



Unofficial Uppsala Theme for Beamer

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May 15, 2008



Outline

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Cool Stuff

Coloured
Boxes

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3 Coloured Boxes

- Alerts and Examples
- Theorems and Definitions
- Other Boxes

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Why

Why use \LaTeX , when there are specialized presentations tools (OpenOffice.org Impress, Keynote, PowerPoint) available?

- Look: The layout of mathematical formulas and program text is much nicer. . . not to speak from ligatures in “ordinary” text
- Reuse of material: Going from a paper to a presentation is easy – just use the same “codebase”
- Portable solution: You can use whichever operating system you like
- Durable solution: usually even very old \LaTeX code can be typeset with modern installations



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Example

$$\text{Hamming}(X, Y) = \sum_{i=1}^n f(x_i, y_i) \quad (1)$$

with $f(x, y)$ defined as follows:

Definition

$$f(x, y) = \begin{cases} 0 & \text{iff } |x - y| \leq \varepsilon_h, \\ 1 & \text{else.} \end{cases} \quad (2)$$



Piecewise Text Modification

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Shown on first slide. Shown on second slide. Shown on first slide.

■ Shown on the second and the third slide.

Shown on all slides.

You get fine-grain control over which elements are visible at each time.



Piecewise Text Modification

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Shown from slide 3 on. Shown on all slides.

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Using TikZ for Drawings

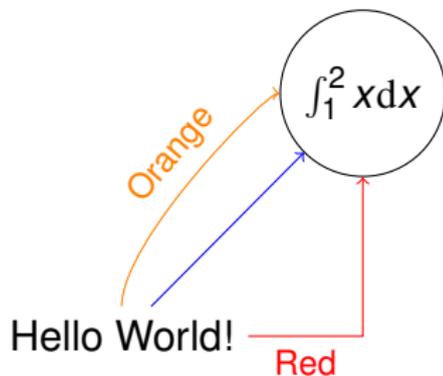
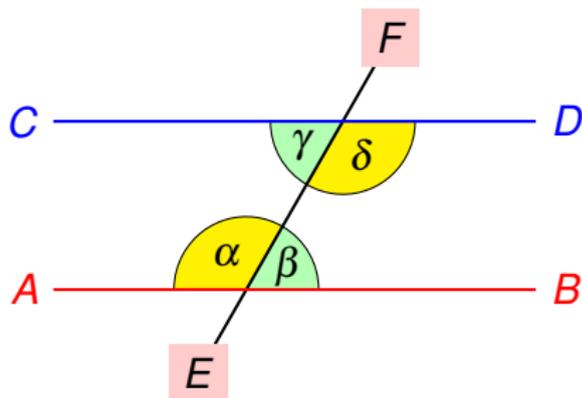
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Using TikZ for Petri-Net

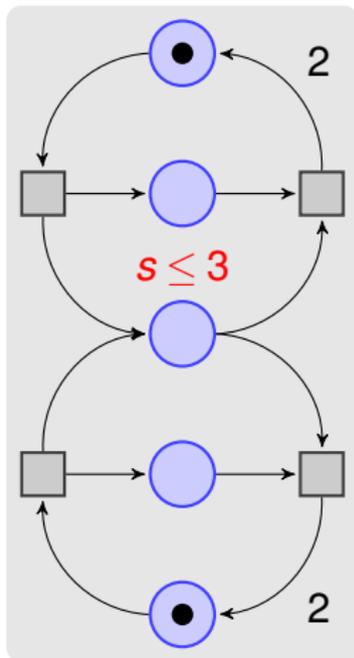
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Cool Stuff

