



Variability Support for Variability-Rich Software Ecosystems

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Contact Profile

- **Interests:**
 - Ecosystems / Large-Scale PLE
 - DSPL(Meta-Variability in General)
- **Objectives / Looking for**
 - Inputs / Challenges (wrt. current status of work)
 - Disseminate ideas / concepts in EASy-Producer
 - Success Criteria:
 - Amount of Ideas / Questions
 - New Contacts

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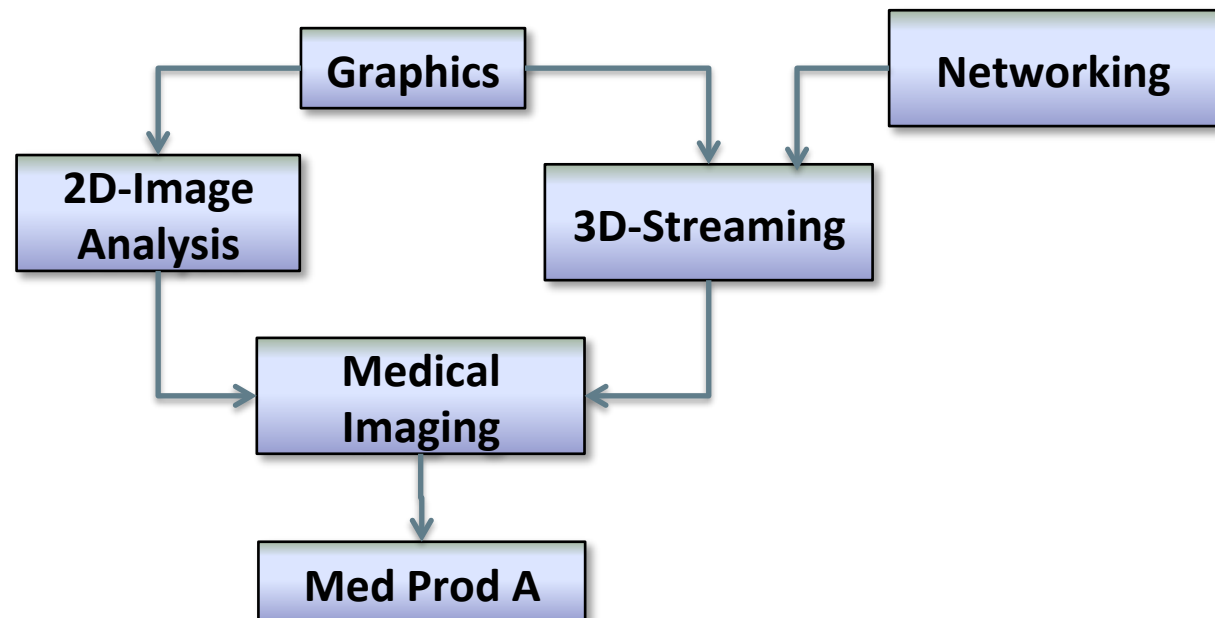
Product Line

- **Solution papers:** *what is it good for..*
- **EASy-Producer** provides support for
 - Large-Scale product lines
 - Hierarchical PLE, Multistage Derivation, Composition of Product Lines
 - Individual Governance of Infrastructure and Derived Instance (Ecosystems)
 - Arbitrary sets of individual instantiators (no prescription of derivation techniques)

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The Problem

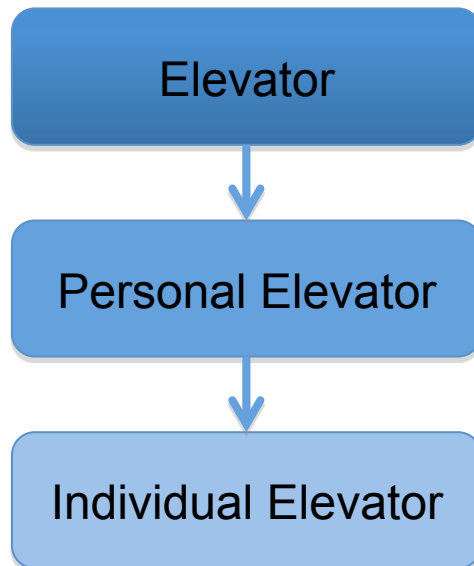
- Networks of product lines in a complex organisation



