



Throwing COOL at Pharo

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Motivation



Tools



Education

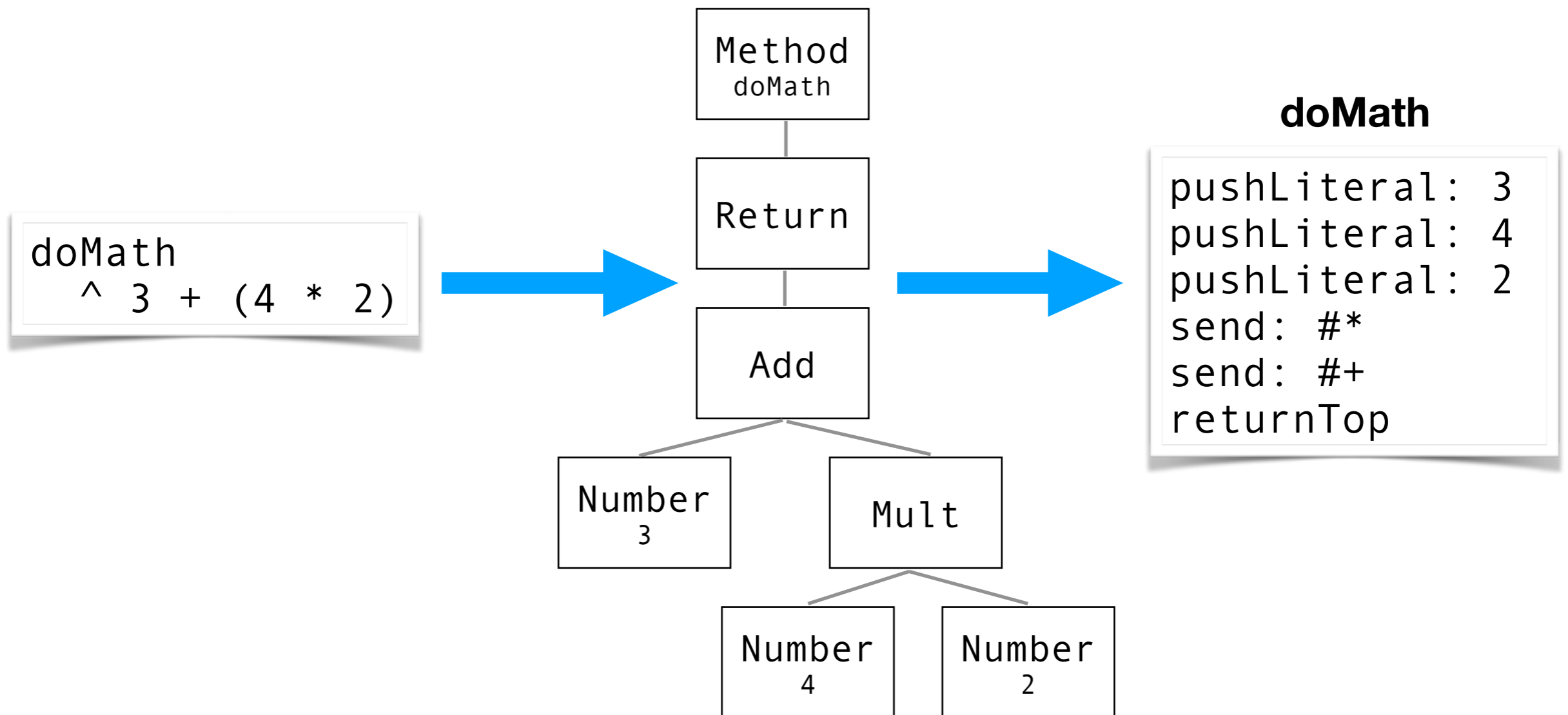


