

LectureDoc2 Cheat Sheet

Information

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Admonitions

Standard reStructuredText admonitions: `attention`, `caution`, `danger`, `error`, `hint`, `important`, `note`, `tip` and `warning`

LectureDoc2 specific admonitions: `background`, `definition`, `proof`, `theorem`, `lemma`, `conclusion`, `observation`, `remark`, `summary`, `legend`, `repetition`, `question`, `answer`, `remember`, `deprecated`, `assessment`, and `example`.

Generic Admonition with Custom Title
This is a generic admonition.

▲ Attention!
This is an attention admonition.

Caution!
This is a caution admonition.

∅ !DANGER!
This is a danger admonition.

Error
This is an error admonition.

⌘ Hint
This is a hint admonition.

!! Important
This is an important admonition.

💡 Tip
This is a tip admonition.

⚠ Warning
This is a warning admonition.

▀ Background
This is a background admonition.

▀ Definition
This is a definition admonition.

▀ Proof
This is a proof admonition.

▀ Theorem
This is a theorem admonition.

▀ Lemma
This is a lemma admonition.

⋮ Conclusion
This is a conclusion admonition.

⌚ Observation
This is an observation admonition.

✳ Remark
This is a remark admonition.

💡 Example
This is an example admonition.

▀ Summary
This is a summary admonition.

⌚ Legend
This is a legend admonition.

⌚ Repetition
This is a repetition admonition.

❓ Question
This is a question admonition.

✓ Answer
This is an answer admonition.

★ Remember
This is a remember admonition.

Deprecated
This is a deprecated admonition.

⚑ Assessment
This is an assessment admonition.

Support for Notes

Text above the note.

Notes are floated to the right w.r.t. the content that follows the note.

⌚ Note
This is a note.

💡 Tip
This tip is shown below the **note** because the class `clear-float` is used to *clear the float* of the note.

▀ Example
1 ... **note**::
2 This is a note.
3
4 ... **tip**::
5 :class: clear-both
6
7 This tip is shown ...

SVGs

SVGs can easily be embedded and animated.

Example

```
<svg>  
</svg>
```

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`.

```
... class:: vertical-title
```

```
<Slide Title>
```

```
... container:: width-100
```

```
<Row based content layout.>
```

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`.

```
... class:: center-content  
      no-title
```

```
Hidden on the slide!
```

```
<Slide Content>
```

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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