The tcolobox inner beamer theme

samcarter
TUG 2023 (Bonn)
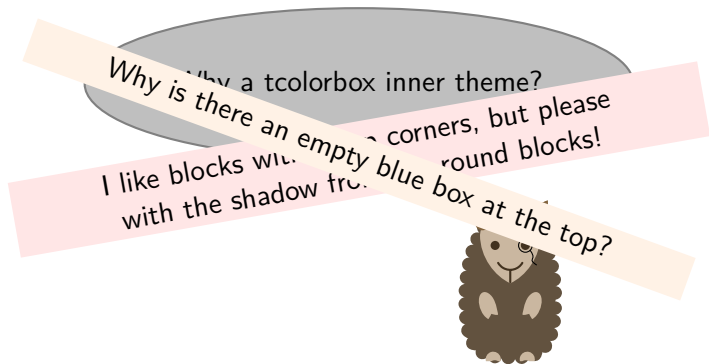July 14 – 16, 2023

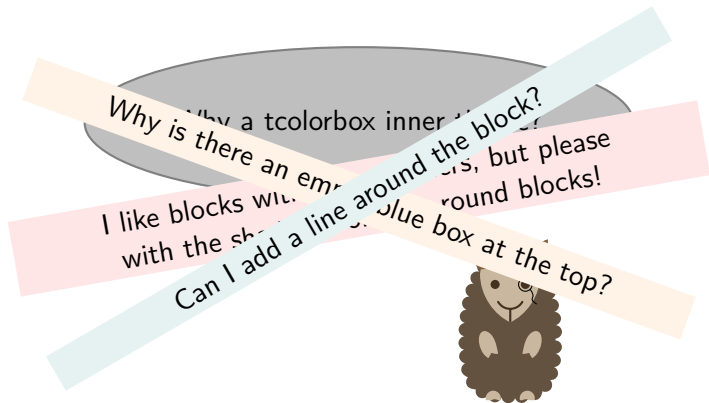# Problem?

Why a tcolorbox inner theme?

Problem?

Why a tcolorbox inner theme?

I like blocks with sharp corners, but please with the shadow from the round blocks!

Problem?

Why a tcolorbox inner theme?

Why is there an empty blue box at the top?

I like blocks with round corners, but please with the shadow from round blocks!

Problem?

Problem?

The shadow vanishes if I include my presentation in another document with pdfpages, view it with a poppler based viewer while a black cat walks by my window during full moon!
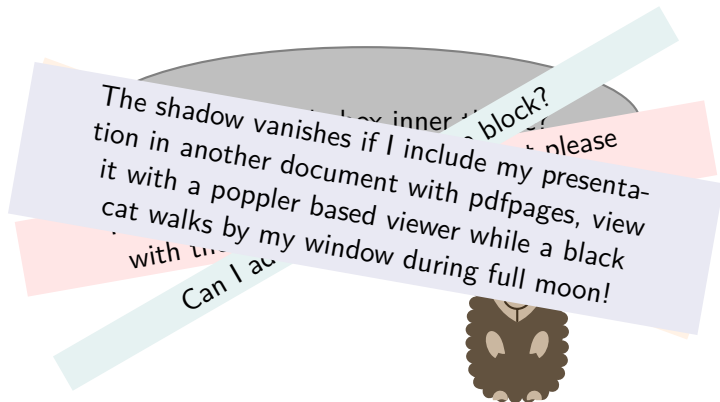
Solution!

> **tcolobox inner theme**
>
> `\useinnertheme{tcolorbox}`

Options

- rounded
- shadow
- shaded
- showtitle
- inmargin
- blocks
- titlepage

Options

- rounded
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- showtitle
- inmargin
- blocks
- titlepage

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

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Options

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Image credit:
https://openclipart.org/detail/180085/switch-on

The world is your oyster

```
\tcbsetforeverylayer{
  enhanced,
  attach boxed title to top center=
      {yshift=-1mm},
  boxed title style={no shadow},
}
```

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Adding border

```
\tcbset{
  boxrule=1pt,
  borderline={1.5pt}{0pt}{beamer@tcb@titlebg},
}
```

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Format title

```
\tcbset{
enhanced, boxrule=1pt,
borderline={1.5pt}{0pt}{beamer@tcb@titlebg},
attach boxed title to top left={xshift=0cm,
    yshift*=0mm-\tcboxedtitleheight},
varwidth boxed title*=-3cm,
boxed title style={frame code={
   \path[fill=beamer@tcb@titlebg]
   (frame.north west) [sharp corners] --
   (frame.north east) [rounded corners=2mm] --
   (frame.south east) [sharp corners] --
   (frame.south west) [rounded corners=2mm] --
   cycle;},interior engine=empty,no shadow},
arc is curved, arc = 1.5mm,
}
```

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Gradient

```
\tcbset{
  title style={
    left color=beamer@tcb@titlebg,
    right color=beamer@tcb@bodybg
  }
}
```

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Background image

```
\tcbset{
  enhanced,
  frame style image={blueshade},
  opacityback=0,
  opacitybacktitle=0
}
```

Block Titel

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

```latex
\tcbset{
enhanced, remember,
frame hidden, interior hidden,
underlay={
\begin{tcbclipframe}
\begin{scope}[inner sep=0pt,
    remember picture,overlay]
\fill[white] (current page.south west)
    rectangle (current page.north east);
% blurred version of background image
\node[opacity=0.9] at (current page.center)
    {\includegraphics[width=\paperwidth]
    {example-image-duck}};
\end{scope}
\end{tcbclipframe}
}}
```

Block Titel

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Bug tracker

https://github.com/samcarter/beamertheme-tcolorbox/issues