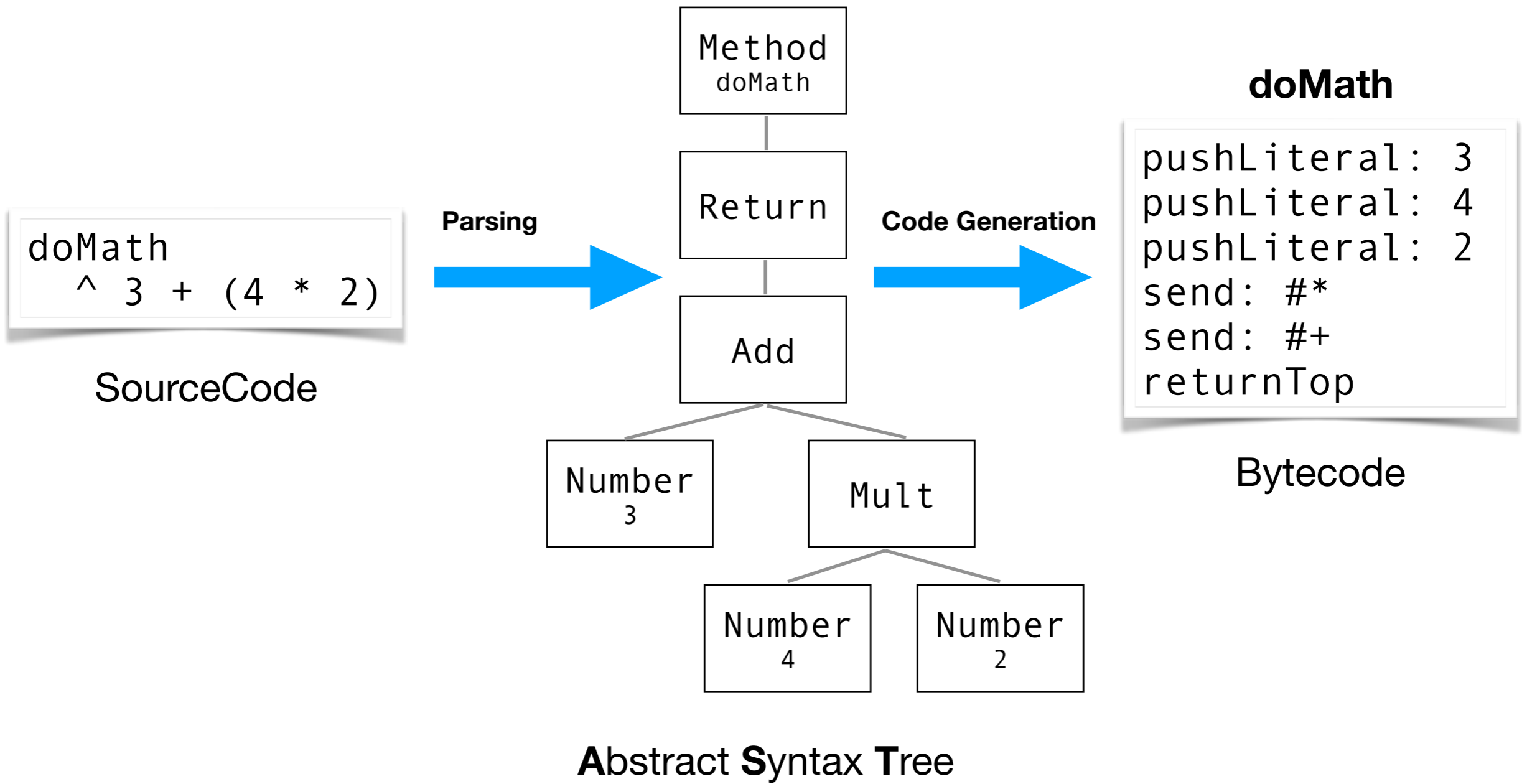
Fast VM



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What's a Compiler?

