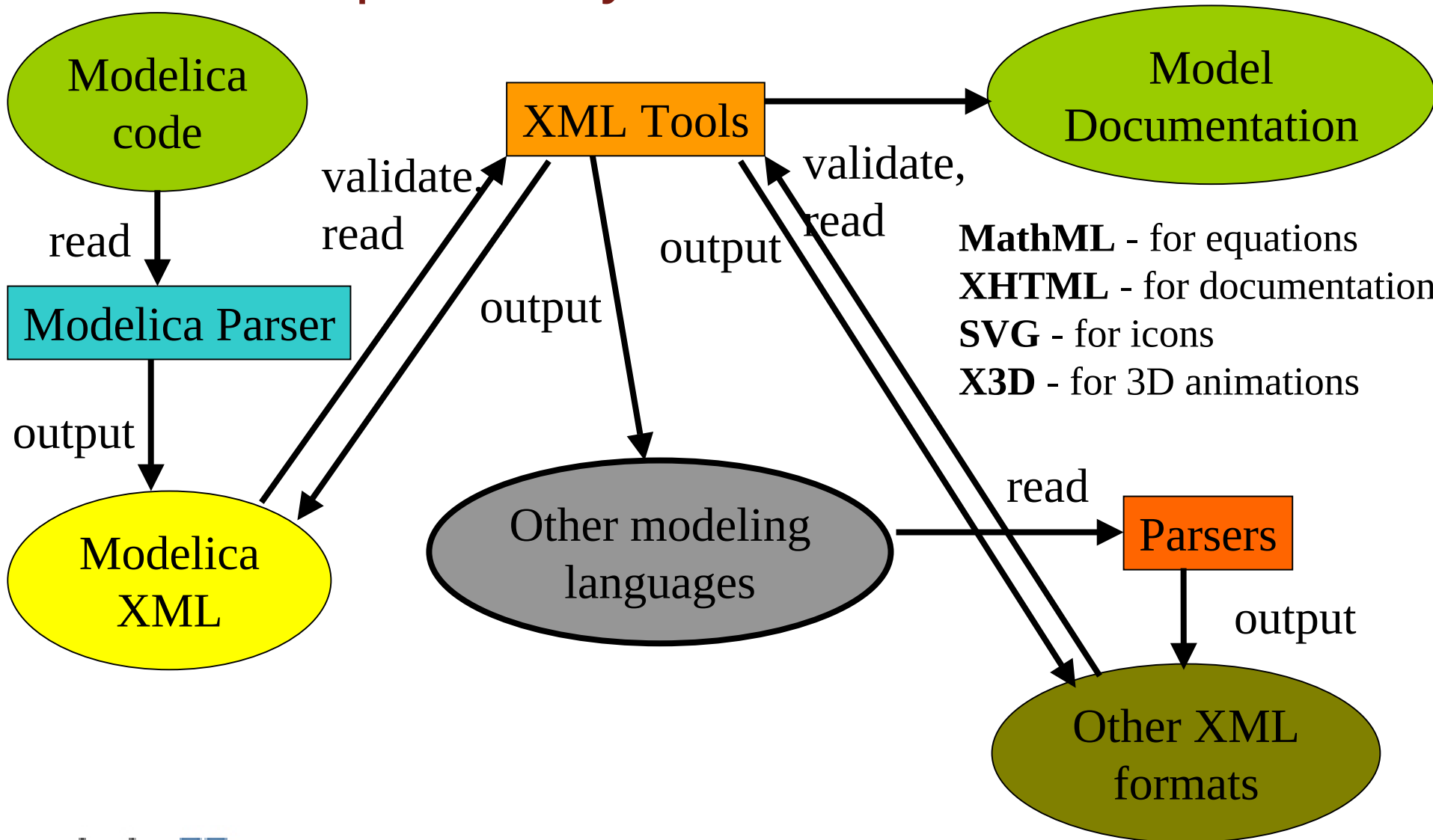


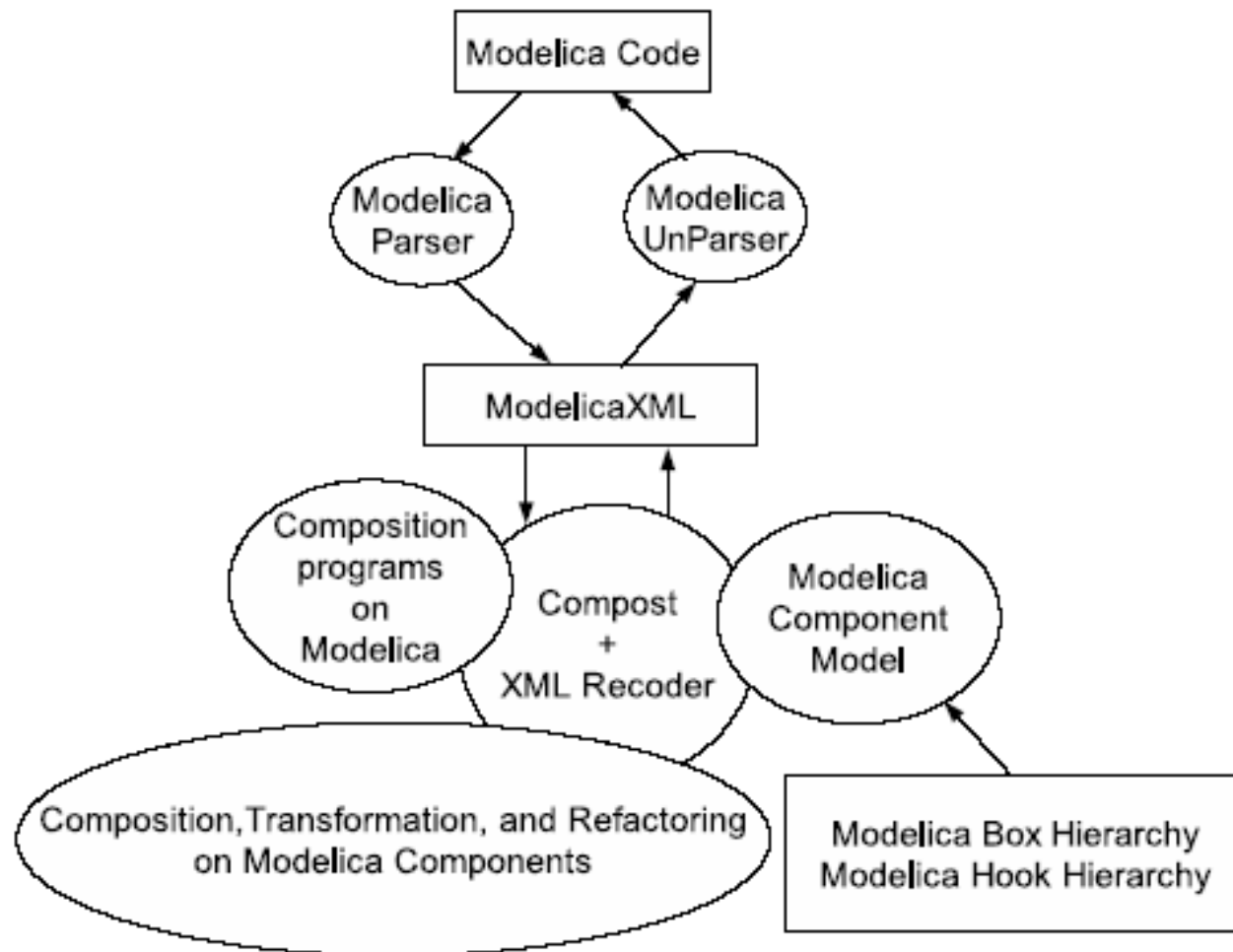
Adrian Pop

- Programming Environments Laboratory
- Linköping University
- adrpo@ida.liu.se
- <http://www.ida.liu.se/~adrpo>
- Research on
 - XML technology (ModelicaXML)
 - Semantic Web (Modelica ontology)
 - Debugging

