

**SBO**  
***System Biology Ontology***

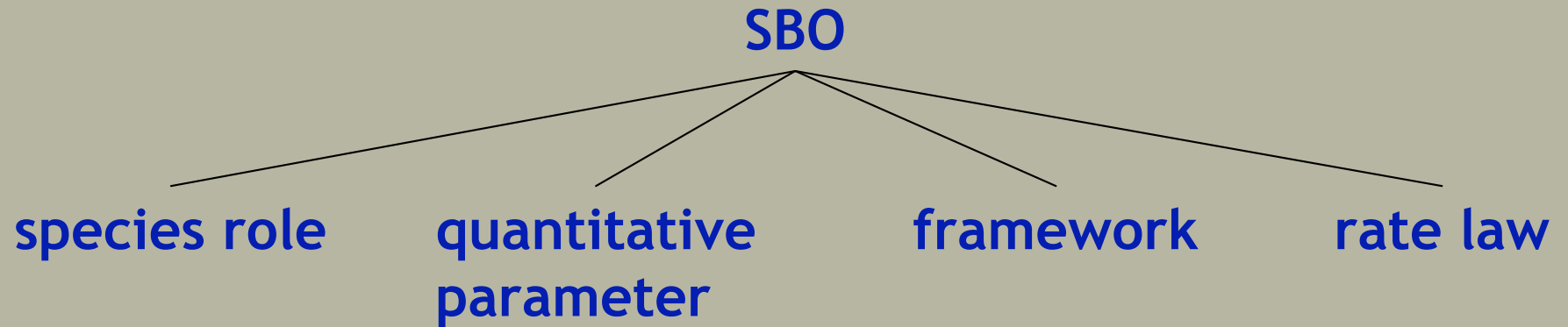
# Background

- **Multiple reasons to want controlled vocabularies tailored to systems biology**
  - Useful in databases (BioModels Database)
  - Useful for analysis tools to help them infer assumptions used in developing the model
  - Useful for visualization tools (think: rendering)

