

Semantic Web Knowledge

Bio2RDF

Linked Life Data

UniProt

RDFScope



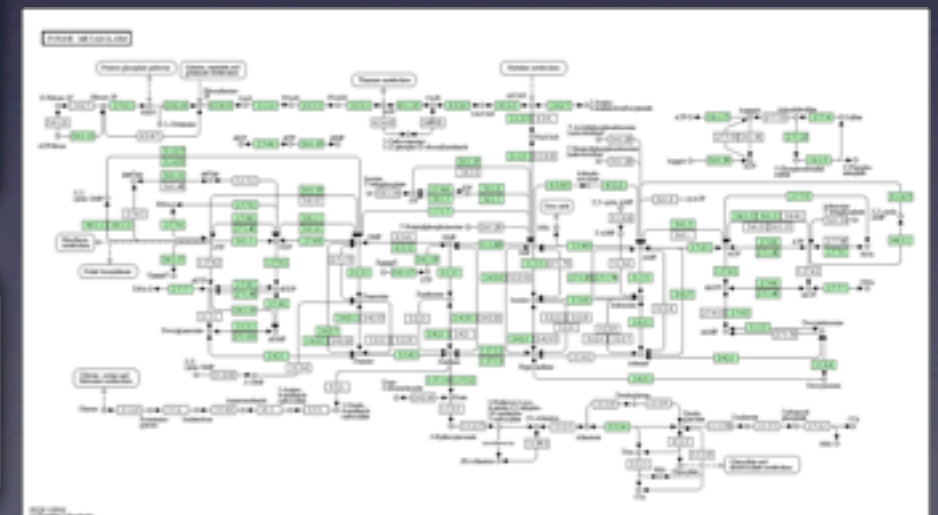
Large Scale Network Data

PSICQUIC



BioPAX Reader

KEGG?



Human Curated Pathways

Semantic Web Knowledge

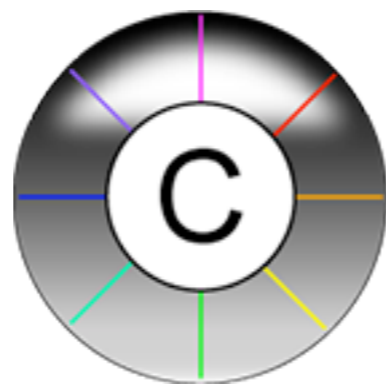
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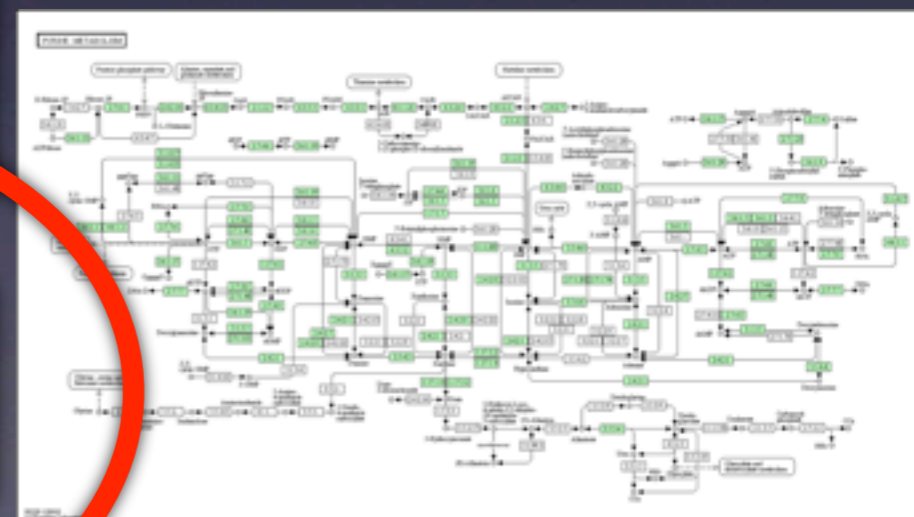


RDFoScape



BioPAX Reader

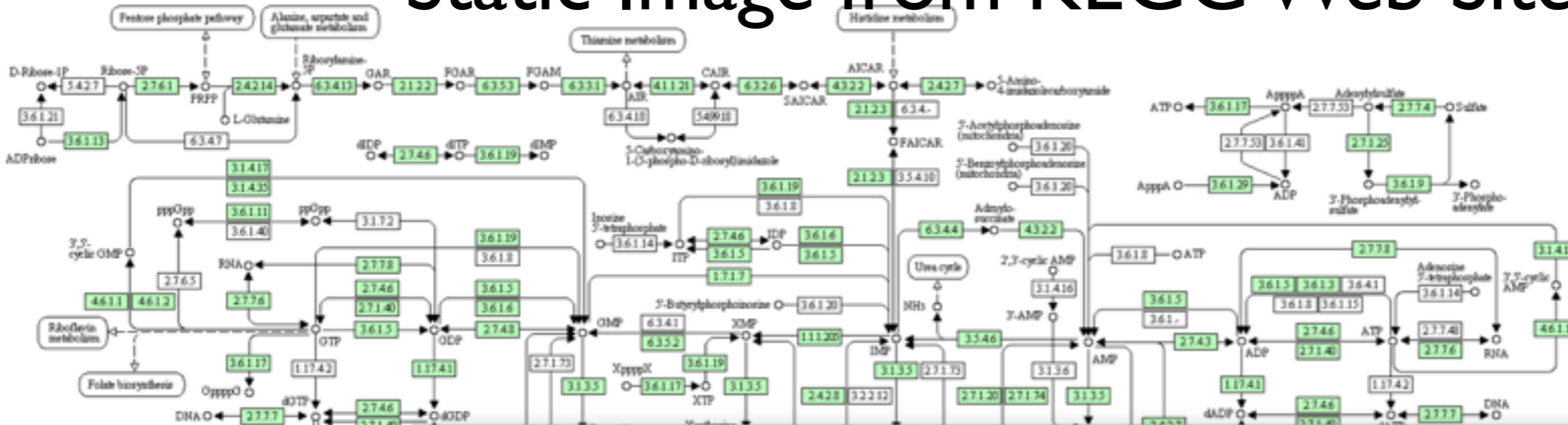
KEGG?



Human Curated Pathways

Static Image from KEGG Web Site

PURINE METABOLISM



Cytoscape Desktop (New Session)

Control Panel

Network	Edges	Nodes
Purine metabolism	201(0)	261(0)

Purine metabolism

Cytoscape KGML Reader

TODO

- Add example query libraries for RDFScope
 - Instead of typing SPARQL query, add commonly used query as library.
- More advanced feature for KEGG Reader
- Easy to use data mapper (From Semantic Web knowledge to plain network data)