



# simpleSnT

A template to create Show and Tell slides

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# Prerequisites

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You are expected to use Typst whose version is 0.13.0 or later.

You can use this template on the web app<sup>1</sup> or your local environment<sup>2</sup>.

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<sup>1</sup><https://typst.app>

<sup>2</sup><https://github.com/typst/typst>

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

- KoPubWorldDotum\_Pro
- JetBrainsMonoHanguᄡ NF Mono

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

# Usage

If you are in your local Typst,  
just compile with `metropolis.typ` and `lib.typ` file:

```
typst c main.typ
```

## **(Opinionated) Examples**

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# Backus-Naur Forms

Use `simplebnf`, e.g.,

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

Expression $e$	$::=$	$n$	number
		$ $ $x$	variable
		$ $ $\lambda x.e$	abstraction
		$ $ $e\ e$	application



# Inference Rules

Use curryst, e.g.,

```
#import "@preview/curryst:0.5.1": *
```

$$\sigma \vdash e \Downarrow v$$

$$\begin{array}{c} \text{INT} \\ \hline \sigma \vdash n \Downarrow n \end{array} \quad \begin{array}{c} \text{VAR} \\ x \in \text{dom } \sigma \\ \hline \sigma \vdash x \Downarrow \sigma(x) \end{array} \quad \begin{array}{c} \text{FUNC} \\ \hline \sigma \vdash \lambda x.e \Downarrow \langle \lambda x.e, \sigma \rangle \end{array}$$
  
$$\frac{\text{APP} \quad \sigma \vdash e_1 \Downarrow \langle \lambda x.e, \sigma' \rangle \quad \sigma \vdash e_2 \Downarrow v_2 \quad \sigma' \{x \mapsto v_2\} \vdash e \Downarrow v'}{\sigma \vdash e_1 e_2 \Downarrow v'}$$

**End of Document**