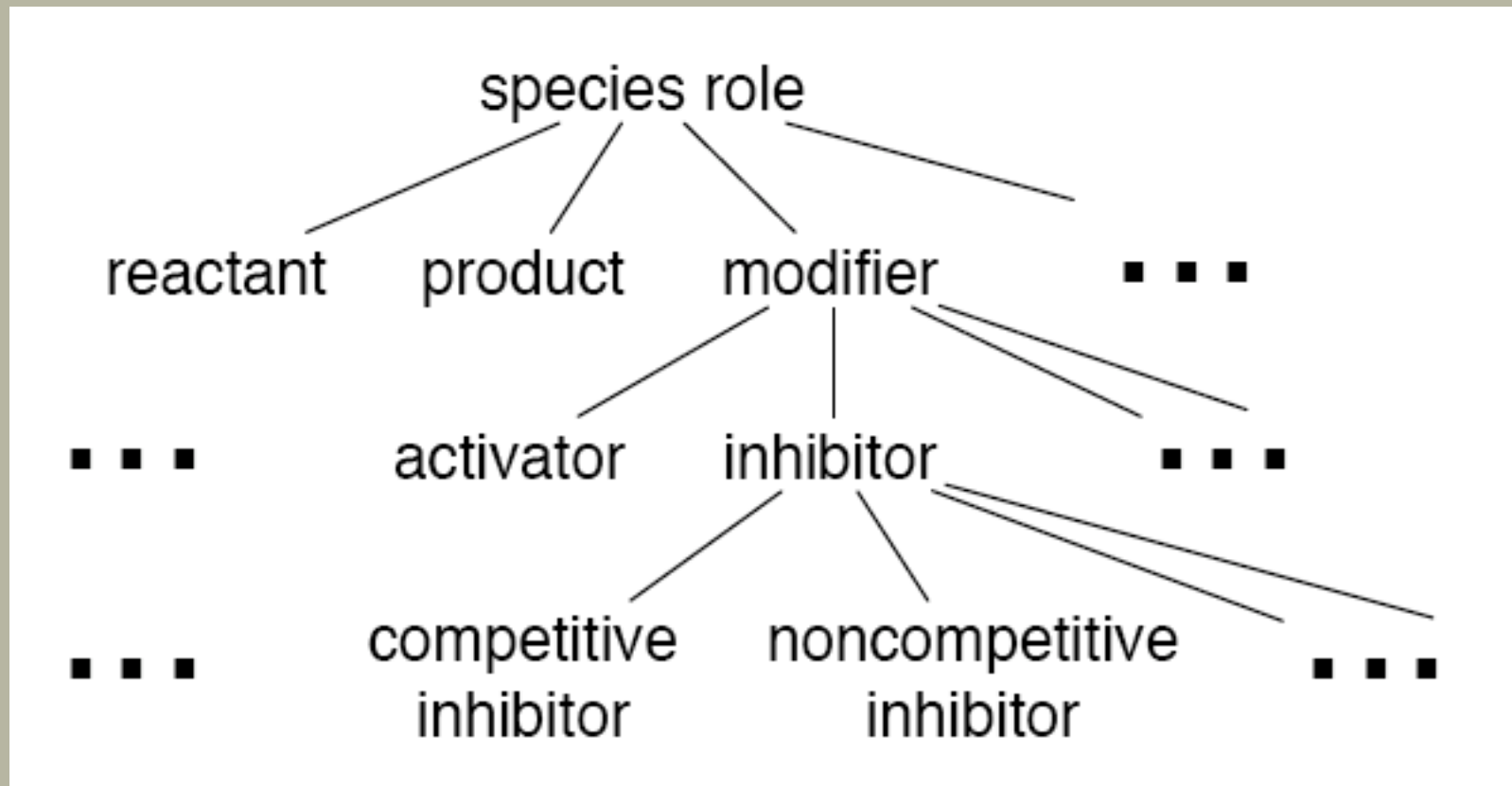
# Using Ontologies in SBML

- Simplest: use definitionURL proposed for L2v2
  - `<species id="foo" definitionURL="..." />`
  - The strings in the annotation are URIs
    - Simply unique identifying strings, not necessarily dereferenceable URLs
- Also compatible with Finney-Le Novère proposal for annotations in SBML

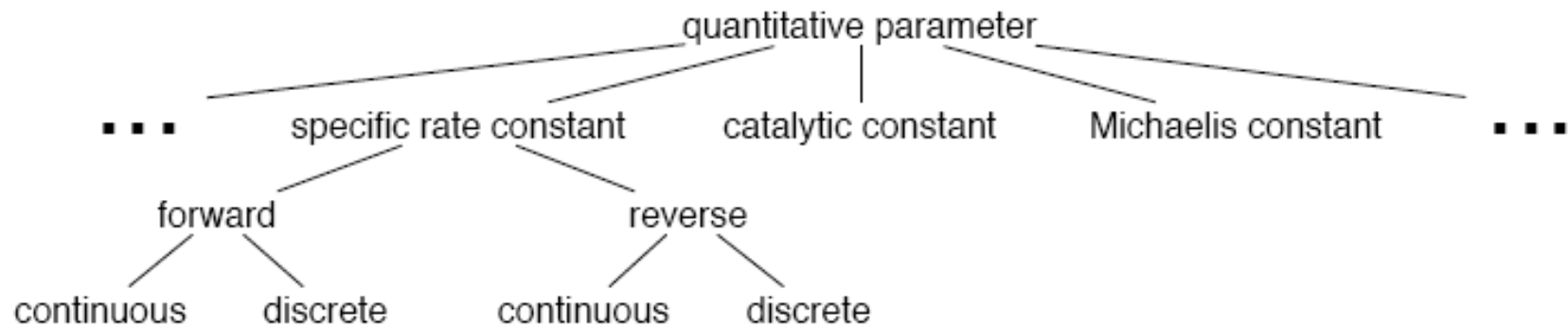
# This Proposal



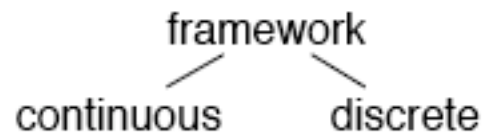
# Species Role



# Quantitative Parameter



# Framework



Others (in time)

# Rate Law

