

How to give a talk?

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2019

Example: Final Preparation of a Slide

MathML vs. TPTP: Logical Similarities

If we abstract from

- ▶ concrete syntax
- ▶ intended purpose
- ▶ user community
- ▶ tool support

the languages are quite similar:

MathML

- ▶ MathML objects: constants, variables, application, arbitrary binding
- ▶ all operators introduced/specified in content dictionaries

TPTP (since expansion towards higher-order logic)

- ▶ TPTP formulas: constants, variables, application, built-in binders $\forall \exists \lambda \Pi \Sigma$
- ▶ logic-related operators built-in, specified in various language references no fixed type systems, no fixed calculus
- ▶ other operators introduced/specified in TPTP files

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- ▶ **built-in logic-related operators**
 - ▶ semantics left open **no fixed type systems, no fixed calculus**
 - ▶ specified in various language references **fof, tff, thf, thf1, ...**

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