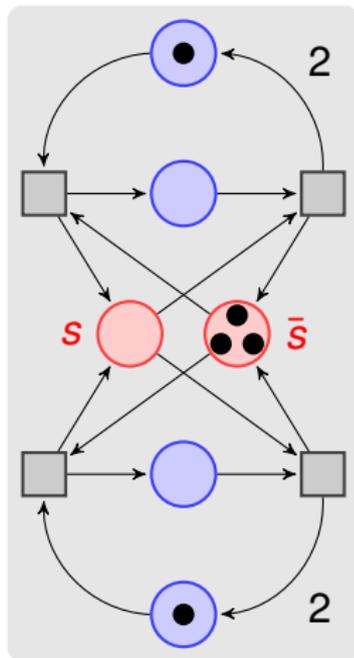
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replacement
of the **capacity**
by **two places**
~~~~~>





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# Alert

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Alert boxes direct the attention of the audience.

Lorem Ipsum

“Lorem ipsum dolor sit amet, consectetur.”

Non eram nescius, Brute, cum, quae summis ingeniis  
exquisitaque doctrina philosophi Graeco sermone  
tractavissent, ea Latinis litteris mandarem, fore ut hic  
noster labor in varias reprehensiones incurreret.  
Nam quibusdam, et iis quidem non admodum indoctis,  
totum hoc displicet philosophari.



# Alert

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## Example block

---

Examples are also highlighted in a different colour, making them less obstrusive.

### Example

“Laoreet dolore magna ali quam erat volutprat.”

You can also use a custom title:

### Comodo consequat

“Ut wisi enim ad mi nim veniam, quis nostrud exerci.”



# Theorem

---

Theorems and definitions come in their own coloured boxes. A theorem:

## Theorem

*“Lorem ipsum dolor sit amet, consectetur.”*

And a definition:

## Definition

“Laoreet dolore magna ali quam erat volutprat.”



# Block

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“UU Red” boxes can also be used for other content you want to highlight.

**Comodo consequat**

“Laoreet dolore magna ali quam erat volutprat.”

You can also create boxes with no header.

“Ut wisi enim ad mi nim veniam, quis nostrud exerci.”



# Beamer colorbox

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Simple colored boxes are the least decorated way to draw attention to certain areas:

“Lorem ipsum dolor sit amet, consectetur.”

Quidam autem non tam id reprehendunt, si remissius agatur, sed tantum studium tamque multam operam ponendam in eo non arbitrantur.

Erunt etiam, et ii quidem eruditi Graecis litteris, contemnentes Latinas, qui se dicant in Graecis legendis operam malle consumere. Postremo aliquos futuros suspicor, qui me ad alias litteras vocent, genus hoc scribendi, etsi sit elegans, personae tamen et dignitatis esse negent.

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# About the title and frame page

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## About the author

```
\author[<short author>]{<long author>}
```

The <short author> appears in the footline (right side)

The <long author> appears in the title page

## Example

```
\author[Fr\'eric Haziza | \emph{daz@it.uu.se}]%  
{Fr\'eric Haziza <\texttt{daz@it.uu.se}>}
```



# About the title and frame page

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## About the institute

```
\institute[<short institute>]{<long institute>}
```

The <short institute> appears in the footline (left side)

The <long instittute> appears in the title page

## Example

```
\institute[Dept. of Information Technology]%  
{  
  Department of Computer Systems\\  
  Uppsala University  
}
```



# About the title and frame page

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## About the date

```
\date[<short date>]{<long date>}
```

The <short date> appears in the bottom of the sidebar  
The <long date> appears in the title page

## Example

```
\date[2007-04-07]{Friday April 4th, 2008}
```



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# Options I

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- **Navigation:** [withnav] use the (horizontal) navigation bar right over the footline
- **Logo:** [mylogo] Will use the supplied `\logo{...}` instead of the Uppsala Logo. Note that it should be the file path
- **Page numbers:** [nonumbers|totalnumber].  
By default includes the number of the current slide in the footline. Use *nonumbers* to suppress it (along with the total number)
- **Section overview:**  
[hideallsubsections|hideothersubsections]



# Options II

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- **Progress Bar:** [nopprogressbar] suppresses the vertical red line on the right side
- For the sidebar layout:
  - [subsectionsttop] Displays the subsections above the title, in grey. Underlines the current one.
  - [sectionpathsttop] Displays <short title> › <section> › <subsection> in grey above the title

## Example (My favorite)

```
\usetheme[hideothersubsections]{Uppsala}
```



# Options – Wish list

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Not yet implemented:

- **Color option:** [red|grey] sets the background colour accordingly
- **Minimal:** [minimal] minimal information, sober
- **Progress bar configuration**
- Add a small white round dot for each section we come across in the progress bar
- Progress bar with the same style as the table of content, using shading

## Note

No guarantees are given of any kind.

$\text{\LaTeX}$  expert... no, I'm not ...so please help!



# Conclusions

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- Non official
- Suited for (long) scientific talks with UU style
- The colours used in this theme are based on “UU red” (and shades)
- The hide[all|other]subsections switch is useful if you are having (too) many (sub-) sections
- Several look & feel options
- Feedback appreciated: [daz@it.uu.se](mailto:daz@it.uu.se)