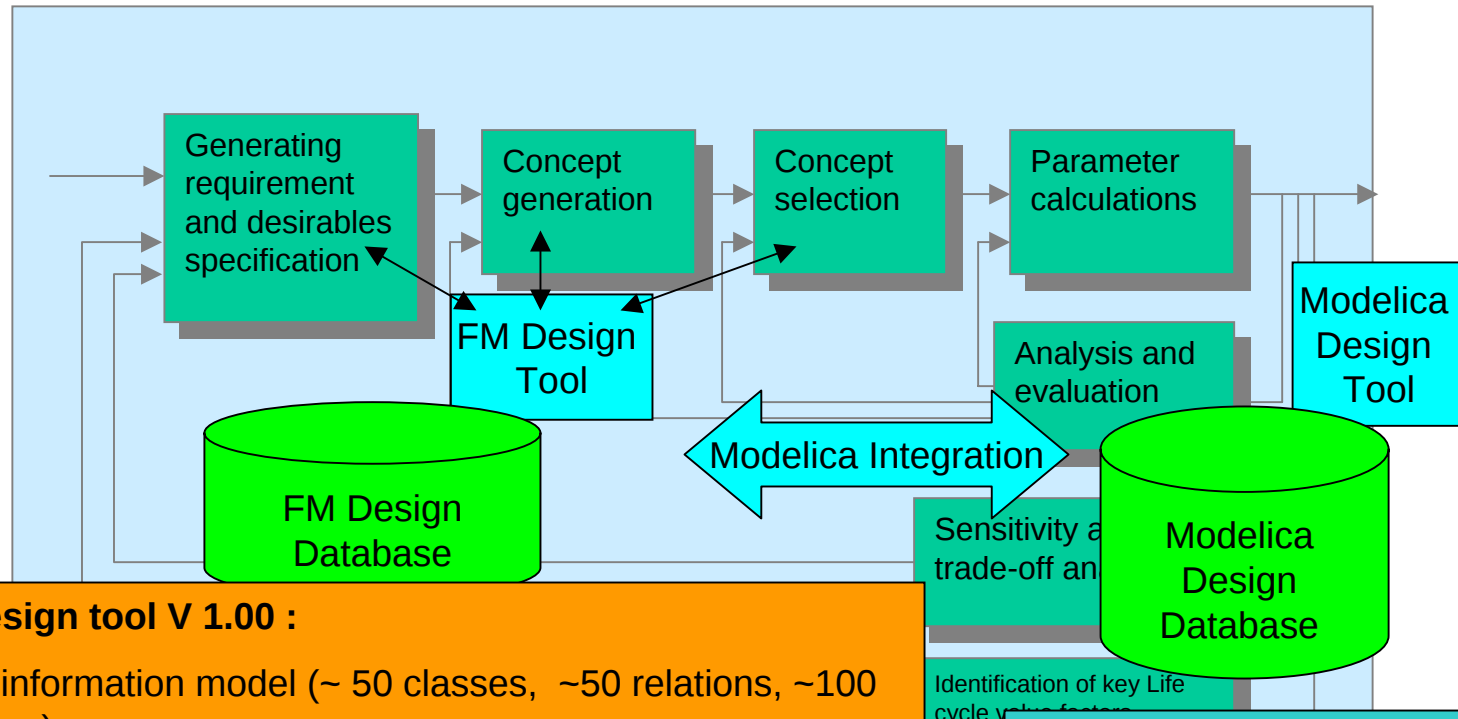
Interoperability and Transformation



Modelica composition and transformation



ModelicaXML role in the project



FM-Design tool V 1.00 :

- UML information model (~ 50 classes, ~50 relations, ~100 attributes)
- Prototype implementations of FMDesign V1.0 (~150 K LOC)
- Product Design Library
- Stakeholder and requirement trees
- Function-Means Trees
- Product Concepts with Selected Means Trees & Implementation/Component Trees

Modelica Integration (automated)

- Early stage UML information model for Modelica
- Preliminary **ModelicaXML** interchange format