RDF-Star WG

`"2023-10-26"^^xsd:date`

Requirements for Usage

- Access and query via HTTP
  - Publish
  - Re-publish

- Occurrence of what?
  - Retrieval of the entire document is not always practical
  - Detached in result sets
  - Need access to the triples to republish

- SPARQL
  To query (access) an occurrence, occurrences should be addressable.
  - There are no data blank nodes in SPARQL queries
  - Blank nodes in results do not have distinguishing identity outside the result set
  - Occurrence are resources - allow URIs.
  - BGP matching : subgraph pattern

Questions for Name Graph Proposals

"Blank nodes are treated as simply indicating the existence of a thing, without using an IRI to [identify](#) any particular thing. This is not the same as assuming that the blank node indicates an 'unknown' IRI."

- Why blank nodes? Tunneling through specs
  - No terms!
  - "Same occurrence" is document scoped
  - Multiple tokens, same set of triples? unique names?
  - Which occurrence?

- Better to define a "naming" element with the right characteristics.

```
_:a { :s :p :o }
_:a :source <http://place/>
_:b { :s :p :o }
_:b :source <http://place/>
_:c { :s :p :o }
_:c :source <http://elsewhere/>

_:d { :s :p :o }
```

Term Proposals

Graph Term

- Encode as list of triples
  - Small data
- Provide access
  - Large data

Triple Terms

Have a representation (CG)

Grouping of triple terms?