Domain-specific languages

- **Goal**: increase productivity and quality in software construction.

- **Challenges**:
  - Distance between code and problem domain
  - Tangling and scattering
  - Repetitive boilerplate
  - No reuse of design knowledge

- **Domain-specific languages**:
  - Notation close to problem domain
  - Economy of expression
  - Domain-specific optimization and checking
  - Reuse through program generators

www.rascal-mpl.org