Notations, Not Languages

- *Notation* is a lightweight DSL

- Programming Language: heavyweight, high cost to build

- DSL: heavyweight, high cost to build

- Specialize Notation to Problem Space *only*

  - avoid generalizing

- YAGNI - You Aren't Going to Need It

Fail Fast

- divide problem, choose greatest risk, greatest unknown

- experiment with / implement unknown

- if unknown becomes known, defer it and choose next greatest risk (which is, now, the greatest risk)

- if unknown is "impossible", then fail and backtrack

  - redefine the problem / solution

- Testing cannot prove that a device works, but testing can prove that a device does not meet its specifications