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alias JacknJo

Jack's beamer theme

My very first own \LaTeX design

Friedrichshafen
13. Mai 2016



1 Introduction

2 Utilities

3 Graphics



1 Introduction

2 Utilities

3 Graphics



& personal inspiration

Hello all of you!

I'm Jack, 20 years old and student in electrical engineering in Friedrichshafen in Germany. This is my first try to design a own \LaTeX template.

It's advantages are:

- clean structure
- nice & consistent design
- easy to use with a small basic \LaTeX knowledge
- useful additional commands
- export file is .pdf which can be opened nearly anywhere!



1 Introduction

2 Utilities

3 Graphics



Sometimes you need to present a paragraph of text, which looks better justified.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.



One of the most common ways to create slides is to use lots of itemizes.
They are used for:

- better readability
- as short descriptions
 - ▣ for easy points
 - ▣ or difficult
 - topics
 - statements



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- they also can be made visible item by item
- like this!



list of all tasks

Many projects have deadlines and tasks you have to fulfill by a certain date. Presenting them the following way is very easy and leaves a good and professional impression.

task	deadline	state
basic tutorials in creating a beamer template	01.02.03	<input checked="" type="checkbox"/>
starting a own development	01.03.16	<input checked="" type="checkbox"/>
creating a presentation with all the theme's capabilities	03.04.16	<input checked="" type="checkbox"/>
finishing the beamer template	01.06.16	<input type="checkbox"/>

Math environment



presenting formula is very easy in \LaTeX

$$f(x) = \sum_{i=0}^{\infty} \frac{f^{(i)}(x_0)}{i!} (x - x_0)^i$$

$$\frac{\pi^2}{6} = \lim_{n \rightarrow \infty} \sum_{k=1}^n \frac{1}{k^2}$$

Blocks



example, alert and standard

Exampleblock

Inside this box you can place an example or a task for your audience:
What is the square root of 144? $\sqrt{144} =$

Alertblock

There is no real solution to a negative square root!

Block

Use this for any other reason you can imagine!

Comparison



of advantages and disadvantages

This is a example comparison:

Advantages

Disadvantages

Comparison



of advantages and disadvantages

This is a example comparison:

Advantages

- lifetime
- easy handling
- costs

Disadvantages



of advantages and disadvantages

This is a example comparison:

Advantages

- lifetime
- easy handling
- costs

Disadvantages

- weight
- resolution
- integration time

Comparison



of two items

This is a example comparison:

Advantages

lifetime

easy handling

costs

another



Disadvantages

weight

resolution

integration time (also works for
long texts)

...



that get automatically listed in the last frame

The following randomly picked text about the **Day of the Barricades** is from wikipedia and listed in [1]: „In the French Wars of Religion, the Day of the Barricades (in French: Journée des barricades), 12 May 1588, was an outwardly spontaneous public uprising in staunchly Catholic Paris against the moderate [...] “.

„Horse racing is an equestrian performance sport, involving two or more jockeys riding horses over a set distance for competition. It is one of the most ancient of all sports and its basic premise – to identify which of two or more horses is the fastest over a set course or distance – has remained unchanged since the earliest times. “ is a text about **horse racing** provided by [2]



1 Introduction

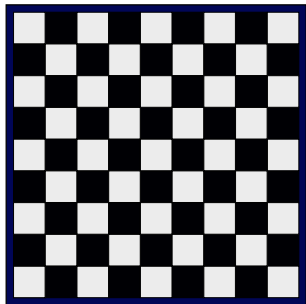
2 Utilities

3 Graphics



stretch a picture to screen size

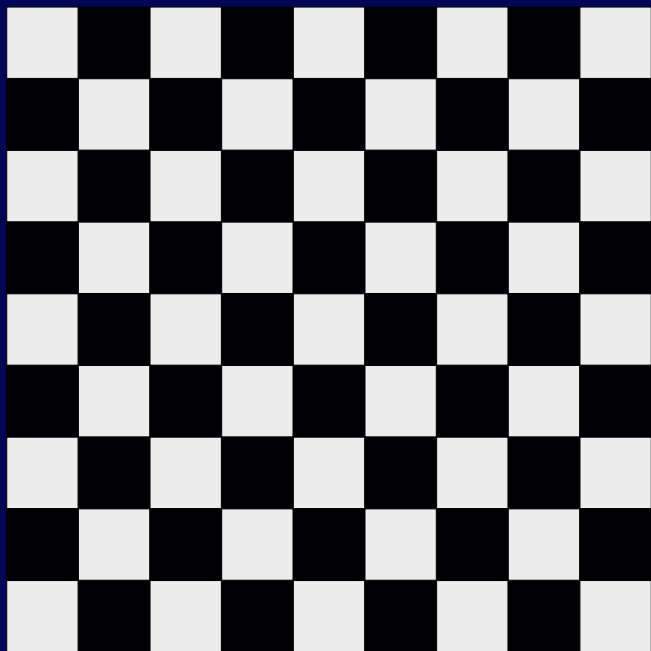
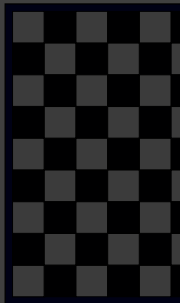
This is actually really usefull if you have a detailed picture and need the space to explain it's content.



