

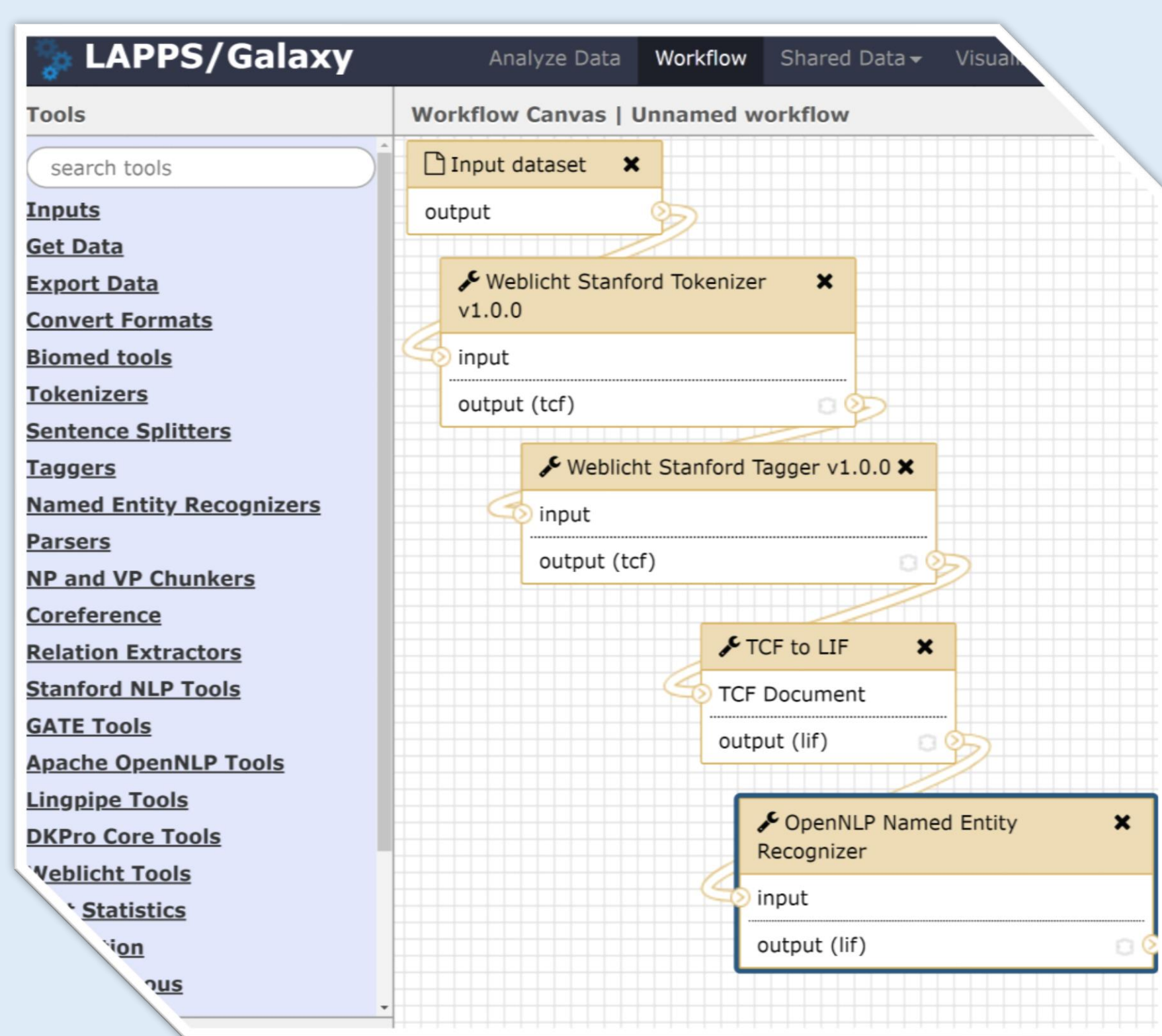
Bridging the LAPPS Grid and CLARIN

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Trans-Atlantic Interoperability Connecting Language Processing Frameworks

LAPPS Grid

- LAPPS Grid/Galaxy is used to create, execute, and visualize NLP pipelines
- Consume and produce data in the LAPPS Interchange Format (LIF)



