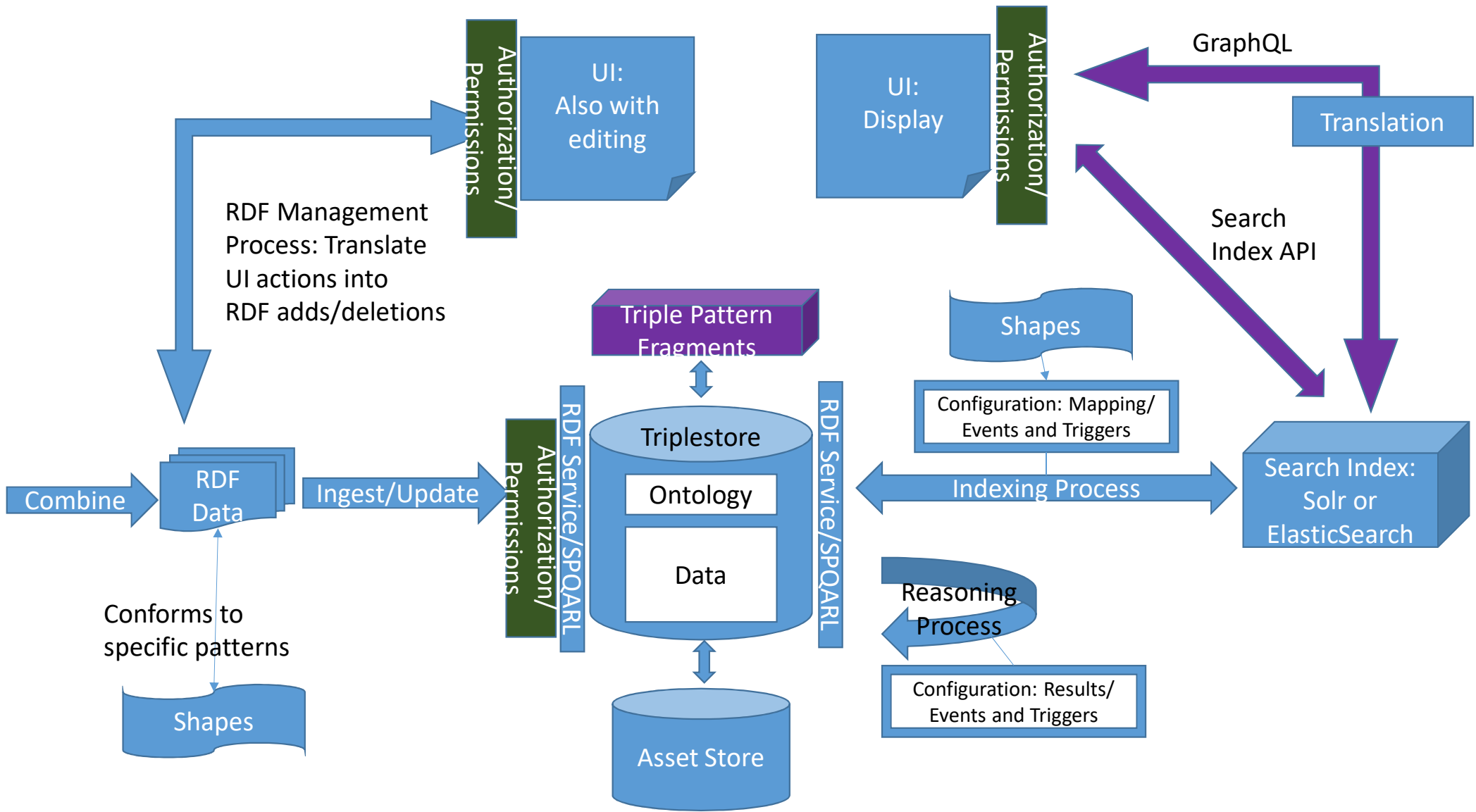
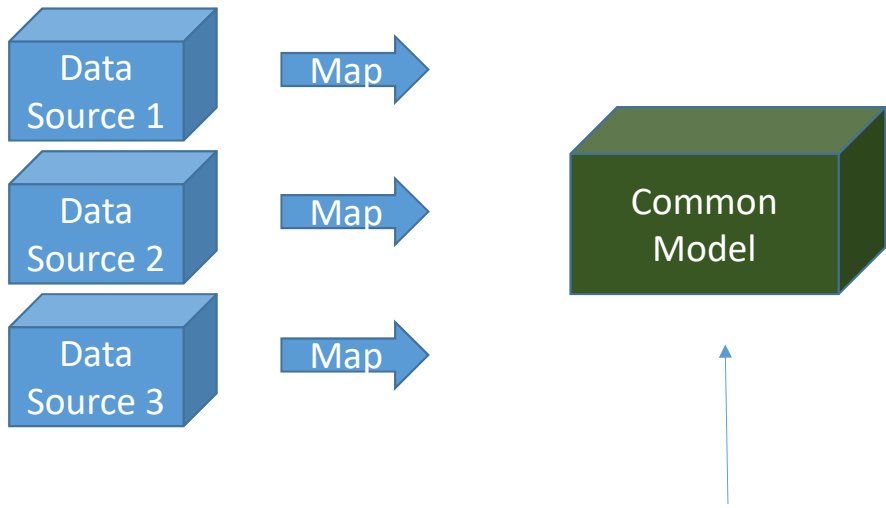


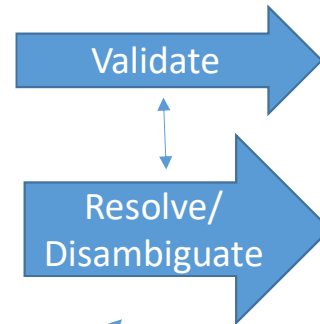
When androids dream of ...  
oh you know



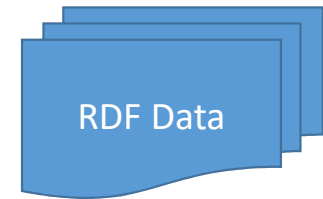
Extract/Transform:  
Map to common model based on shapes



Validate data based on shapes.  
Deduplicate/disambiguate.



Generate serialization of  
RDF Data in requested  
format: N3, JSON-LD,  
quads, etc.



Additions that can be sent  
to VIVO using the  
ingest/update API



Indexing Process

**Event Configuration:**

Trigger Indexing When Indexing Request Received.  
Trigger Indexing When New Triples Added using Ingest/Update API.

**Mapping Configuration (Index field => Query):**

Entity Type => Select ?type WHERE {?individual ...}  
Person Position => Select ?label WHERE {?person...}  
Publication Author => Select ?person WHERE {?publication ...}  
Grant Investigator => Select ?person WHERE {?grant ...}

*Person Shape*

*Publication Shape*

*Grant Shape*

Search Indexer:  
Document Modifiers  
(i.e. mapping config)

Search Engine Interface

Execute Queries  
Add structured document

Solr Implementation

Populate index

Solr

Elastic Search Implementation

Elastic Search