

BootStrep Ontology

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Lexical Level

- Entries of biolexicon with morphosyntactic properties
- Verbs with case frames
- Semantic Interpretation rules
- (...)

Semantic Level

(Ontology in a broad sense)

- Entries in Protein databases
- Entries in Gene databases
- Biological Events / Processes
- Biological Upper Level
- Bioontologies (GO, OBO)
- Standardized Top Level (E.g. DOLCE, BFO)

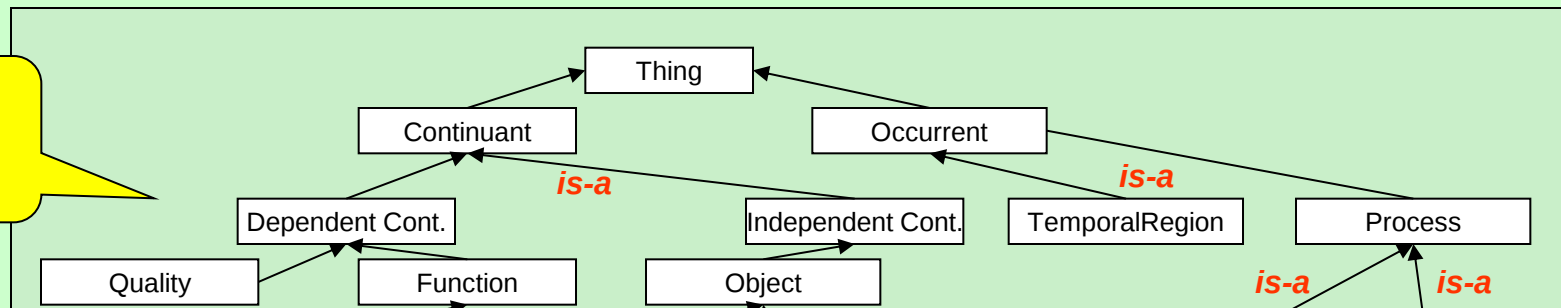
Source Level

- Abstracts
- Full Texts
- Template definitions
- (...)

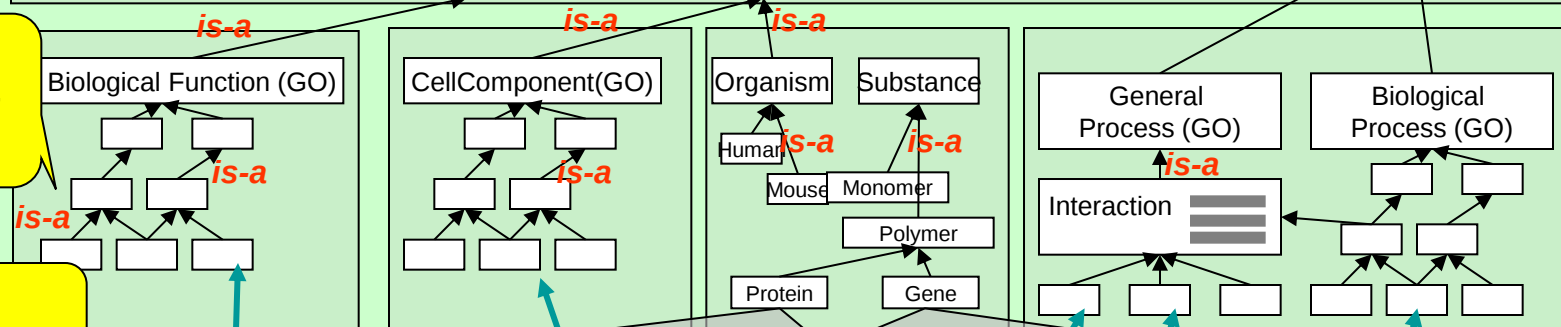
Assertional Level

- Templates filled by Instances of Semantic Classes

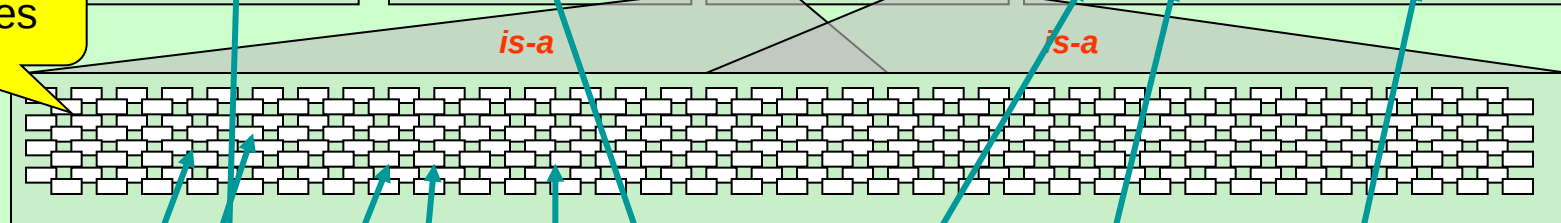
Top-Level Ontology



Bioontologies (Upper Level + specialized)



Gene + Protein Database Entries



instance-of

instance-of

instance-of

instance-of

instance-of

instance-of

Templates filled by Instances of Semantic Classes

Fortsetzung folgt...