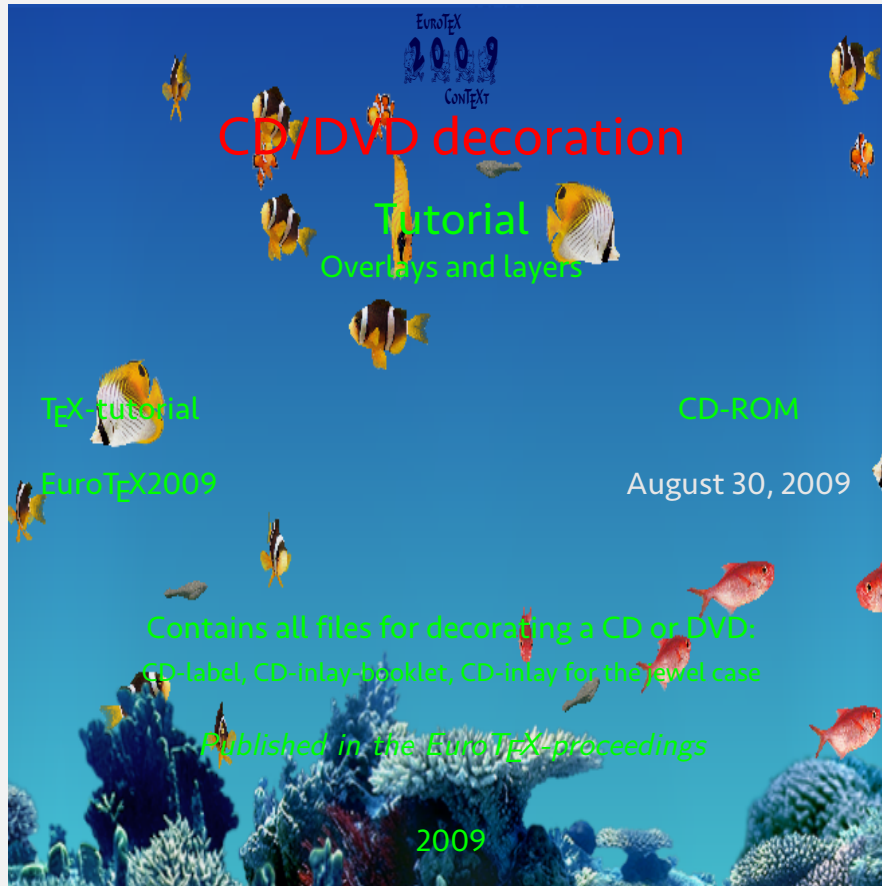
CD-label



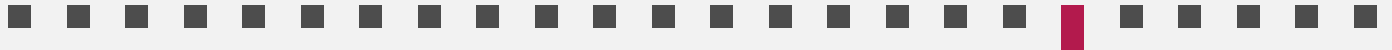
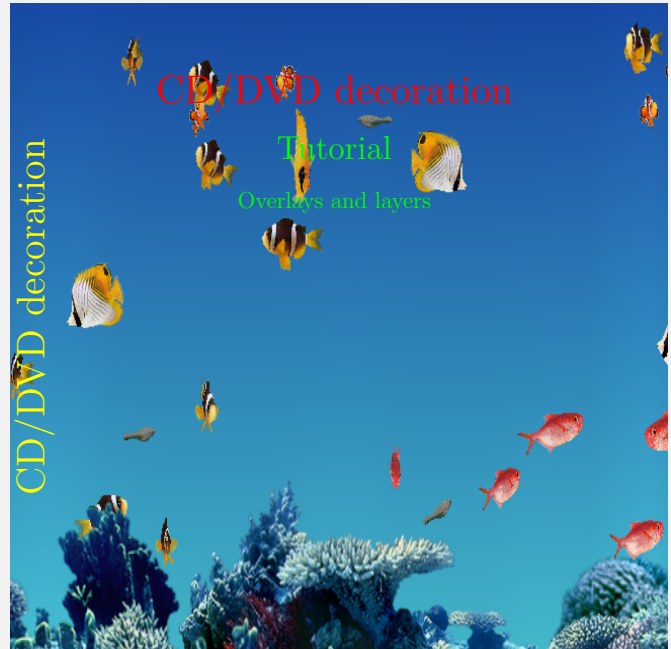
CD-label



CD-label



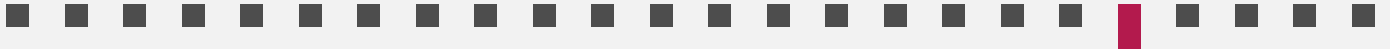
CD-booklet



CD-inlay

CD/DVD decoration
Tutorial
Overlays and layers

During the EuroTeX 2009 a tutorial over the use of overlays and layers was held. The project dealt with was using ConTeXt to create decorations for a CD/DVD. First a CD-label was created. Further a possible solution for the inlay-booklet as well as the inlay for the jewel-case-base was shown. The content of this tutorial is published in the proceedings of the EuroTeX.



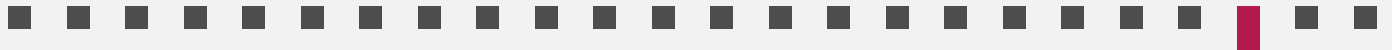
Section header spanning text and margin

- Running headers different for odd and even pages
- Use a layer for odd and even pages placed in the header
- Use setups for odd and even pages
- Setup header texts



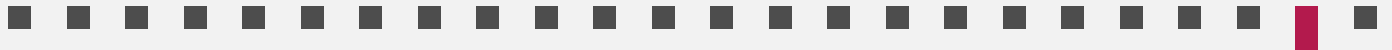
Further reading

- ❧ ConT_EXt the manual. Hans Hagen. November 2001.
- ❧ Metafun. Hans Hagen. January 2002.
- ❧ It's in the details. Hans Hagen. Spring 2002.
- ❧ <http://wiki.contextgarden.net/Layers>



This presentation was made up
with the module "SimpleSlides"

Thanks to
Thomas A. Schmitz and Aditya Mahajan



EUROTEX



CONTEXT

