A flexible code generator for MOF-based modeling languages

Lutz Bichler

Institute for Software Technology

Department of Computer Science

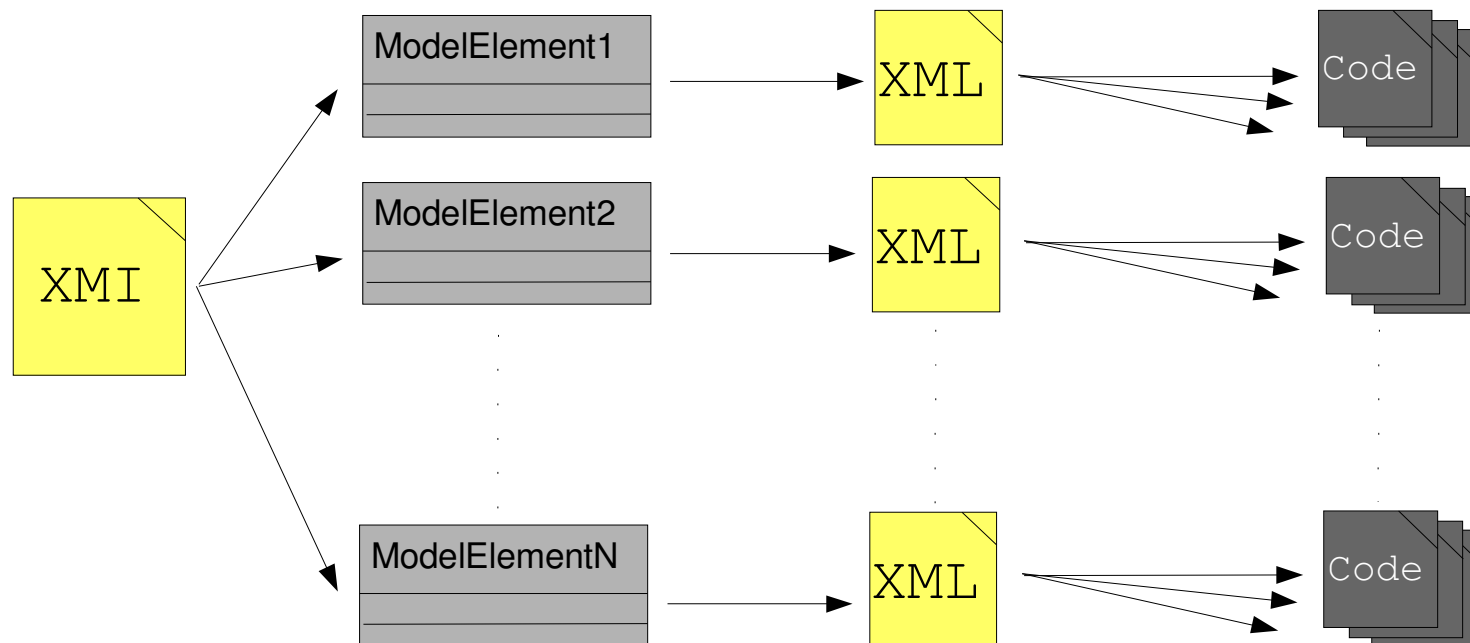University of the Federal Armed Forces Munich

Content

- Why did we start it?

- How does it work?

- What will be the next steps?

Why?

- Merging of models from different case tools

- Case tools for domain-specific languages based on ArgoUML

- Adaptability to
  - ➜ other target languages
  - ➜ other input languages

How?

- Splitting model into model elements
- Representing model elements by XML documents
- Generating code by applying XSLT stylesheets

Future Work?

- Complete support for MOF 2.0

- Support for JMI 2.0

- Editor for backend writing

- Additional backends