

LectureDoc2 Cheat Sheet

Information

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SVGs

SVGs can easily be embedded and animated.

Examples

Vertical Titles

Add the class `vertical-title` to rotate the title and to change the layout of the slide to a column-based layout. To get back to a row based layout add a container with the class `width-100`.

Examples

Slide Tweaks

Slide without Title

To hide the title of a slide assign the class `no-title`.

Vertically Centered Content

Use the class `center-content`.

Examples

Sections and Subsections

Create a slide that marks the beginning of a new section or subsection by adding the class `new-section` or `new-subsection` to the slide.

Exercises and Solutions

Associate the class `exercises` with a slide to indicate that the slide contains an exercise.

Use the directive `... exercise::` to add an exercise. To add a solution use the custom directive `... solution::` inside of an exercise block and specify the password (optional) using the attribute `:pwd::`.

Example (Solution in supplemental information)

```
... exercise:: <title>
```

```
<Description of the exercise.>
```

```
... solution:: <title>
:pwd: 1234
```

```
<Solution>
```

You can configure a master-password using meta information:

```
... meta::
:master-password: <Master-password>
```

Table of Contents

A navigable table of contents can be created using standard `rst` techniques.

Example

Table of Contents

- `Section 1 Title`_
- `Subsection 1.1 Title`_

Footnotes

[#]_ and .. [#]_ create footnotes.

Test\ [#]_

.. [#]_ `test.org`_

Explicit Footers

A container with the class footer-left, footer-right or block-footer.

References

Use standard rst references.

Example

...
Like described in [Eic24]_ ...
...

References

.. [Eic24] LectureDoc2; 2024

Copy to Clipboard

Add copy-to-clipboard to a code block to enable copying code to the clipboard.

Example

.. code:: java
:class: copy-to-clipboard

public static void main(...)

Fade-out Content

Add the class fade-out to a container to whiten the content.

Supplemental Information

Use the directive supplemental for respective information.

Example

.. supplemental::

<Text>

Text Alignment

Control text alignment: text-align-[left|center|right]

Images

Adding a drop-shadow and rounded corners: picture.

Tables

The layout can be adapted using: compact, compact-cells, no-table-borders, no-inner-borders,

no-column-borders, fake-header [-2nd]-row and fake-header [-2nd]-column.

Animation

incremental (and wobble).

highlight-line-on-hover (always usable), highlight-on-hover (explicit column or row headers are not supported) or highlight-identical-cells

Lists

list-with-explanations renders text paragraphs of list items less pronounced.

(As shown here.)

Use impressive to make the list more impressive:

Add negative-list to use "!" for bullet points.

Add positive-list to use "✓" for bullet points.

Example

- Point 1

.. **class**:: negative-list list-with-explanations

- Point 2

Some on-slide explanation.

.. **class**:: positive-list

- Point 3

Decorations

line-above draws a horizontal lines.

box-shadow adds a shadow.

rounded-corners the corners will be rounded.

Example

```
.. container:: margin-top-1em  
    line-above  
    padding-top-1em  
    box-shadow
```

Text

Font Styling

"rem" based relative sizes: xxl, huge, large, small, footnotesize, scriptsize, tiny, x-tiny, xx-tiny

"em" based relative sizes: larger, smaller, far-smaller

Font weight: bold, light, thin

Font family: monospaced, serif

Font style: italic

Slide Transitions

Available slide transitions: transition-move-left, transition-scale, transition-fade, transition-move-to-top

Example

```
.. class:: transition-move-left
```

<Slide Title>

Revealing Slide Content

All elements with the class `incremental` are revealed incrementally.

Example

```
... class:: incremental  
- Item 1 - Part 1  
:incremental:Item 1 - Part 2  
- Item 2
```

Column-based Layouts

Use two-columns and three-columns for respective layouts.

Example

```
... container:: two-columns  
  ... container:: column no-separator  
    <Column 1>  
  ... container:: column  
    <Column 2>
```

Add `no-default-width` to the root container for content based column widths. Use class `no-separator` on the left column to remove the separator.

Stacked Layouts

Stacked layouts are based on nested layers. Each layer - except of the first one - needs to have the class `incremental` and/or the class `overlay` for transparent layers. (Up to 10 layers are supported.) To turn off the numbering of opaque layers use `.no-number`.

Images in Stacked Layouts

To avoid that a parent element of a floating element is collapsed add the class `clearfix` to the parent element; i. e., when a layer just contains a floating image.

Example

```
... deck::  
  ... card:: clearfix  
    ... image:: <p1.svg>  
      :align: left  
    ... card:: overlay  
      ... image:: <p2.svg>  
    ... card:: warning  
      <Content>
```

Semantic-based Text Markup

`peripheral`: for less important text. `obsolete`: for obsolete statements. `ger`: to markup German Words.
`eng`: to markup English words.

Box sizes

Use `width-100%` and `width-75%` to control the width of a container.

Colors (roles)

Font Colors

`red`, `gray`, `light-gray`, `blue`, `green`, `orange`, `black`, `shiny-green`, `shiny-red`, `dark-red`

Background Colors

`red-background`, `dhw-gray-background`, `dhw-light-gray-background`, `white-background`,
`blue-background`, `light-green-background`, `green-background`, `yellow-background`

Example

```
:dhw-red: Red Text.
```

Fine-grained Control (Try to avoid!)

```
margin-none, margin-0-5em, margin-1em, margin-top-1em, margin-top-2em, margin-bottom-1em,  
margin-bottom-2em, margin-right-1em, margin-left-1em, padding-none, padding-0-5em,  
padding-1em, padding-top-1em, padding-top-2em
```

Hiding slides (⚠ rst2ld only)

Use `hide-slide` to exempt it from slide generation.

Example

```
... class:: hide-slide
```

```
<Hidden Slide >
```

Configuration

LectureDoc meta information:

`id` The unique identifier for the slide set. Required to store the current state of the presentation.

`slide-dimensions` the slides dimension (default: "1920x1200").

`first-slide` Determines the first slide that is shown (e.g., <Slide Number> or "last-viewed").

Example

```
... meta::  
:id: <unique id>  
:slide-dimensions: 2560x1440  
:first-slide: last-viewed
```

Cheat Sheets with LD²

A cheat-sheet is a slide with the class `cheat-sheet-8-columns`.

Template

```
... class:: cheat-sheet-8-columns
```

```
<Title>
```

```
-----
```

```
... container:: cheat-sheet-block
```

```
... rubric:: <TOPIC>
```

```
... rubric:: <SUB-TOPIC>
```

Useful Role and Substitution Definitions

Template

```
... role:: incremental
... role:: eng
... role:: ger
... role:: peripheral
... role:: obsolete
... role:: red
... role:: gray
... role:: light-gray
... role:: blue
... role:: green
... role:: orange
... role:: shiny-green
... role:: shiny-red
... role:: dark-red
... role:: black

... role:: raw-html(raw)
:format: html
```

Links

[DocUtils \(rst reStructuredText\)](#)

[Example Slide Sets](#)

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