(Unofficial) Sorbonne Template: Complete Guide

Demonstration of all features and components

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SORBONNE UNIVERSITÉ

SOMMAIRE

1

Basic Components & Layout

The `#slide()` function is the core component. It supports standard Typst content.

1. **First item**
2. **Second item**
   - Sub-item

Three functions to prioritize information:

- **Alert**: For **critical** information.
- **Muted**: For secondary information.
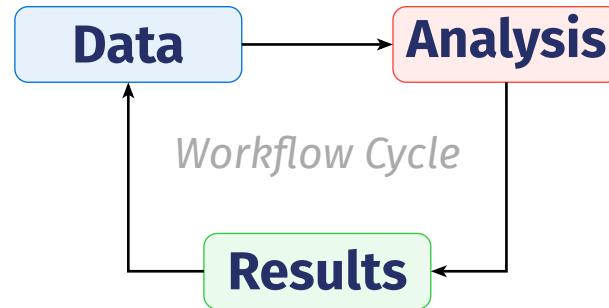- **Subtle**: For tertiary information.

Figure 1: A polished diagram generated directly in Typst.

MULTI-COLUMN LAYOUTS

The template provides dedicated functions for balanced layouts:

- `two-col(left, right, ..)` and `three-col(left, center, right, ..)`
- **Parameters**:
  - ‣ `columns`: Array of widths (e.g., `(1fr, 2fr)`). Defaults to equal widths.
  - ‣ `gutter`: Spacing between columns (default: `2em`).

Two-col: Default equal width. Lorem ipsum dolor sit amet.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Custom width: Using `columns: (1fr, 2fr)`.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Three-col   Equal width   distribution

Grid-2x2   Top Right

Bottom Left   Bottom Right

When a slide contains too much content (like a long list or a bibliography), you can use `allow-slide-breaks: true`.

- Content flows naturally to the next physical slide.
- Headers and footers are automatically repeated.
- A suffix (default: " (cont.)") is added to the title from the 2nd page.

Long List Example:
1. Item number 1
2. Item number 2
3. Item number 3
4. Item number 4
5. Item number 5

6. Item number 6
7. Item number 7
8. Item number 8
9. Item number 9
10. Item number 10
11. Item number 11
12. Item number 12
13. Item number 13
14. Item number 14
15. Item number 15

You can also force a break manually using `#slide-break()`.

- This is the first part of the slide.
- Useful for logically separating long content.

- This is the second part, after a manual break.
- The title is automatically suffixed with "(cont.)".

This slide has no manual `title` parameter.

Because `auto-title` is `true` (default), it automatically uses the name of the current section ("Basic Components & Layout") as the title, while displaying the provided `subtitle` below it.

You can add a background to any slide using the `background` parameter.

In this example, we use the university logo with a semi-transparent white overlay to ensure content readability.

2
Boxes & Blocks

Highlight Box

Key points using theme blue.

Alert Box

Warnings using theme red.

Example Box

Examples using green.

Algorithm Box

```
1: Step 1: Initialize
2: Step 2: Process
```

Themed Block

Adapts to the chosen faculty color.

3
Citations & References

Inline citations like (Smith, 2023) or (Einstein, 1905) are highlighted.

Jane Doe (2024)

You can also use corner boxes:

Note: The citation style can be customized via the `bib-style` *parameter (default: "apa").*

(Smith, 2023)

The bibliography is standard and should be placed in a `#slide()`.

Doe, J. (2024). *The Art of Presentations*. Sorbonne Press.

Einstein, A. (1905). Does the Inertia of a Body Depend Upon Its Energy Content?. *Annalen Der Physik*, *18*, 639–641.

Gauss, C. F. (1809). *Theoria motus corporum coelestium in sectionibus conicis solem ambientium*. Perthes et Besser.

Smith, J. (2023). Improvements in Typst Templates. *Journal of Typesetting*.

4
Special Slide Types

This is a #focus-slide for impactful messages.

