

# Declare Your Language

Language Definition with the Spoofax Language Workbench

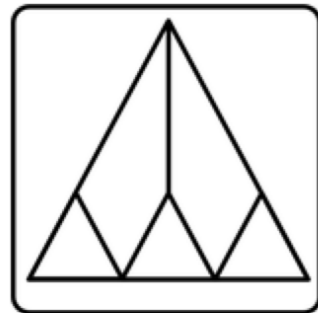
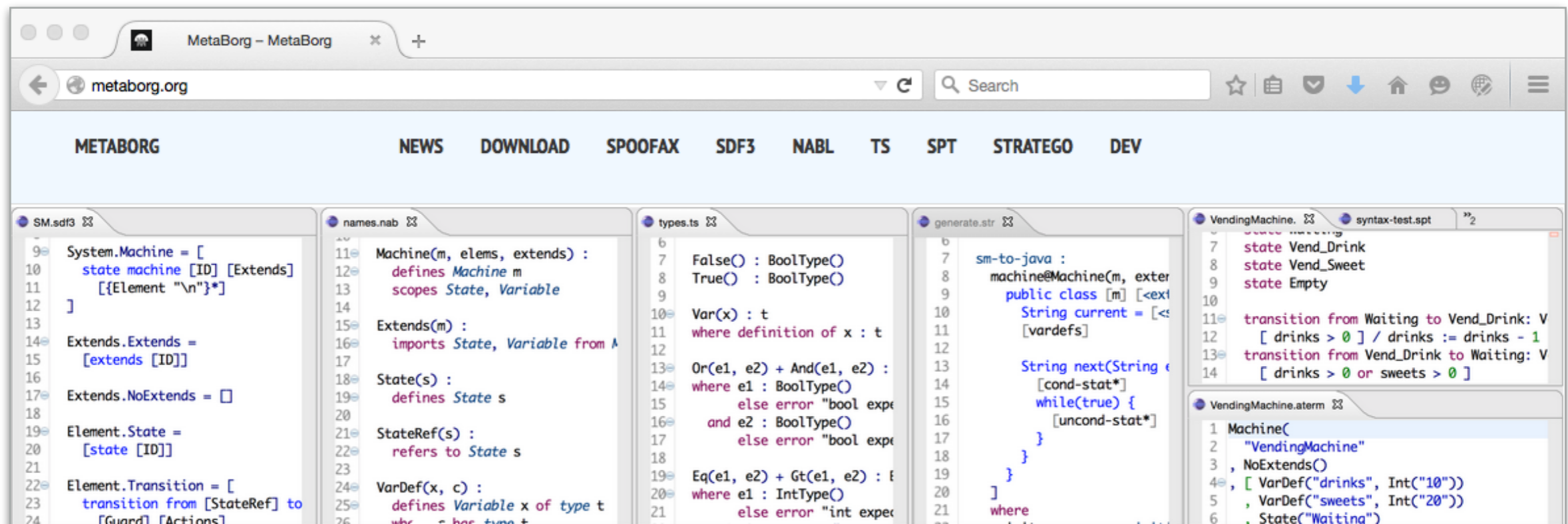
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## MetaBorg

MetaBorg is a [collection](#) of meta-programming tools including the following components:

- The [Spoofox](#) language workbench
- The [SDF3](#) syntax definition formalism
- The [NaBL](#) name binding language
- The [TS](#) type specification language
- The [Stratego](#) transformation language

### Software repositories

- <https://github.com/metaborg>
- <https://svn.strategoxt.org/repoman/info/StrategoXT>

MetaBorg provides generic technology for allowing a host language (collective) to incorporate and assimilate external domains (cultures) in order to strengthen itself. The ease of implementing embeddings makes resistance futile.

## **Part I: Hands-On Spoofax Tutorial**

- Syntax Definition with SDF3
- Transformation with Stratego
- Name and type analysis with NaBL/TS

## **Part II: Ongoing Research**

- A Theory of Name Resolution
- DynSem: A DSL for Dynamic Semantics Specification