Zoom

stretch a picture

This is actually
space to explain



Jack's
Solution

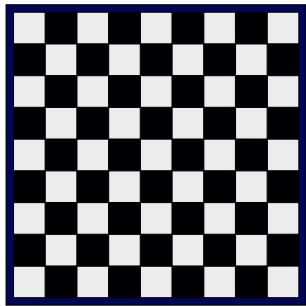


d the



stretch a picture to screen size

This is actually really usefull if you have a detailed picture and need the space to explain it's content.



- Conclusion xyz
- and another more detailed one
 - ▣ with this and
 - ▣ this content
- just edit the counter of the only command



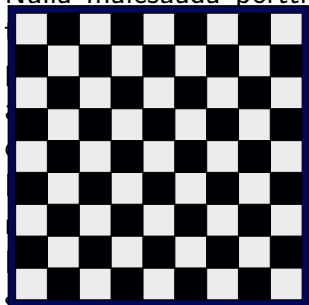
absolute position

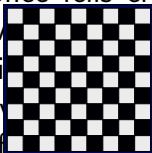
Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.



absolute position

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, Vivamus viverra fermentum felis. Donec nonummy
pellentesque adipiscing semper elit. Proin fermentum massa
pellentesque molestie vitae, placerat a, molestie nec, leo. Mae-
m ligula, eleifend at, accumsan nec, suscipit a, ipsum.
pellentesque magna. Nunc eleifend consequat lorem. Sed lacinia
pellentesque tincidunt purus vel magna. Integer non enim.
pellentesque purus. Donec bibendum quam in tellus. Nullam cur-
pellentesque et mi. Nam vulputate metus eu enim. Vestibulum
pellentesque felis eu massa.

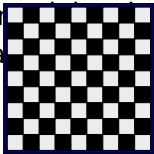
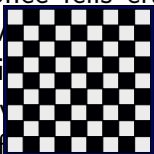
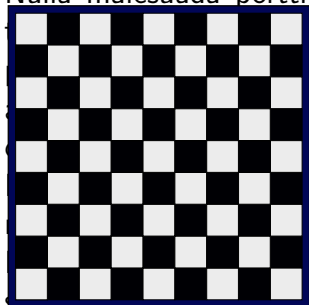






absolute position

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at,
Vivamus vestibulum felis. Donec nonummy
pellentesque adipiscing elit. Proin fermentum massa
quis, molestie vel, erat a, molestie nec, leo. Mae-
culum ligula, eleifend, ipsum nec, suscipit a, ipsum.
giat magna. Nunc eleifend consequat lorem. Sed lacinia
pellentesque tincidunt purus vel magna. Integer non enim.
eu purus. Donec tincidunt quam in tellus. Nullam cur-
sas parvum lectus. Donec et mi. Nam e metus eu enim. Vestibulum
pellentesque felis eu massa.





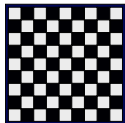
relative position in a tabular

This may be usefull for some iconified graphics.



relative position in a tabular

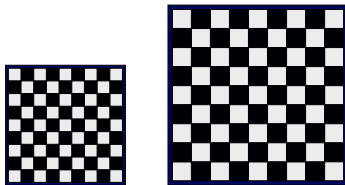
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relative position in a tabular

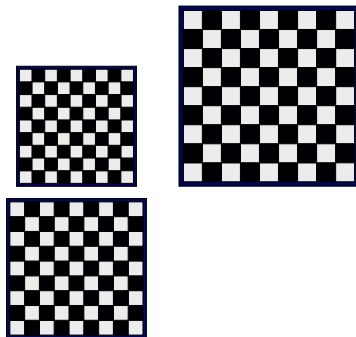
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relative position in a tabular

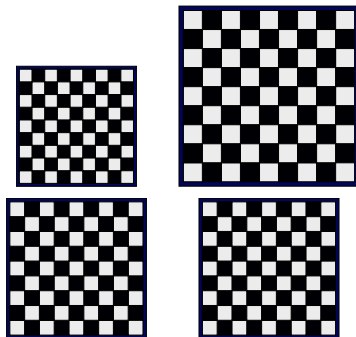
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relative position in a tabular

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Thank you for watching this
presentation.
Have fun creating your own!



- [1] Wikipedia, *Day of the barricades*,
https://en.wikipedia.org/wiki/Day_of_the_Barricades,
[online; from 12.05.2016], 12.05.2016.
- [2] —, *Horse racing*,
https://en.wikipedia.org/wiki/Horse_racing, [online; from
12.05.2016], 12.05.2016.