

# Domain Specific Language Models

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[www.lukas-renggli.ch](http://www.lukas-renggli.ch)



Context Specific Languages  
with Homogeneous Tool Integration

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

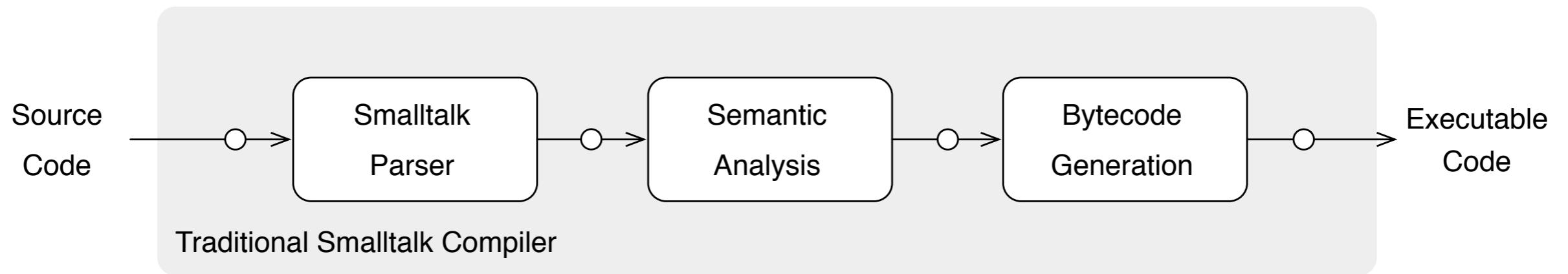
