Problem First, Notation Second

- Fit the *notation* to the *problem*

  - Don't fit the problem to the notation (e.g. most PLs)

DSL

- DSL is usually a programming language tuned for a specific technology

- costly to implement

  - due to syntax tools

    - use PEG

  - due to semantic tools

    - need "libraries" to perform type checking

    - use Toolbox Languages instead of libraries