Figure 2: A centered caption

Prof. Smith   Supervisor

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$$f(x) = \frac{1}{\sigma\sqrt{2\pi}} \exp\left(-\frac{1}{2}\left(\frac{x-\mu}{\sigma}\right)^2\right)$$

— Gaussian Distribution

μ Mean of the distribution

σ Standard deviation

5
Dynamic Features

The `presentate` package allows for step-by-step reveals:

- Point 1: Always visible.
-
-

The `presentate` package allows for step-by-step reveals:

- Point 1: Always visible.
- Point 2: Appears after a click.
-

The `presentate` package allows for step-by-step reveals:

- Point 1: Always visible.
- Point 2: Appears after a click.
- Point 3: Final point.

You can control exactly which subslide an element appears on:

Step 1 content.

You can control exactly which subslide an element appears on:

Visible from step 2.   Step 2 content.

You can control exactly which subslide an element appears on:

Visible from step 2.   Step 3 content.
Visible only at step 3.

You can control exactly which subslide an element appears on:

Visible from step 2.   Step 3 content.
Visible only at step 3.

Important Limitation

Dynamic animations are **incompatible** with the `allow-slide-breaks: true` option.

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TEMPLATE CONFIGURATION

Using Appendices

- Call `#appendix()` to start.
- Resets heading counters.
- Displays a focus slide using `annex-main-title`.
- Changes numbering style to `annex-title` + `annex-numbering-format`.

Mapping Logic

- `mapping` defines roles for levels:
- `(section: 1)`: Level 1 is a section.
- `(part: 1, section: 2)`: Level 1 is a Part, Level 2 is a Section.
- Transition slides and breadcrumbs adapt to these roles.

Identification & Date

- `title`, `short-title`, `subtitle`.
- `author`, `short-author`, `affiliation`.
- `date`: Defaults to today.

Visual Identity

- `faculty`: `"univ"` (default), `"sante"`, `"sciences"`, `"lettres"`.
- `primary-color` / `alert-color`: Manual hex/rgb overrides.
- `logo-slide` / `logo-transition`: Image paths.

Typography & Global

- `text-font` / `text-size`: e.g., `"Fira Sans"`, `20pt`.
- `aspect-ratio`: `"16-9"` or `"4-3"`.

Outline (TOC)

- `show-outline`: Toggle summary slide.
- `outline-title`: Title of the TOC.
- `outline-depth`: Levels shown in TOC.
- `outline-columns`: Number of columns for TOC.

Header & Numbering

- `show-header-numbering`: Toggle all numbers.
- `numbering-format`: For sections (e.g., `"1.1"`).
- `part-numbering-format`: For parts (e.g., `"I"`).

Navigation & Appendix

- `mapping`: Dict of roles (part/section/subsection) vs levels.
- `auto-title`: Boolean. If true, slides without a title use the section name.
- `transitions`: Dictionary for `navigator` roadmap customization.
- `bib-style`: Bibliography style (default: `"apa"`).
- `annex-title`: Prefix for single appendix (e.g., `"Appendix"`).
- `annex-main-title`: Focus slide text (e.g., `"Technical Annexes"`).
- `annex-numbering-format`: Numbering style (e.g., `"A"`, `"I"`, `"1"`).
- `progress-bar`: Position of the bar (`"none"`, `"top"`, `"bottom"`).
- `slide-break-suffix`: Suffix for broken slides (default: `" (cont.)"`).
- `footer-author` / `footer-title`: Boolean toggles for footer info.
- `max-length`: (`int` or `dict`) Truncate breadcrumb titles. Ex: `20` or (`section: 10, subsection: 20`).
- `dark-mode`: Boolean. Enable dark theme for content slides.

The template includes a built-in dark mode for content slides.

- **Usage**: Set `dark-mode: true` in the `template` configuration.
- **Behavior**: Automatically switches background to dark and adjusts text/box colors for optimal contrast.
- **Institutional Identity**: Remains compatible with all faculty presets.

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Thanks for watching!

Questions?

email@example.com   github.com/username