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Basilisk – Continuous Benchmarking for Triplestores

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Motivation

After the title slide, typically a table of contents is presented. Make it more interesting by firstly introducing the problem you are solving afterwards. That could also be on an own slide. Better than a long text like this is an image or keywords. Almost always.

Contents

Situation and Context
Broad topic

Thesis motivation for topic
Was ist das System, Wozu gut?
use-cases
was ist das Problem?
Original problem description

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DICE

Idea, Overview, Services
Wie funktioniert? Wie Komponenten?

Was musste ich noch alles implementieren? Wieviel mehraufwand.

What was implemented
who implemented

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DICE

Evaluation of Basilisk platform
Wie Evaluation

content...

Create your first slide:

1. Copy all *.sty files into a directory
2. Copy packages.tex into the directory
3. Create a .tex file and add the code listed below
4. Generate your slide using LaTeX

Listing 1: Minimal Example

```
\documentclass{beamer}
\usetheme{claw}
\input{packages.tex}
\begin{document}
\begin{frame} Hello World \end{frame}
\end{document}
```

- You could emphasize important parts
  (Maybe distinguish between problems and solutions)
- Use alert to display **warnings**
- Use the url command (`https://dice-research.org/`) or the href command (DICE) for links
- Highlight "*predefined terms*" like brands and `TechnicalTerms` like software components

Use combinations for other concepts:

- ► Text styles: **bold**, *italic*, <u>underlined</u>, SMALL CAPS
- ► Font families: `monospaced`, sans serif, roman
- ► Text colors: bluedark, gray, magenta, blue, orange, purple, red, turquoise, green
- ► Text sizes: tiny, scriptsize, footnotesize, small, normalsize, large, Large, LARGE, huge, Huge

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DICE

Use these arguments to configure frames:

fragile	Specially interpreted contents, e.g. for listings
plain	No headlines, footlines, sidebars; e.g. for large images
	To also remove background images use:
	{\usebackgroundtemplate{}[...]}
squeeze	Squeezes vertical spaces, e.g. for long contents
shrink	Shrinks frame, e.g. for long contents

Listing 2: Frame Options

```
1 \begin{frame}[fragile]{Code Listings \& Frame
      Arguments}
2   % [...]
3 \end{frame}
```

► Math[1]: $5^2 = 3^2 + 4^2$
► Equations:

$$\sum_{n=1}^{\infty} \frac{1}{n} = 1 + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \dots \tag{1}$$

---

[1]This is a footnote also working in columns

Blocks

This is a Block

- ► This is an item

1. This is enumeration item

This is an Example Block

- ► This is an item

1. This is enumeration item

This is an Alert Block

- ► This is an item

1. This is enumeration item

This is a Block

► This is an item

1. This is enumeration item

This is an Example Block

► This is an item

1. This is enumeration item

This is an Alert Block

► This is an item

1. This is enumeration item

Topic	Content
Generator	Use tools like tablesgenerator.com
Large tables	Try the frame option `[shrink=.8]`
	(center table with `\hspace*{5cm}`)
Large tables	Combine the longtable package and
	the frame option `[allowframebreaks]`
Style	Try the booktabs package

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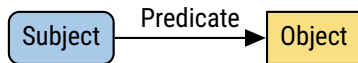
DICE

Questions?

Data Science Group at Paderborn University

Web: dice-research.org
Code: github.com/dice-group
Twitter: @DiceResearch

[1] J. Wright, V. Miletić, and T. Tantau, "beamer – A LaTeX class for producing presentations and slides." https://ctan.org/pkg/beamer.

[2] A. Wilke, "Claw LaTeX Beamer Template." https://github.com/adibaba/templates.

Appendix

Predefined Base Colors

► primarybluedark

► primarybluelight

► primarygraylight

► primarygraydark

► secondarymagenta

► secondaryblue

► secondarygreen

► secondaryorange

► secondarypurple

► activeyellow

► activered

► activeturquoise

► activegreen

► specificblue

- ► textdarkblue
- ► textgray
- ► textmagenta
- ► textblue
- ► textorange
- ► textpurple
- ► textred
- ► textturquoise
- ► textgreen
- ► textbluespecific

- ▶ elementgray
- ▶ elementmagenta
- ▶ elementblue
- ▶ elementorange
- ▶ elementpurple
- ▶ elementyellow
- ▶ elementred
- ▶ elementturquoise
- ▶ elementgreen
- ▶ elementbluespecific

► lightgray
► lightmagenta
► lightblue
► lightorange
► lightpurple
► lightyellow
► lightred
► lightturquoise
► lightgreen
► lightbluespecific

Predefined Background Colors

- ► backgroundgray
- ► backgroundmagenta
- ► backgroundblue
- ► backgroundorange
- ► backgroundpurple
- ► backgroundyellow
- ► backgroundred
- ► backgroundturquoise
- ► backgroundgreen
- ► backgroundbluespecific