

# 13x testbench

Examples and testbench for the mm to  $\text{\LaTeX}$ beamer slides  
exporter

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Freeplane

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- 1 Main section
- 2 Backgrounds
- 3 Frame Styles
- 4 Other options

# Old method to insert pictures



# Slide with L<sup>A</sup>T<sub>E</sub>X formulas

- Formulas are now included as Format (L<sup>A</sup>T<sub>E</sub>X)
- $\hat{f}(\xi) = \int_{-\infty}^{\infty} f(x) e^{-2\pi i x \xi} dx$

# Slide block with L<sup>A</sup>T<sub>E</sub>X formula

- Blocks are clouds here

## Theorem environment

$$R_f(\alpha, s) = \int_{-\infty}^{\infty} f((t \sin \alpha + s \cos \alpha), (-t \cos \alpha + s \sin \alpha)) dt \quad (1)$$

# Old method two column

- Images can be scaled through attributes
- This node can contain a text and an image
- Captions are also possible through the "caption" attribute
- "scale", "width" or "height" attributes can be used to resize the image



Freeplane Logo 2014

# Column width can be modified

- "leftcolumnwidth" option moves the balance between both sides



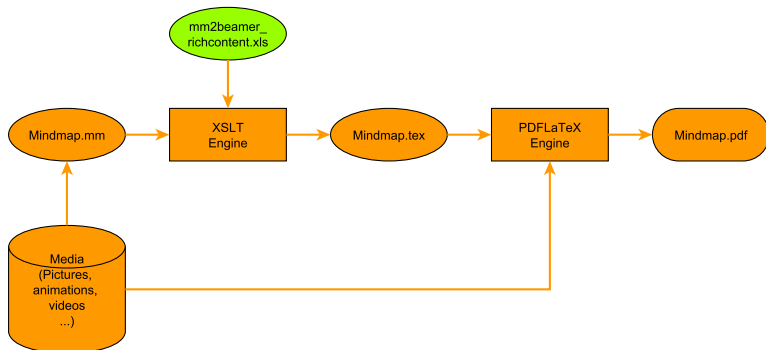
# New method to insert images

- Single element in slide. Picture inserted with "Add image" option





# Vectorial images can be included as embedded pdf files



Only works with Alt+Shift+K option. The "add image" options do not accept pdf format. SVG files cannot be exported

# Pause effects

- Beamer commands such as "pause" can be used

# Pause effects

- Beamer commands such as "pause" can be used
- Second point

# Pause effects

- Beamer commands such as "pause" can be used
- Second point
- Third point

# Blue background

- \* This background is blue

Bullets can be removed or modified by putting "[]" at the beginning of each node

- \* This foreground is white

## 1 This background is blue

Bullets can be removed or modified by putting "[]" at the beginning of each node

This background is blue

Bullets can be removed by putting "[]" at the beginning of each node

# Background image

- Background images can put through the "backgroundpicture" attribute



# Top

- Text at the top of the slide

# Middle

- Text at the middle (default)

# Bottom

- Text at the bottom

# Allowframebreaks I

- Long texts can be adapted to slides through different options
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# Allowframebreaks II

- Long texts can be adapted to slides through different options
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# Allowframebreaks III

- Long texts can be adapted to slides through different options
  - Long texts can be adapted to slides through different options
- Long texts can be adapted to slides through different options

# Shrink

- Long texts can be adapted to slides through different options
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# Animations

- TikZ animations can be added
  - They only work on Adobe Acrobat
  - Adobe Acrobat for Linux does not support videos properly



# Movies

Videos can be embedded with the "movie" latex command (from "multimedia" package): Content must be written in freeplane "notes". Not all PDF visualization programs can render it properly. Example:

```
\movie[autostart, showcontrols, width=\textwidth,  
height= 0.7\textheight , poster = false]  
\includegraphics[height= 0.7\textheight]  
{images/video_icon1.jpg}}{video.mov}
```