## Reasoning in JSON-LD?

- Leverage use of anonymously named graphs to do implication (log:implies).
  - Requires a way to identify universal quantifiers (existential quantifiers simply blank nodes)

## Notation3

## JSON-LD 1.1

- It's been over three years since JSON-LD 1.0 was published, and feature requests have been mounting:
  - 36 issues addressed since 1.0 (15 still open)
  - Use objects to index into collections, rather than only array form
    - Previously restricted to @index and @language. Now available on @id and @type.
    - Can include @set with other container types (e.g.: "@container": ["@set", "@language"]).
  - Framing, never complete in 1.0. Now provides ability to match on @id, inclusive or exclusive @type, property values, and specifics of a value object. Supports framing of datasets, not just graphs.
  - Contexts scoped to terms: property values or entities using a given type term can overlay terms-specific contexts.
  - Ignore some elements of JSON structure.
  - Abstract from JSON-itself, allowing for <u>YAML</u>, <u>CBOR</u> and other LD representations.