simpleSnT

A template to create Show and Tell slides

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22 July 2025

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Prerequisites

Typst

You are expected to use Typst 0.13.0 or later.

You can use this template on the web app[1] or your local environment[2].

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[1] https://typst.app
[2] https://github.com/typst/typst

Fonts

The following Korean fonts are required outside of the fonts included in the Typst distribution:

- KoPubWorldDotum_Pro[3]

- JetBrainsMonoHangul NF Mono[4]

If you set the `set-hangul` parameter to `false`,
the template will not load custom Korean fonts.

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[3] https://github.com/adrinerDP/font-kopubworld

[4] https://github.com/Jhyub/JetBrainsMonoHangul

1. Import and configure the template at the top of `main.typ`:

```
#import "@preview/polylux:0.4.0": *

#import "simplesnt.typ": (
  slide, title-slide, new-section-slide,
  focus-slide, setup,
)

#show: setup.with(
  aspect-ratio: "16-9", // or "4-3"
  set-hangul: true,     // or false
)
```

2. Then, compile it with `simplesnt.typ` file.
   If you are in a local environment, run:

```
typst c main.typ
```

(Opinionated) Examples

Backus-Naur Forms

Use `simplebnf`, e.g.,

```
#import "@preview/simplebnf:0.1.1": *
```

$$
\text{Expression}\quad e \quad ::= \quad
\begin{array}{ll}
n & \text{number} \\
\mid\; x & \text{variable} \\
\mid\; \lambda x.e & \text{abstraction} \\
\mid\; e\,e & \text{application}
\end{array}
$$

Inference Rules

Use curryst, e.g.,

```
#import "@preview/curryst:0.5.1": rule, prooftree
```

$$\boxed{\sigma \vdash e \Downarrow v}$$

$$\frac{}{\sigma \vdash n \Downarrow n}\text{Int} \qquad \frac{x \in \text{dom } \sigma}{\sigma \vdash x \Downarrow \sigma(x)}\text{Var} \qquad \frac{}{\sigma \vdash \lambda x.e \Downarrow \langle \lambda x.e, \sigma \rangle}\text{Func}$$

$$\frac{\sigma \vdash e_1 \Downarrow \langle \lambda x.e, \sigma' \rangle \quad \sigma \vdash e_2 \Downarrow v_2 \quad \sigma'\{x \mapsto v_2\} \vdash e \Downarrow v'}{\sigma \vdash e_1 \ e_2 \Downarrow v'}\text{App}$$

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