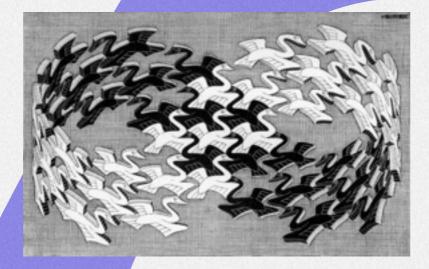
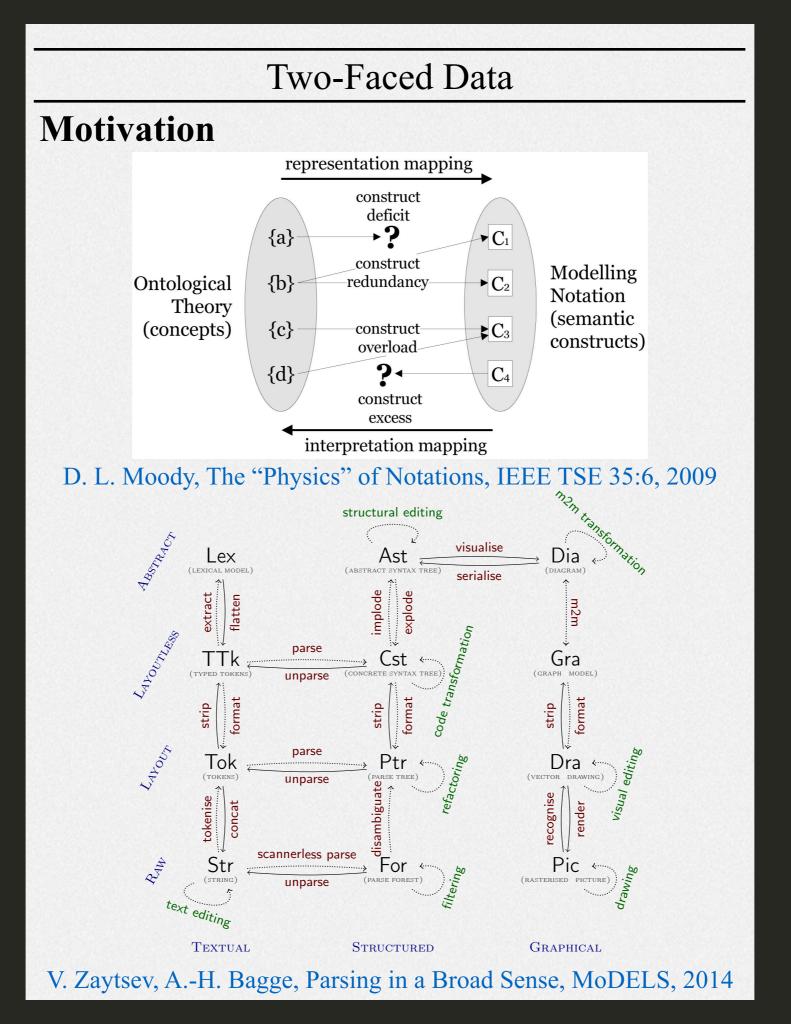
One data fragment has several alternative structural representations tailored toward specific data manipulation approaches.

