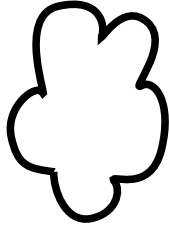
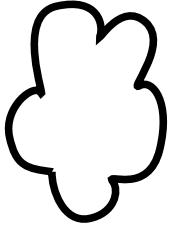
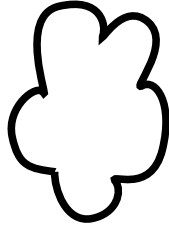


Ingest  
Source

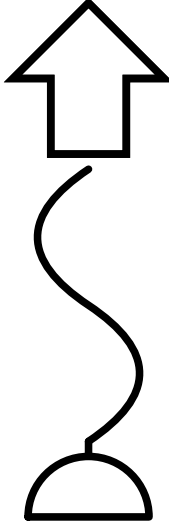


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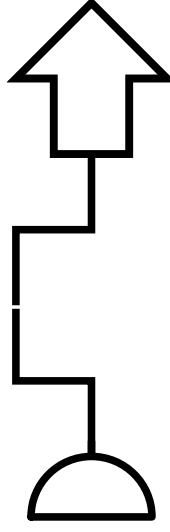


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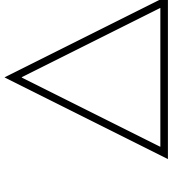
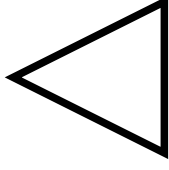
Dipper



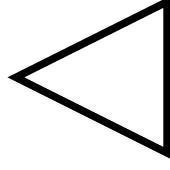
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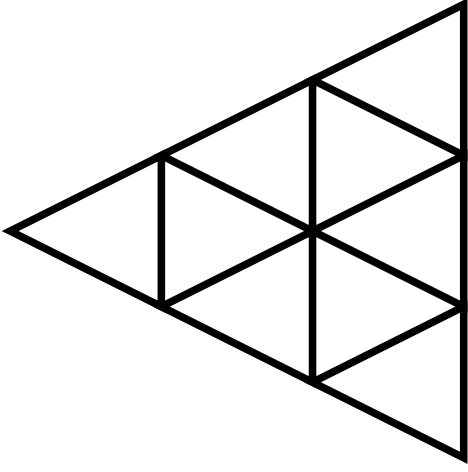
RDF model



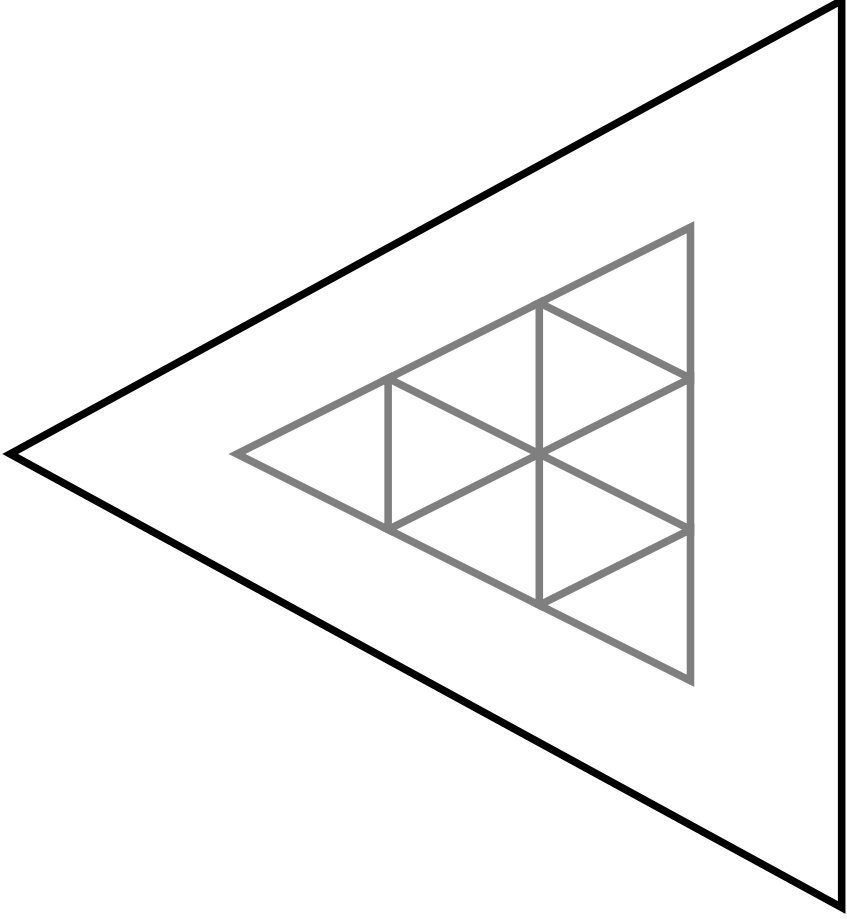
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Each ingest takes a slightly  
different path to arrive  
at a consistent state

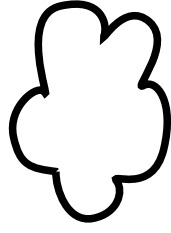
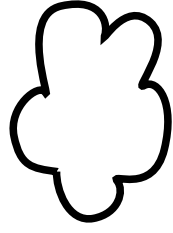


Dipper RDF models  
work with one another

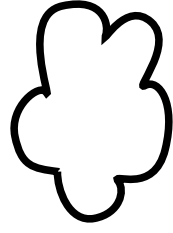


Dipper RDF models are reasoned over  
resulting in novel statements not  
found in any single ingest

Ingest  
Source



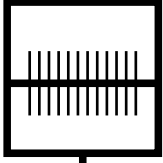
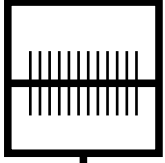
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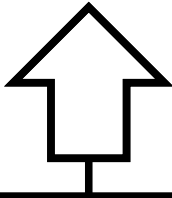
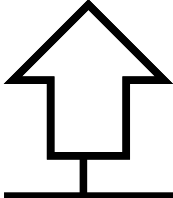
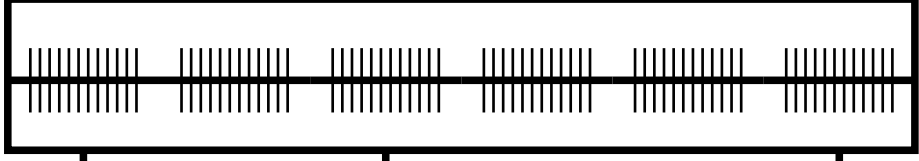
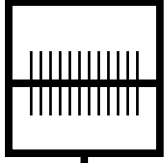
Refactored Dipper  
Local Global



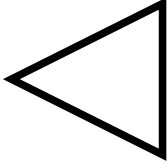
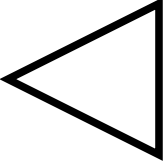
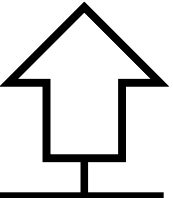
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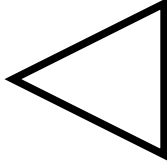
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...



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Local Translation table

Ingest's Word	Monarch's Word
Ingest's Word	Ontology Label

Global Translation table

Ontology Label	Ontology Term Curie
Ontology Label	Ontology Term Curie

Global Ontology Lables are the only related text expressed in code