Multiple Context  
Specific Languages

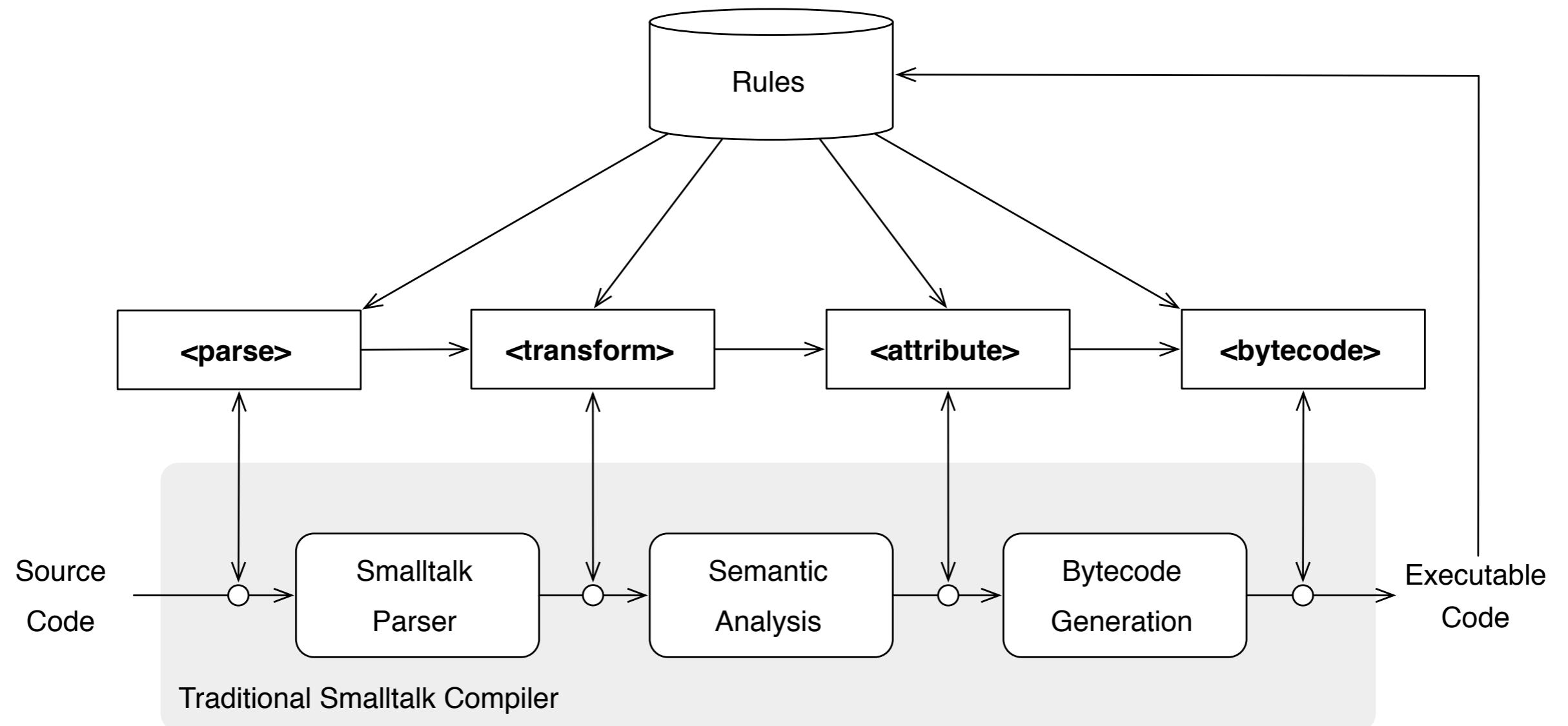
# Homogeneous Language Integration