Vadim Zaytsev



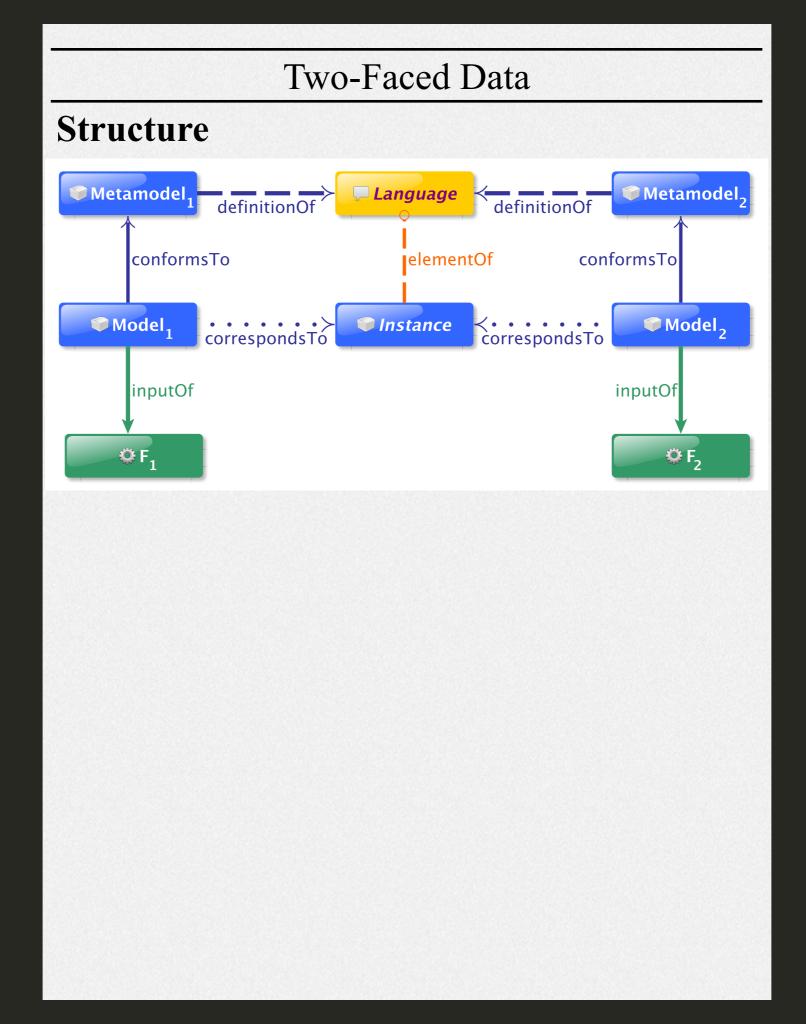
Foreword by Eugene Syriani Richard Paige Steffen Zschaler Huseyin Ergin Patterns in Model Engineering at STAT 2015

2015



Applicability

✓ software language processing ✓ language definition ✓ multiple syntaxes \checkmark visual and textual \checkmark (un)serialisation \checkmark lossless ✓ data-specific algorithms \checkmark multiple views \checkmark multiple tools ✓ interoperability & comfort **√** FORBIDDEN EXAMPLE