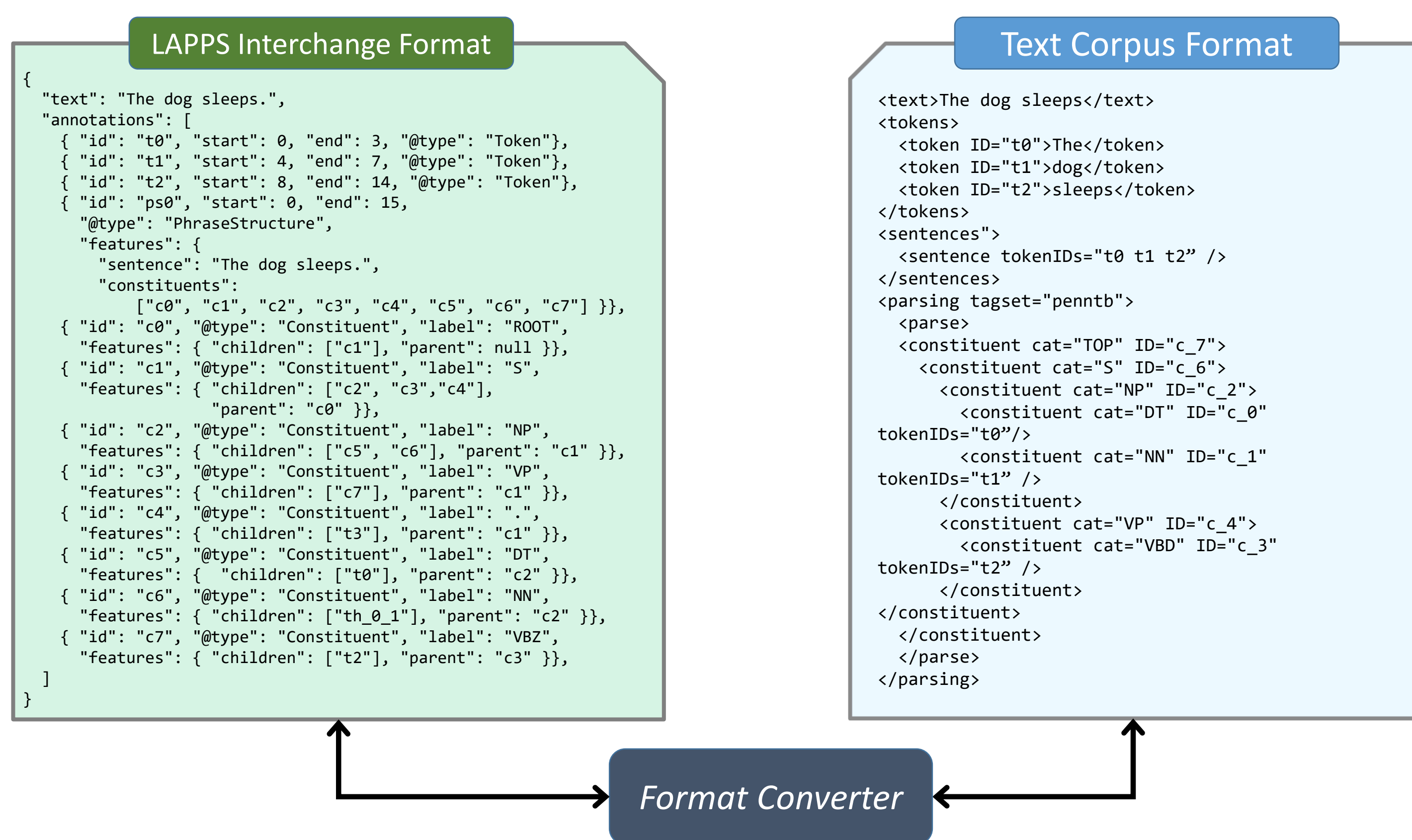
CLARIN/WebLicht

- WebLicht is used to create, execute, and visualize NLP pipelines
- Consume and produce data in Text Corpus Format (TCF)