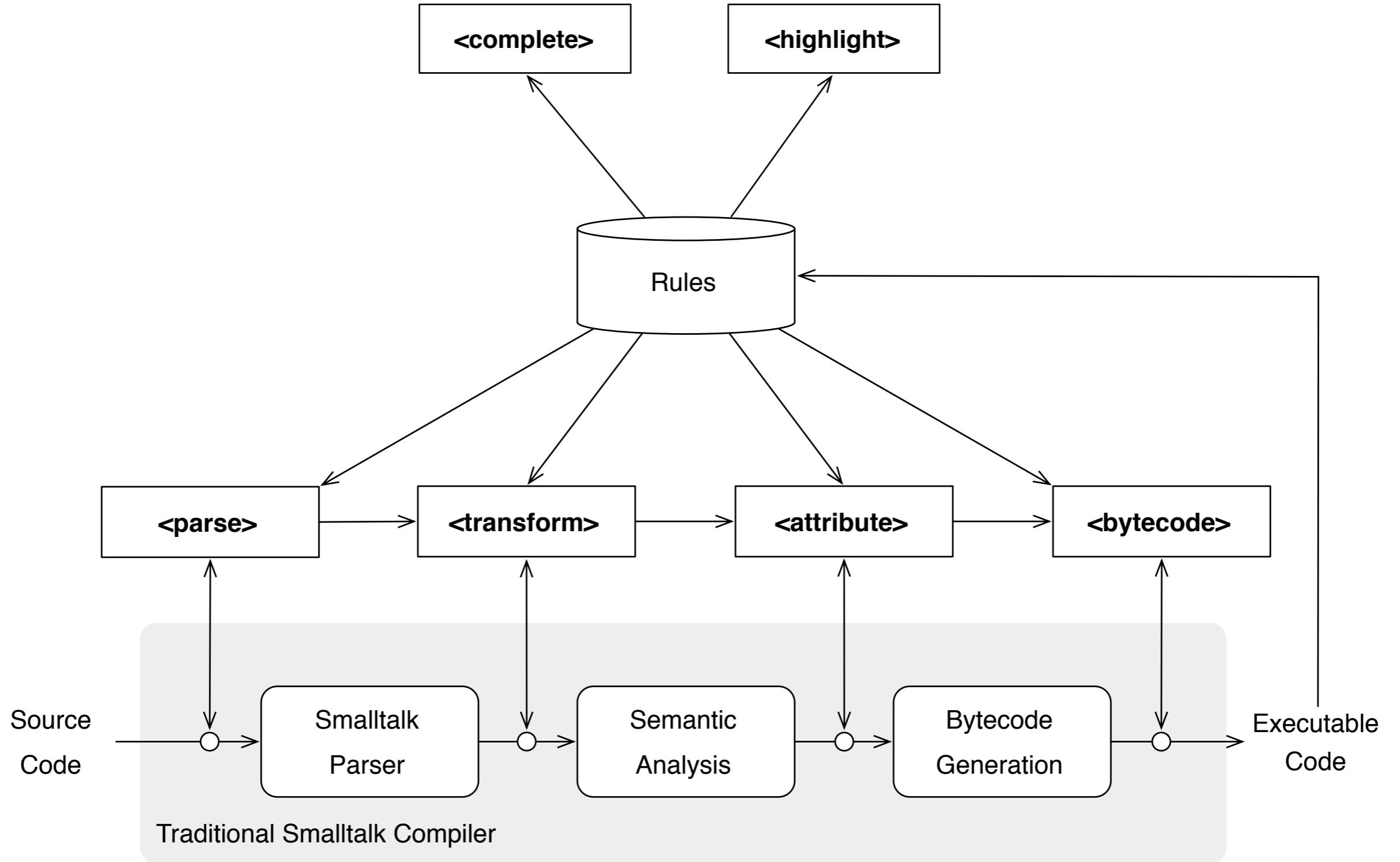
# Homogeneous Tool Integration

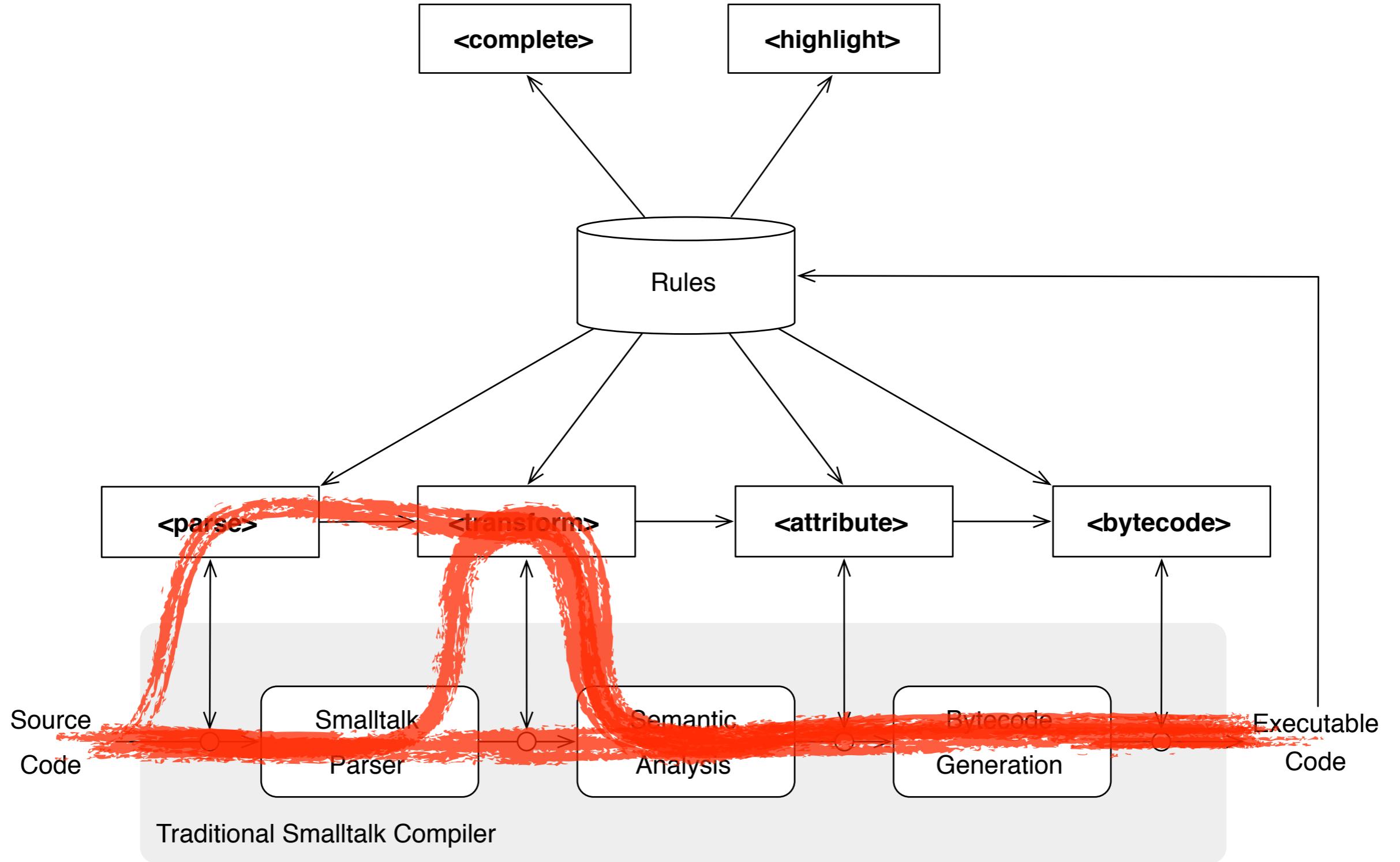


# The Helvetica Model