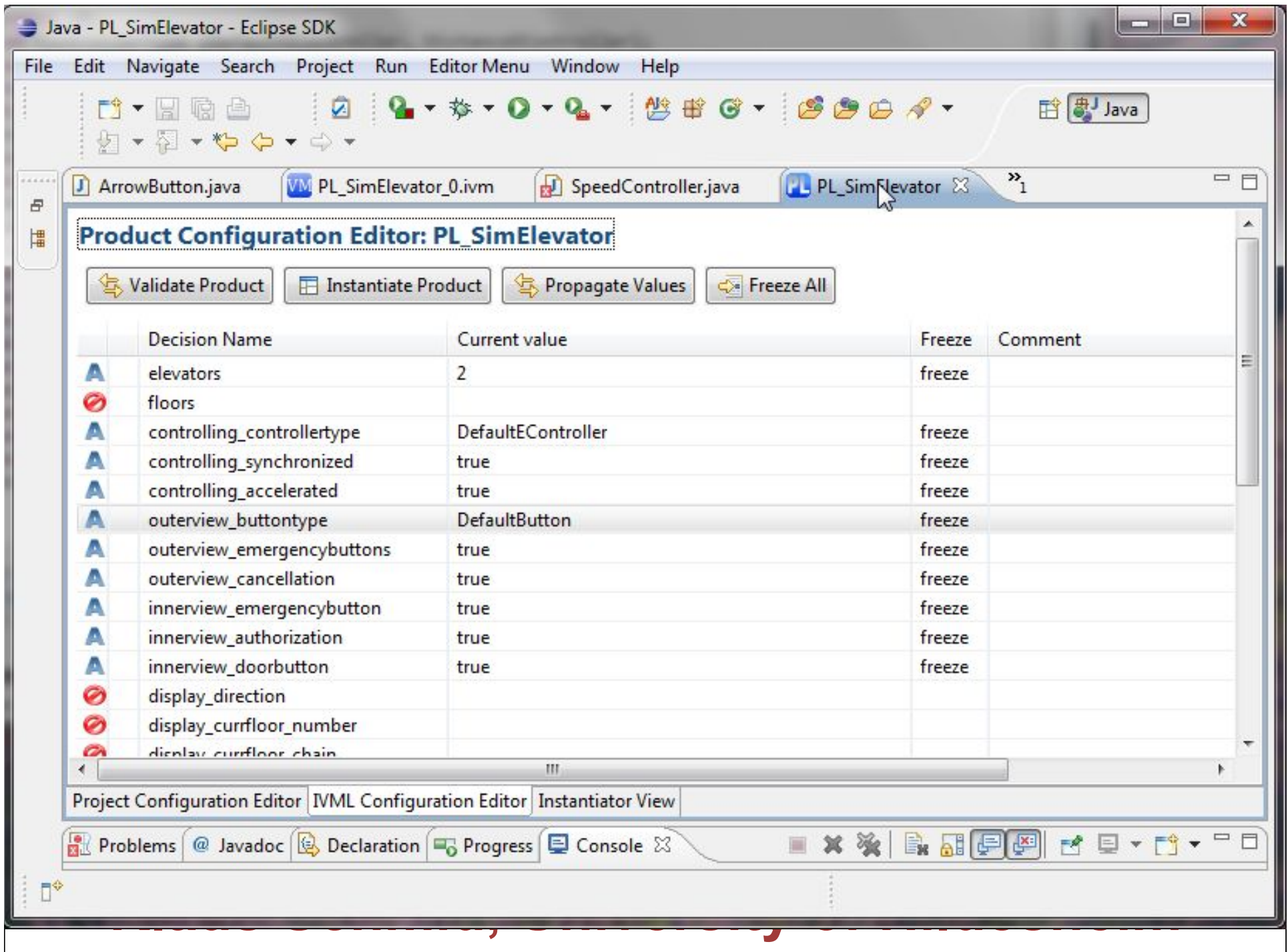
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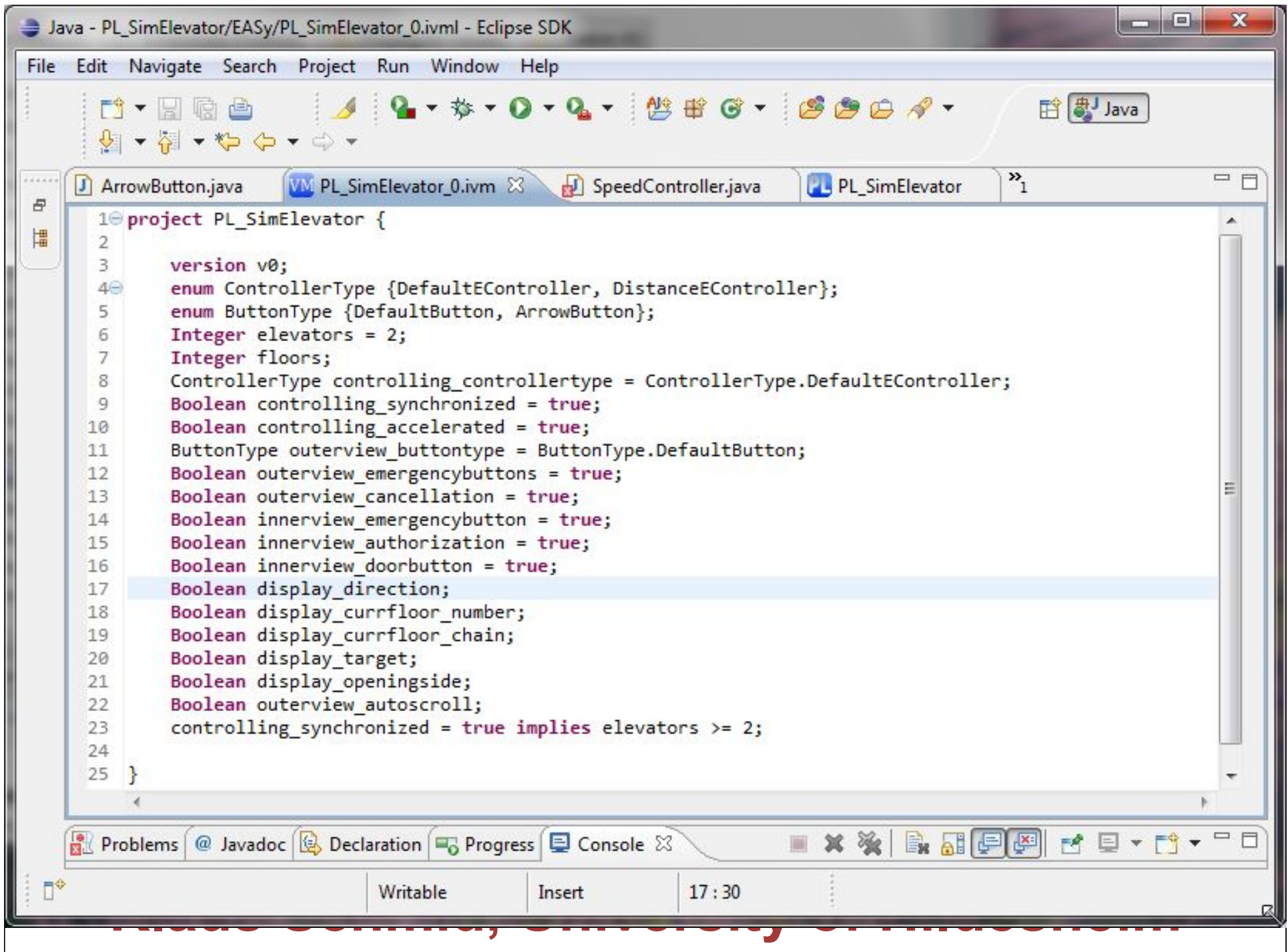
Current Solution

- Industrial case studies: Siemens, Bosch, ..
- *Reference example: elevator*



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Why is it interesting?

- Native ecosystem support (for variability-rich ecosystems)
- Integration of Infrastructure & Product = variability-rich projects
- Simultaneous use of several concepts:
 - Composition (multi-product lines)
 - Multistaged derivation
 - Support of multiple derivation methods
- Combination of interactive and textual variability support

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Discussion

- What would be open challenges that are not yet addressed?
- Would this help solve your problem?
- Interests in cooperating?

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