Inputs & End Users: So what?

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Questions Discussed

• Can model execution substitute code generation?
• What is the right balance between modeling and programming?
• Code of modeling and return of modeling effort?
• How to involve end-users more into the language engineering process?
• How do we simplify the modeling process
  ‒ More efficient, more effective, less overhead
• Modeling vs. Programming?
• Executable models?
  ‒ Simulation vs. code generation then execution
• Engaging end-users
  ‒ GUI → model
• Models for an end-user can utilize in a standard model
Modeling vs. Programming
• People who build languages and persons who build models using the language
• Domain experts should not be creating the languages
• Leads to a problem when you have systems that use both models and code.
• Why are we having separate modeling and PL conferences
• Auto-layouts ($28,000)

• Can we go from a very abstract model to an executable model through transformations?
  • Yes, what can't you? (Markus V.)

Effectiveness vs. Efficiency
• When you expand horizontally vs. increasing level of abstraction
• Making an extensible language

Modeling Effort
• Measuring a modeling task as a set actions where each action has a think time associated with it