Rockwell Collins

The Universal Short Graph Language

Introducing the ⊔ language

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What ⊔ is?

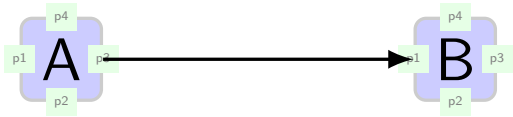
The ⊔ language is a **Universal Graph Language**;

- Symbol: ⊔.
- Name: "square cup".
- Universality (close to "u").
- Unicode character ⊔: (U+2294).
- License: GPL v3.

Introducing the ␣ language...

...as *Extended Literate Programming*
␣ is a sparse graph language

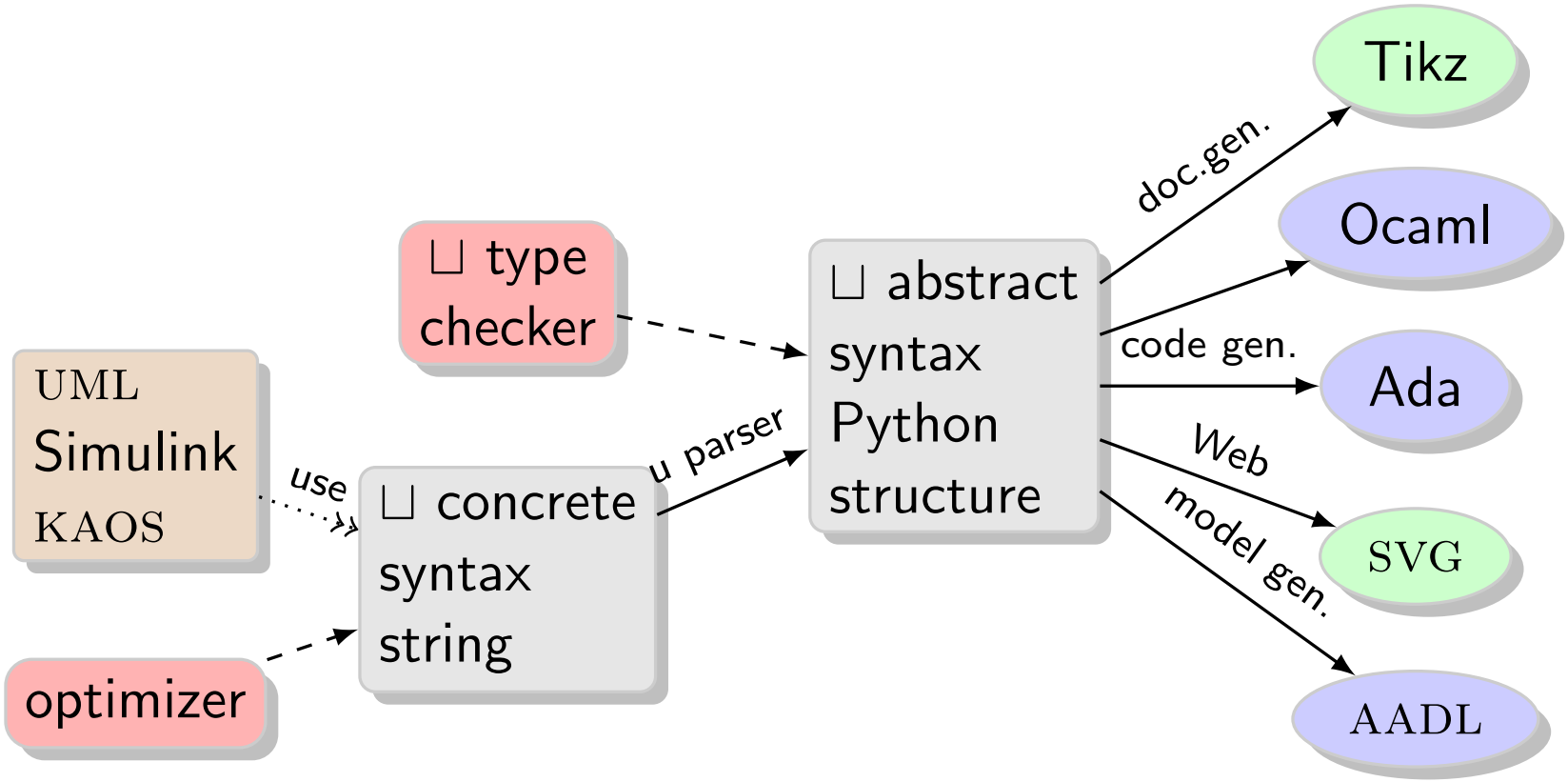
In ␣, `"A->B"` string is simply rendered as:
(TikZ output)



- **T**-yped.
- **H**-ierachical.
- **O**-nline.
- **N**-eutral.
- **U**-nicode.
- **S**-hort.

...inspired from the Dot (Graphviz) and yUML language to fix some XML pitfalls

The big picture



- Model concept: model (AST), diagram, string.
- Object concept: object, node, token.
- Relation concept: relation, arc, link.
- Port concept: model port, port, dot port.
- Attribute concept: property, content, label.
- Type concept: type, category, class.

N-ary relation, composition, Concept of *role* defined by the couple: (*port type, node type*)