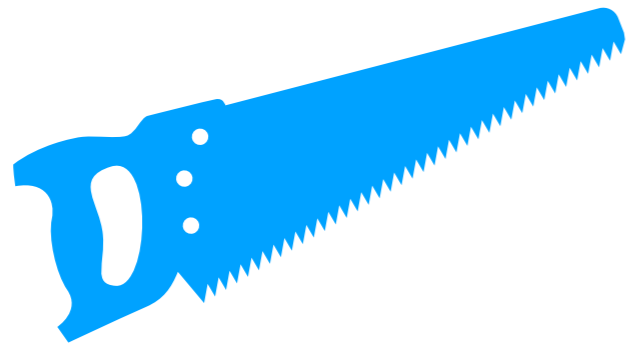




Frontend

Backend

Two Approaches

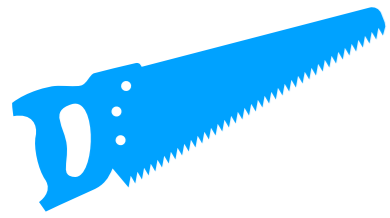


Custom-built Compiler

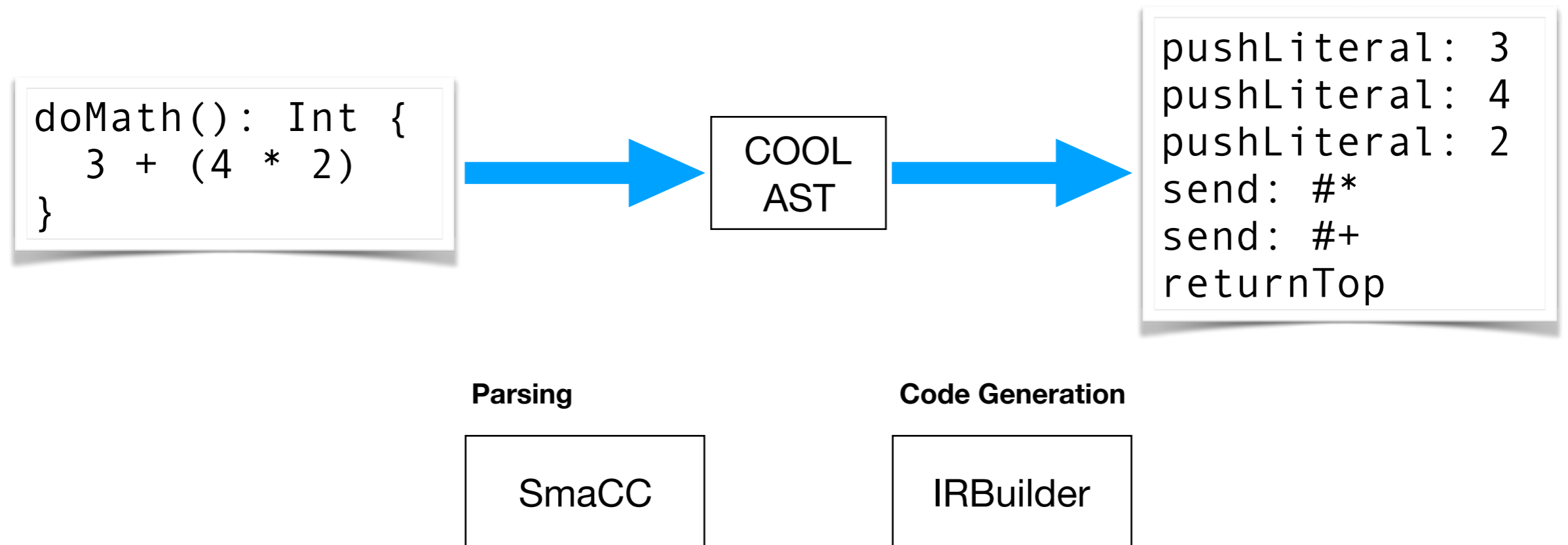
VS



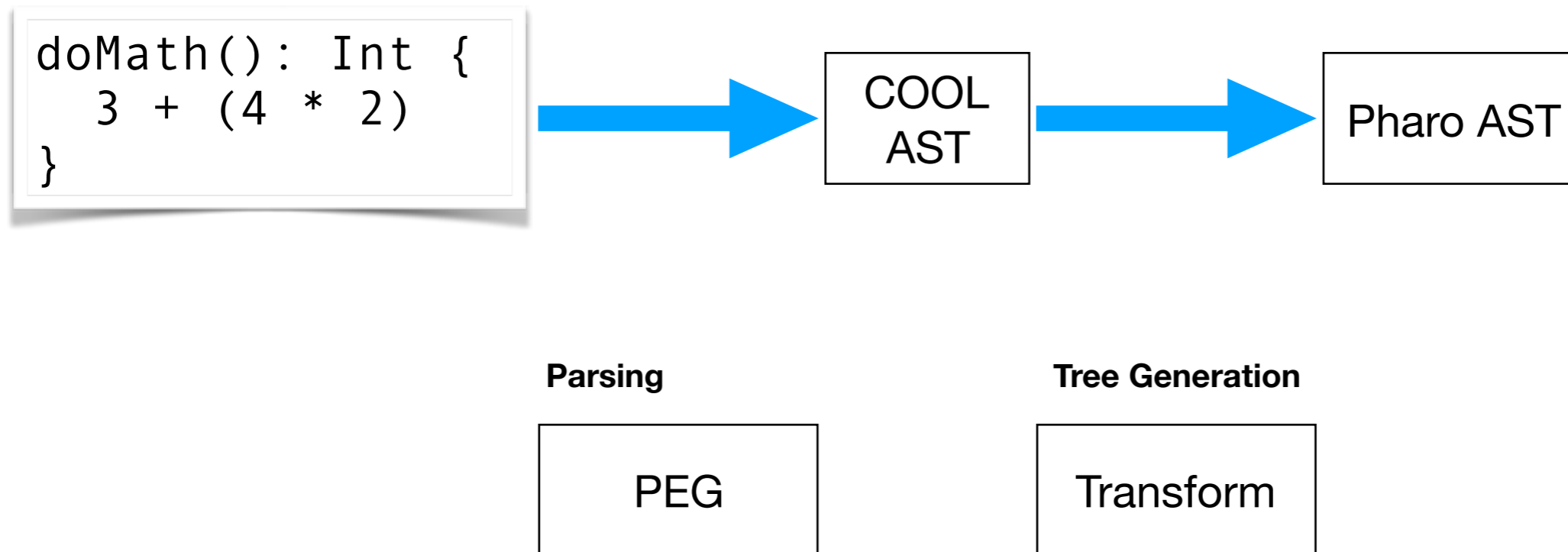
Embedding



Custom Compiler

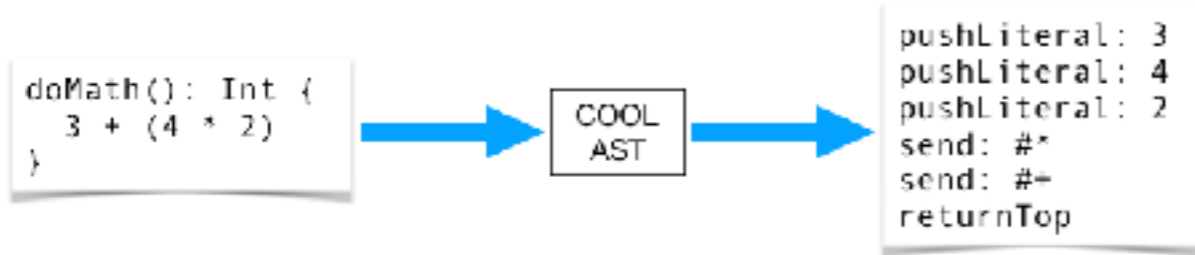
