

# Diatypst

**easy slides in typst**

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# 1 About *diatypst*

# General



*diatypst* is a simple slide generator for *typst*.

Features:

- easy delimiter for slides and sections (just use headings)
- sensible styling
- dot counter in upper right corner (like LaTeX beamer)
- adjustable color-theme
- default show rules for terms, code, lists, ... that match color-theme

This short presentation is a showcase of the features and options of *diatypst*.

# Usage



To start a presentation, initialize it in your typst document:

```
#import "@preview/diatypst:0.9.0": *
#show: slides.with(
  title: "Diatypst", // Required
  subtitle: "easy slides in typst",
  date: "01.07.2024",
  authors: ("John Doe"),
)
...
```

Then, insert your content.

- Level-one headings corresponds to new sections.
- Level-two headings corresponds to new slides.

# Options



To start a presentation, only the title key is needed, all else is optional!

Basic Content Options:

Keyword	Description	Default
<i>title</i>	Title of your Presentation, visible also in footer	<code>none</code> (required!)
<i>subtitle</i>	Subtitle, also visible in footer	<code>none</code>
<i>date</i>	a normal string presenting your date	<code>none</code>
<i>authors</i>	either string or array of strings	<code>none</code>
<i>footer-title</i>	custom text in the footer title (left)	same as <code>title</code>
<i>footer-subtitle</i>	custom text in the footer subtitle (right)	same as <code>subtitle</code>

## Options (ii)



### Advanced Styling Options:

Keyword	Description	Default
<i>layout</i>	one of <i>small</i> , <i>medium</i> , <i>large</i> , adjusts sizing of the elements on the slides	<code>"medium"</code>
<i>ratio</i>	aspect ratio of the slides, e.g., 16/9	<code>4/3</code>
<i>title-color</i>	Color to base the Elements of the Presentation on	<code>blue.darken(50%)</code>
<i>bg-color</i>	Background color of the slides, can be any color	<code>white</code>
<i>count</i>	one of <i>dot</i> , <i>number</i> , <i>none</i> , adjusts the style of page counter in the right corner	<code>"dot"</code>
<i>footer</i>	whether to display the footer at the bottom	<code>true</code>

## Options (iii)



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<i>toc</i>	whether to display the table of contents	<code>true</code>
<i>theme</i>	one of <i>normal</i> , <i>full</i> , adjusts the theme of the slide	<code>"normal"</code>
<i>first-slide</i>	whether to include the default title slide	<code>true</code>

---

The full theme adds more styling to the slides, similar to a full LaTeX beamer theme.



## 2 Default Styling in diatypst

# Terms, Code, Lists



*diatypst* defines some default styling for elements, e.g Terms created with  
`/ Term: Definition` will look like this

**Term**

Definition

A code block like this

```
// Example Code  
print("Hello World!")
```

Lists have their marker respect the `title-color`

- A
  - AAA
  - B
- 1. AAA
- 2. BBB
- 3. CCC

# Tables and Quotes



Look at this styled table

Header	Header	Header
Cell	Cell	Cell
Cell	Cell	Cell

compared to an original one

Header	Header	Header
Cell	Cell	Cell
Cell	Cell	Cell

And here comes a quote

This is a quote

— Plato

And finally, web links are styled like this: [typst.app](https://typst.app)

# Links to other slides



Similar to beamer, you can link to headings on other slides, useful for appendices etc.

For example, this links to the [preceding slide](#) or this to the last slide: [Inspiration](#)

It uses the reference syntax of typst, for a detailed explanation see the [diatypst guides](#).

## **3 Additional**

## More Info



For more information, visit the [diatypst repository](#). The package is also available on the [typst universe](#).

For Issues and Feature Requests, please use the GitHub Repo.

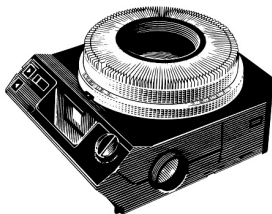
To find the source code for this presentation, visit the [example folder on GitHub](#). An minimal template can also be [found here](#)

# Inspiration

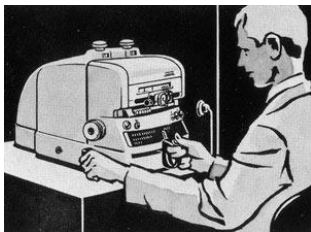


this template is inspired by [slydst](#), and takes part of the code from it. If you want simpler slides, look here!

The word *diatypst* is inspired by



the ease of use of a [Diaprojektor](#)  
(German for Slide Projector)



and the [Diatype](#) (60s typesetting machine)