

Syntactic Sugar - Today

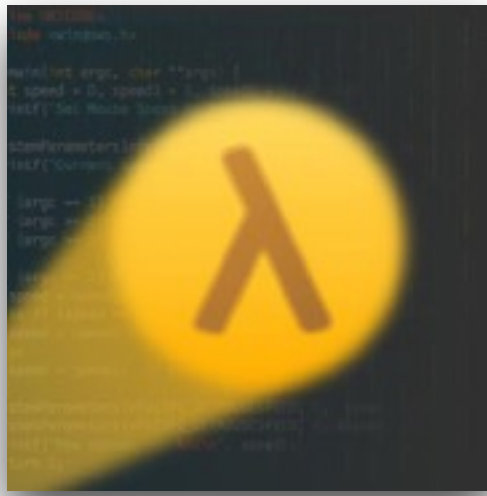
Syntactic sugars allow the programmer to write *sweeter* code. In Scala $\{ _ * 2 + _ \}$ is equivalent to $\{ (x, y) \Rightarrow x * 2 + y \}$

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



Lamdu is a new IDE and programming language based on these ideas.
It stores and edits ASTs via an intuitive WYTIWYS interface.

WYTIWYS

adjective



An acronym for “What You Type Is What You See”.
Denoting a keyboard based authoring system where the document displayed on screen visually matches the sequence of keys typed to create it.