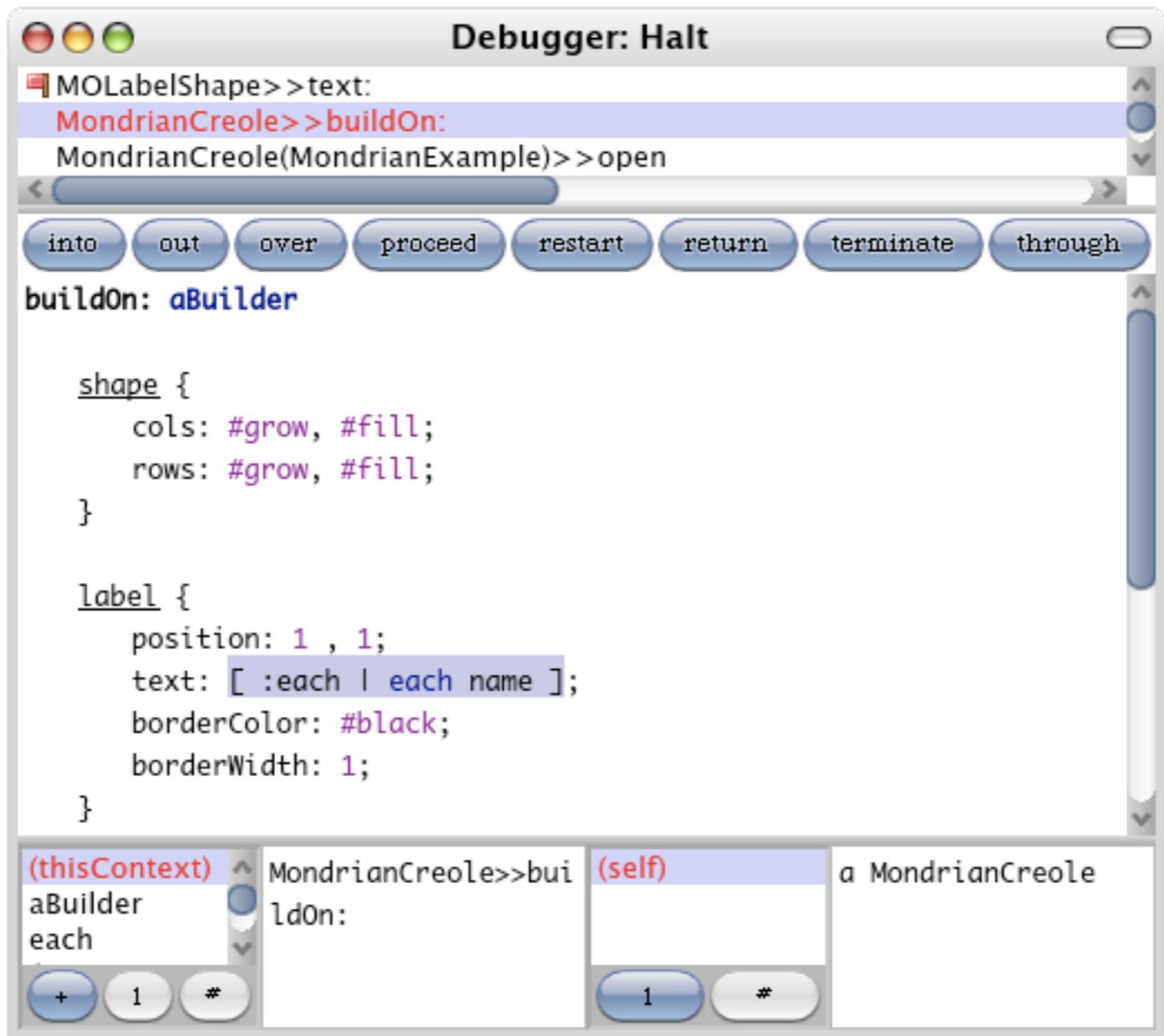


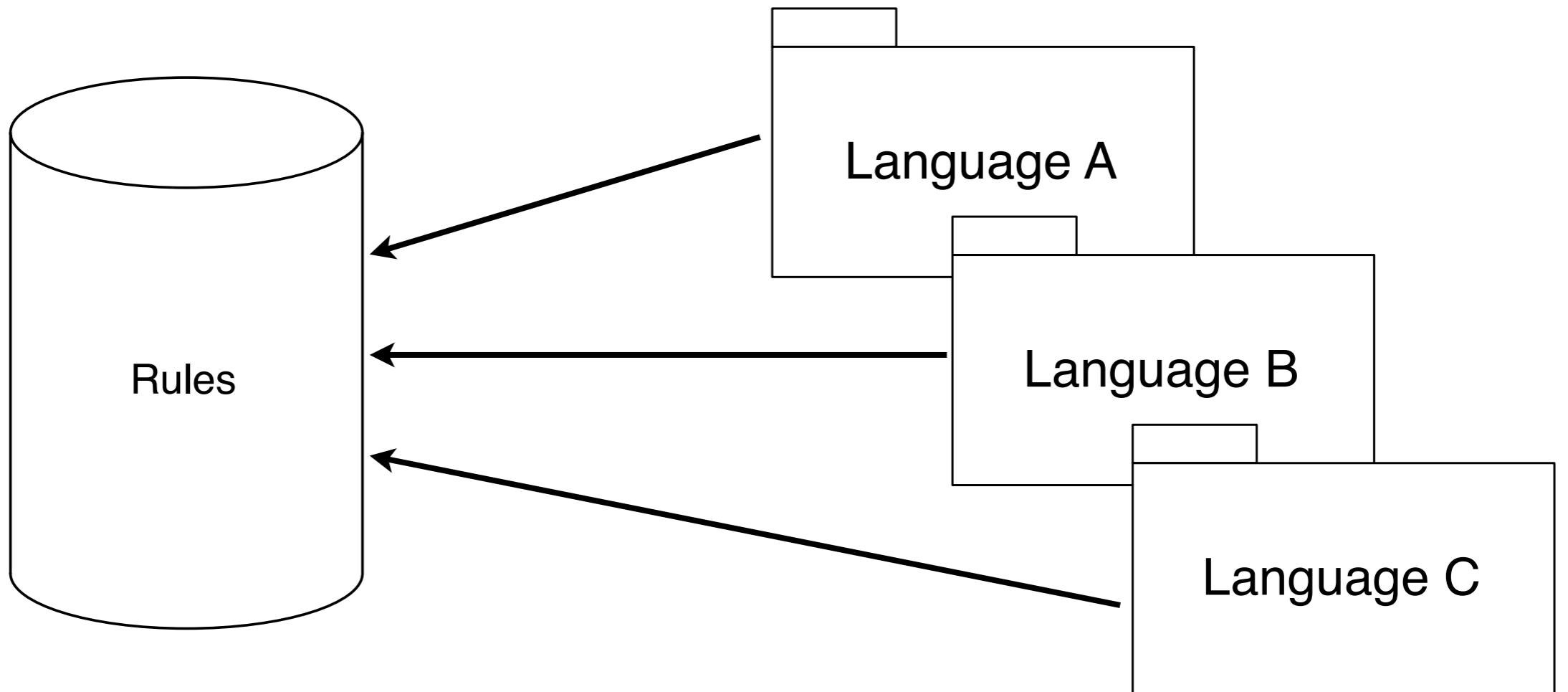


# **Scoping of Languages**

# **Homogenous Embedding**

# Tool Integration

