Syntactic Sugar - Today

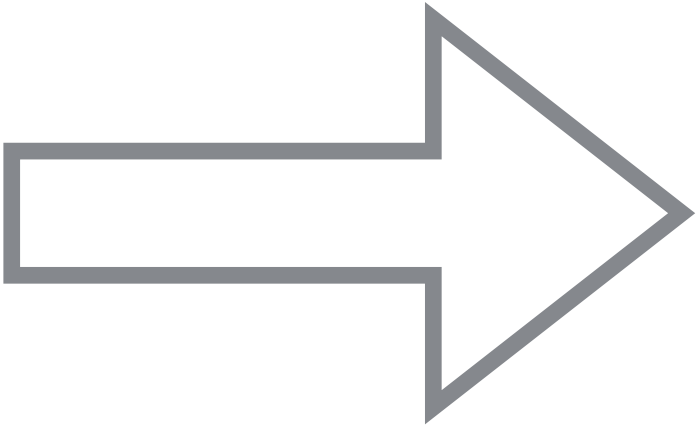
Syntactic sugars allow the programmer to write *sweeter* code. In Scala `{_ * 2 + _}` is equivalent to `{(x,y) => x * 2 + y}`

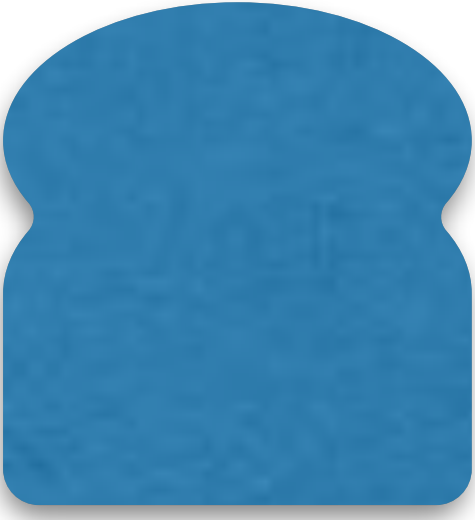
These sugars apply in special patterns, small changes to the code require switching syntaxes

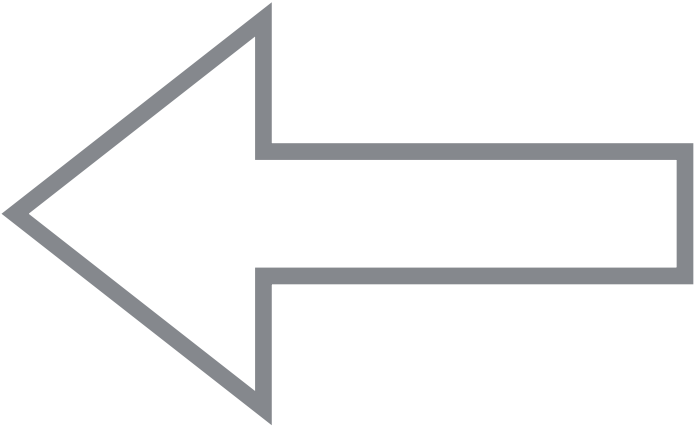
Projectional Syntactic Sugar

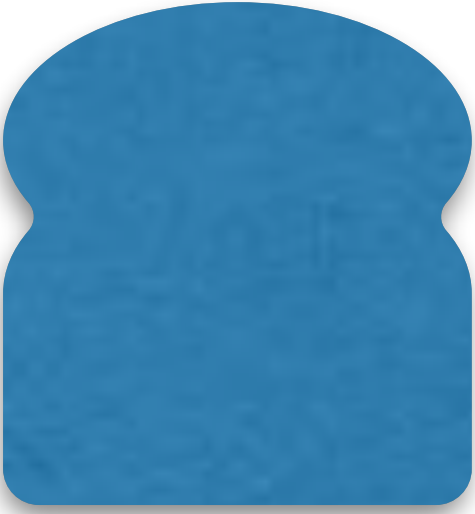
Code is presented sugared when it matches patterns

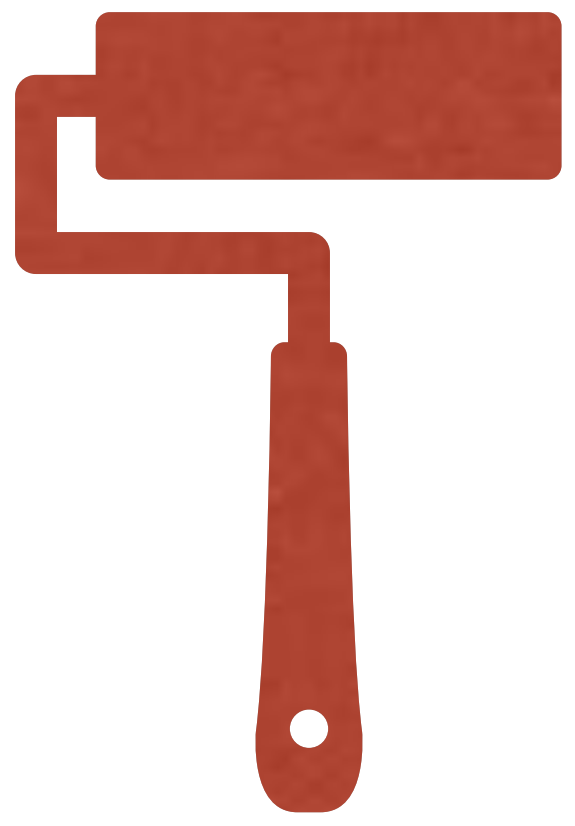
- Automatic reformatting of code
- Consistent style, less spurious choices







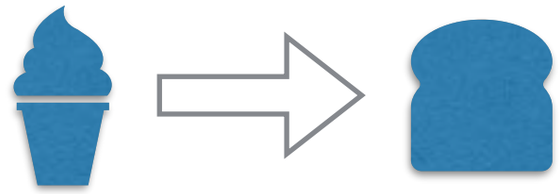




Talk Outline

- ✓ Text vs AST based programming
- What's Lamdu
- Evaluation in Lamdu
- Type Mismatches & Blame Assignment
- Automatic Sugaring and Layout

Syntactic Sugar - Today



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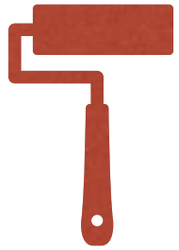

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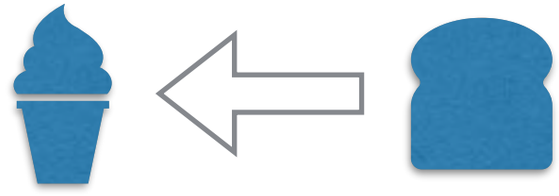

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