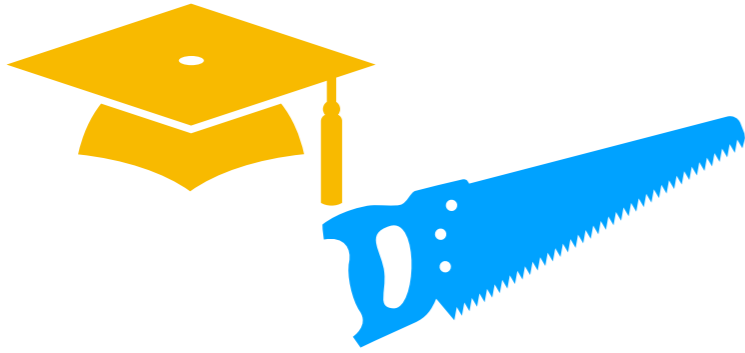


Embedding

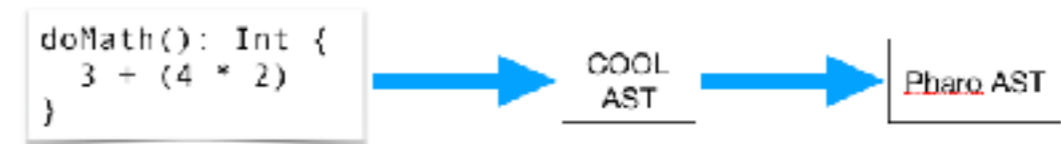


<http://scg.unibe.ch/research/helvetia>





- + Lightweight
- + Intuitive
- + Learning Effect
- Tool Support



- + Great Tool Support
- Learning Curve
- Outdated

Fundamental Language Differences

Next up...



Optimizations!