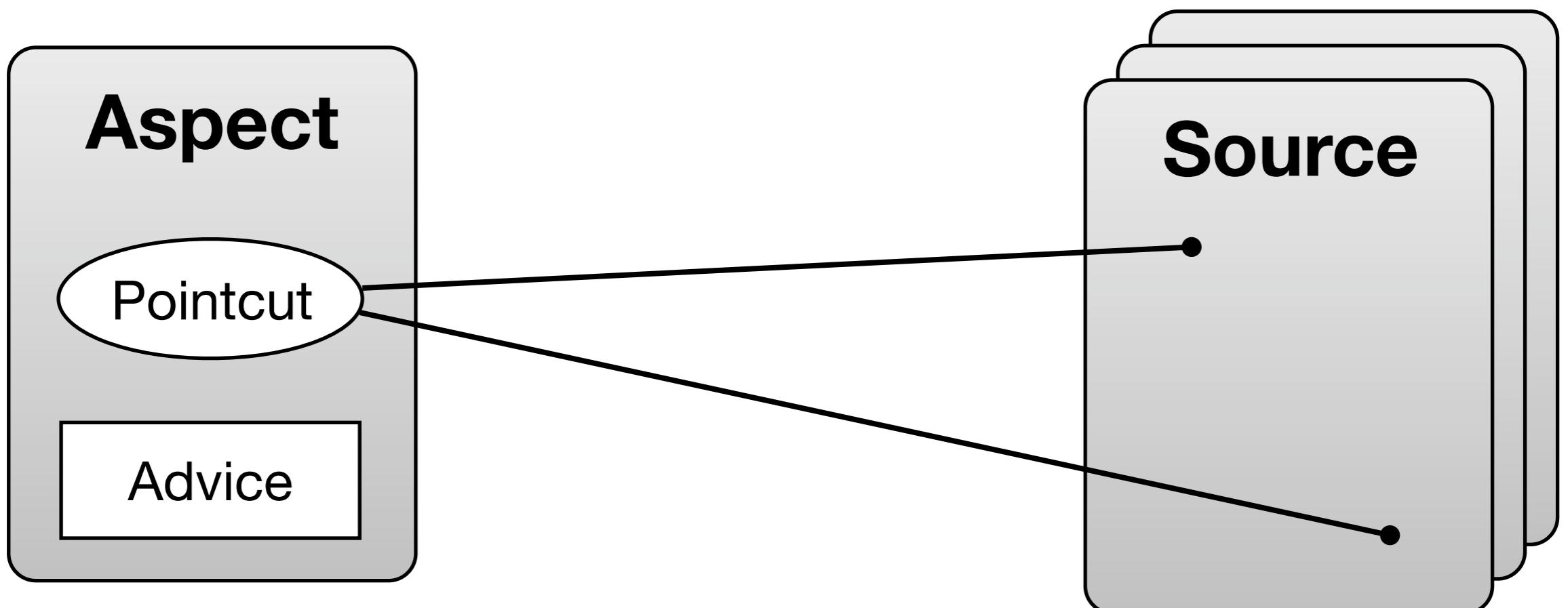




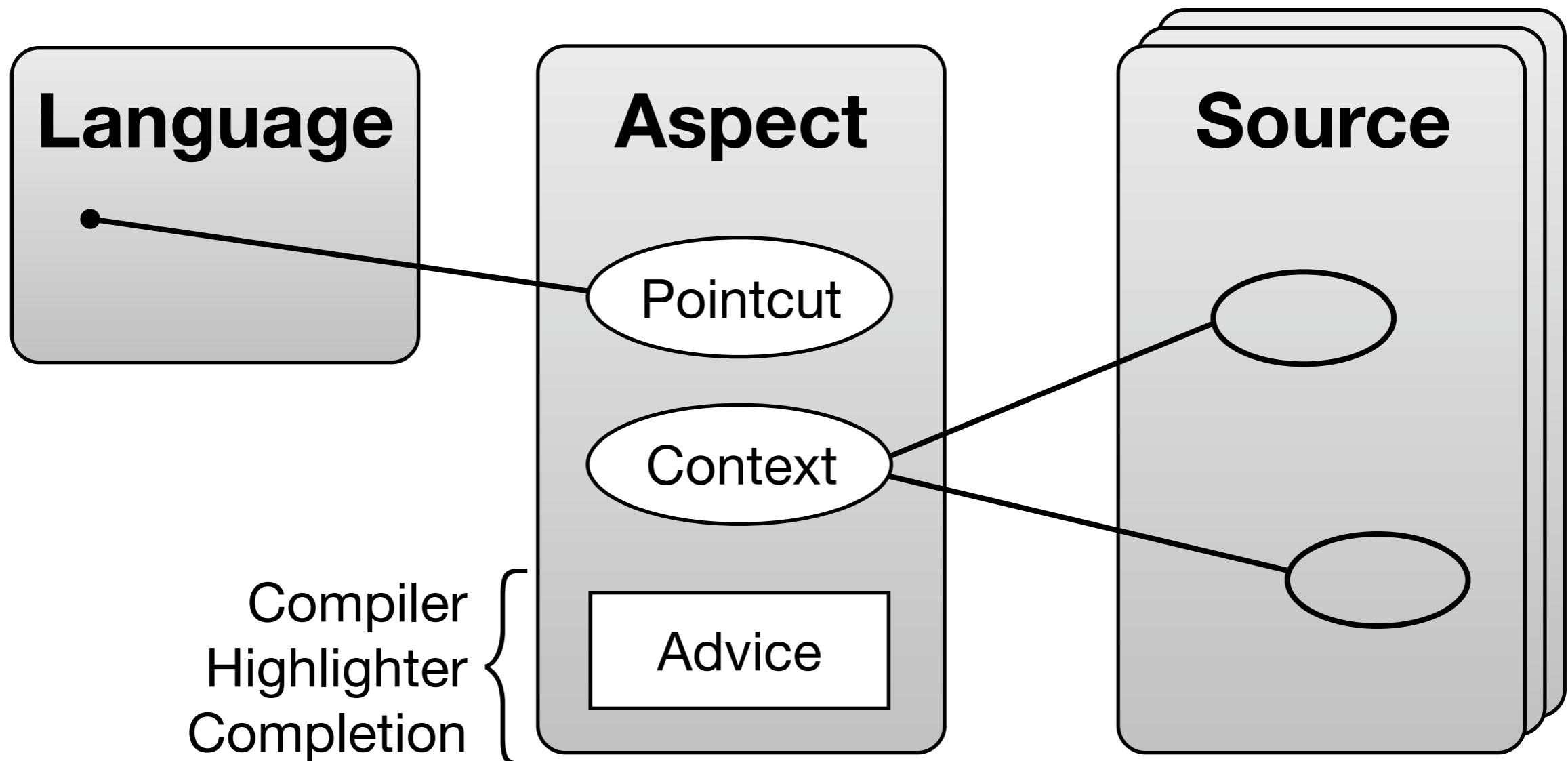
# Language Aspects



# Aspects



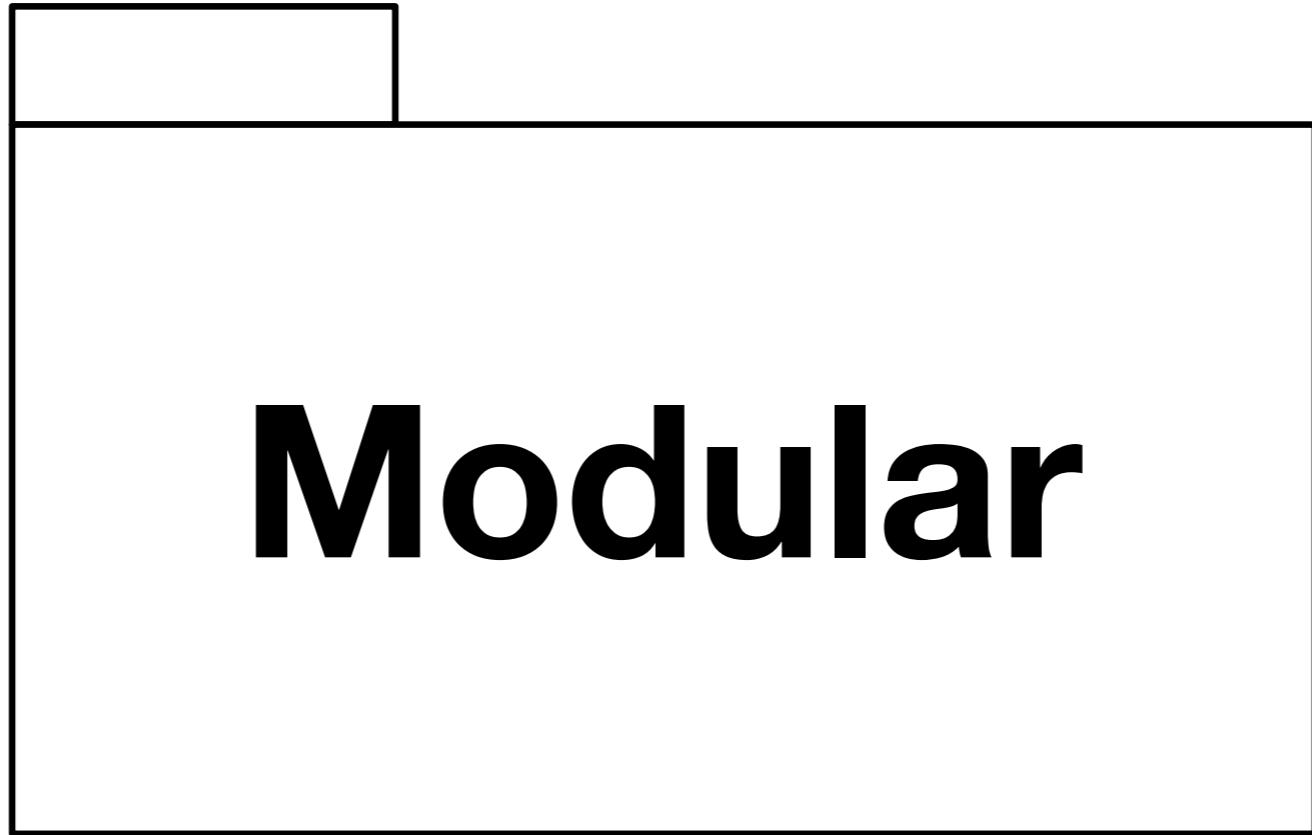