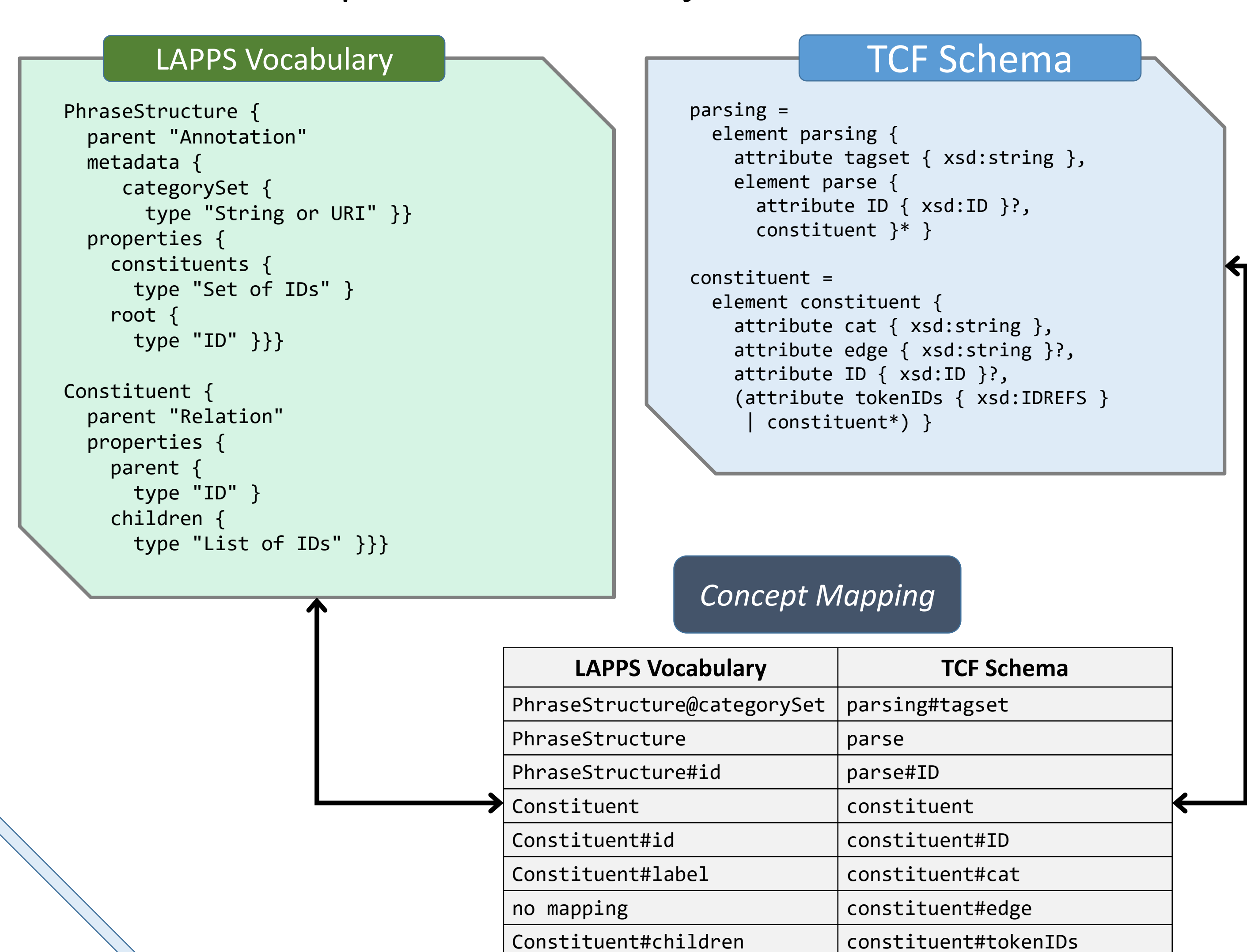
Syntactic Interoperability

- LIF:
 - flat list of JSON elements
- TCF:
 - XML including tag embedding
 - No text anchoring in TCF



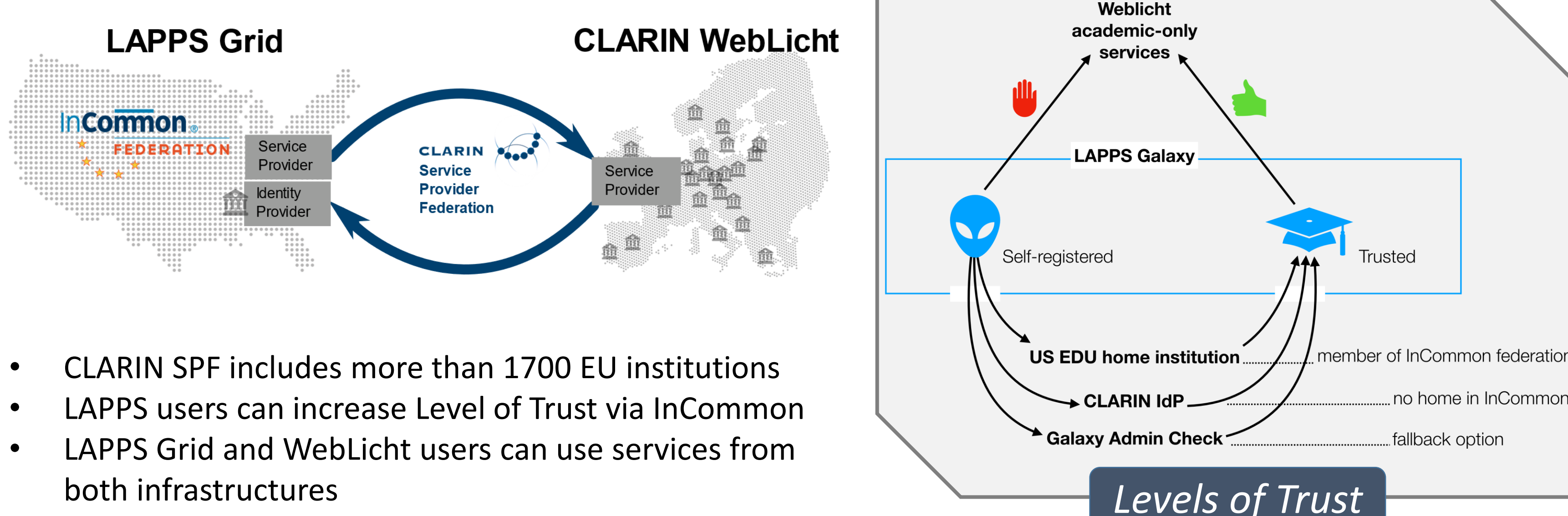
Semantic Interoperability

- Semantic interoperability causing fewer problems for us than expected.
- Covering the core only
- No attempt to map tagsets
- Projects focus on similar tools



AAI

Authentication Authorization Infrastructure



Communication Protocols