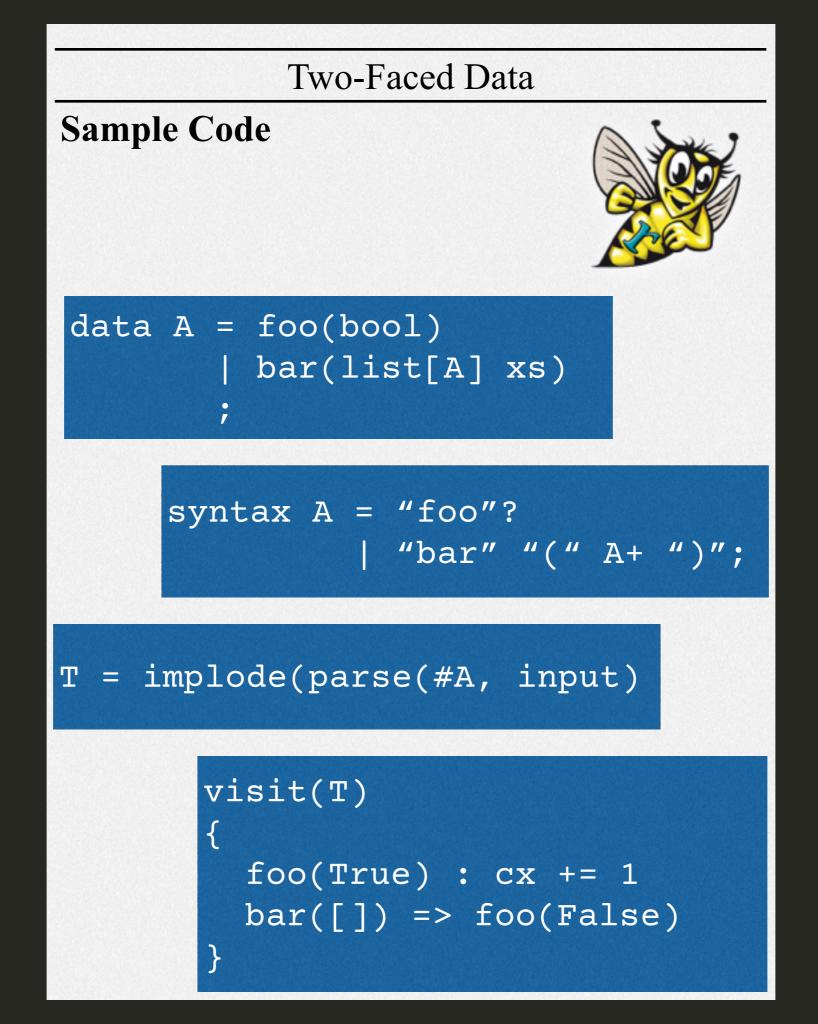
Participants

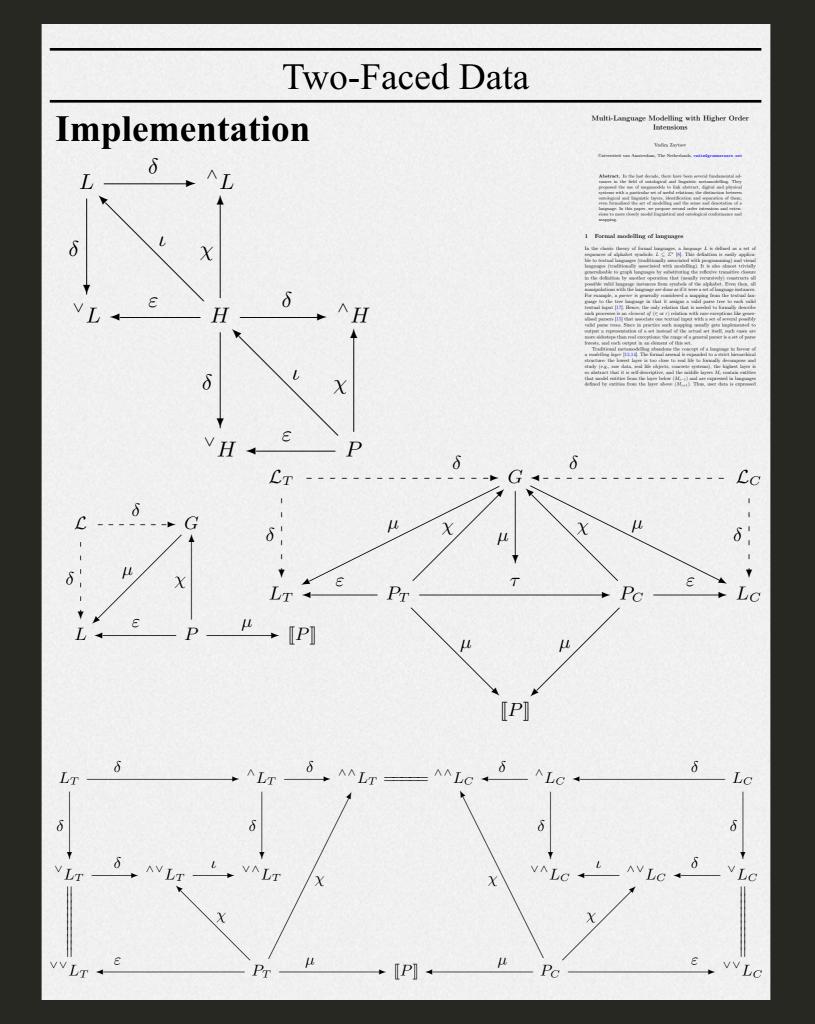
✓ Language✓ Instance

- ✓ Left side
 - ✓ Model
 - ✓ Metamodel
 - ✓ Mapping
- ✓ Right side
 - ✓ Model
 - ✓ Metamodel
 - ✓ Mapping

Collaborations

 \checkmark I is an instanceOf L ✓ elementOf \checkmark Mx models I ✓ correspondsTo \checkmark MMx models L ✓ representationOf ✓ Fx maps Mx √ inputOf \checkmark if Mx is updatable, need BX \checkmark can have more than two faces





Consequences

✓ Questions?