# Language Aspects



**Start with  
Host Language**

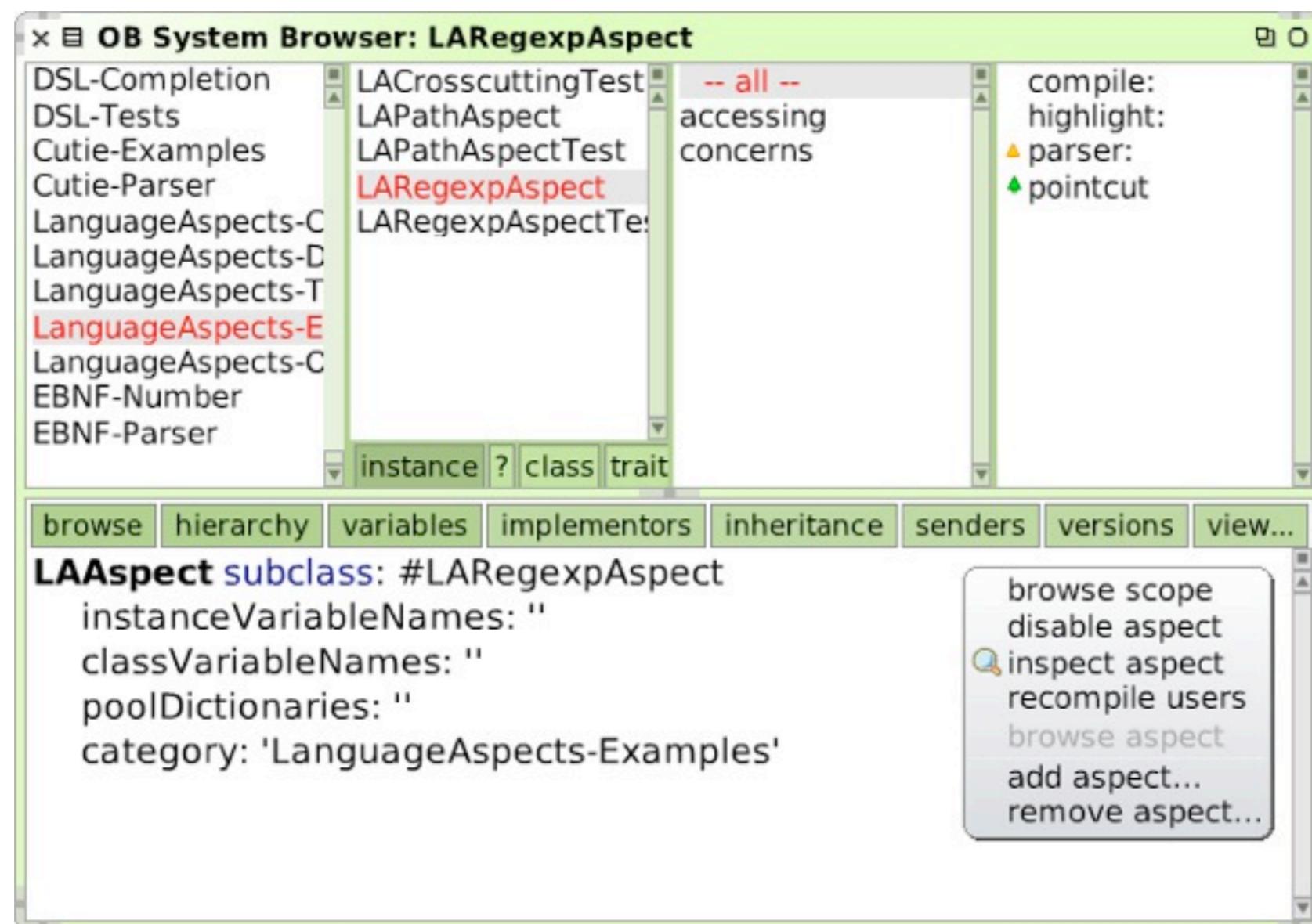
# Crosscutting





**Modular**

# Integration



deno

# **Future Work**

# API Skins

# Language Migrations

*Glamour*



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