

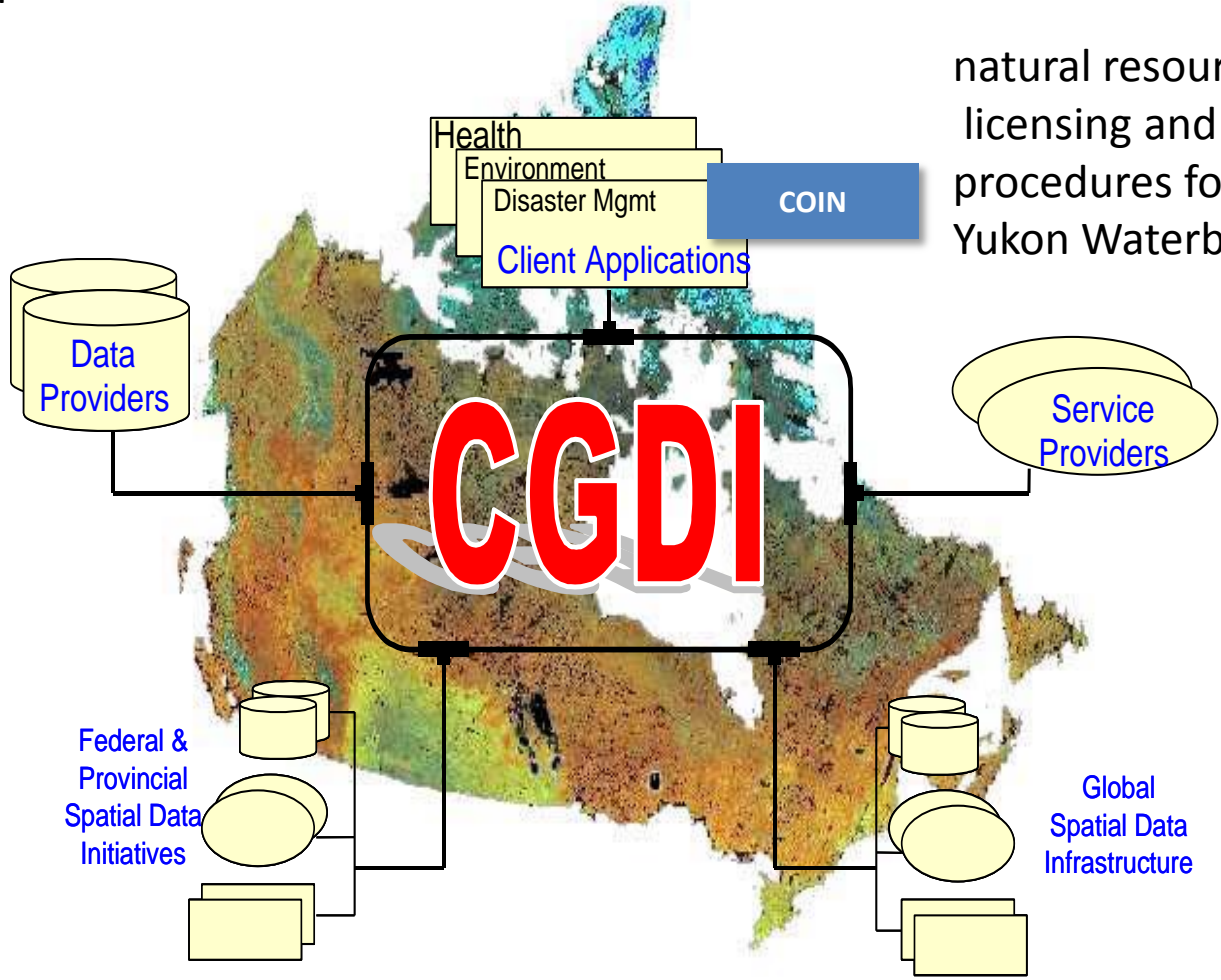
COIN's Architecture Overview

Philippe Genoud
(Philippe.Genoud@imag.fr)

COIN Workshop – June 18 2014

Cindy Mitchell 's presentation
YWB 17/06/2014

The CGDI...



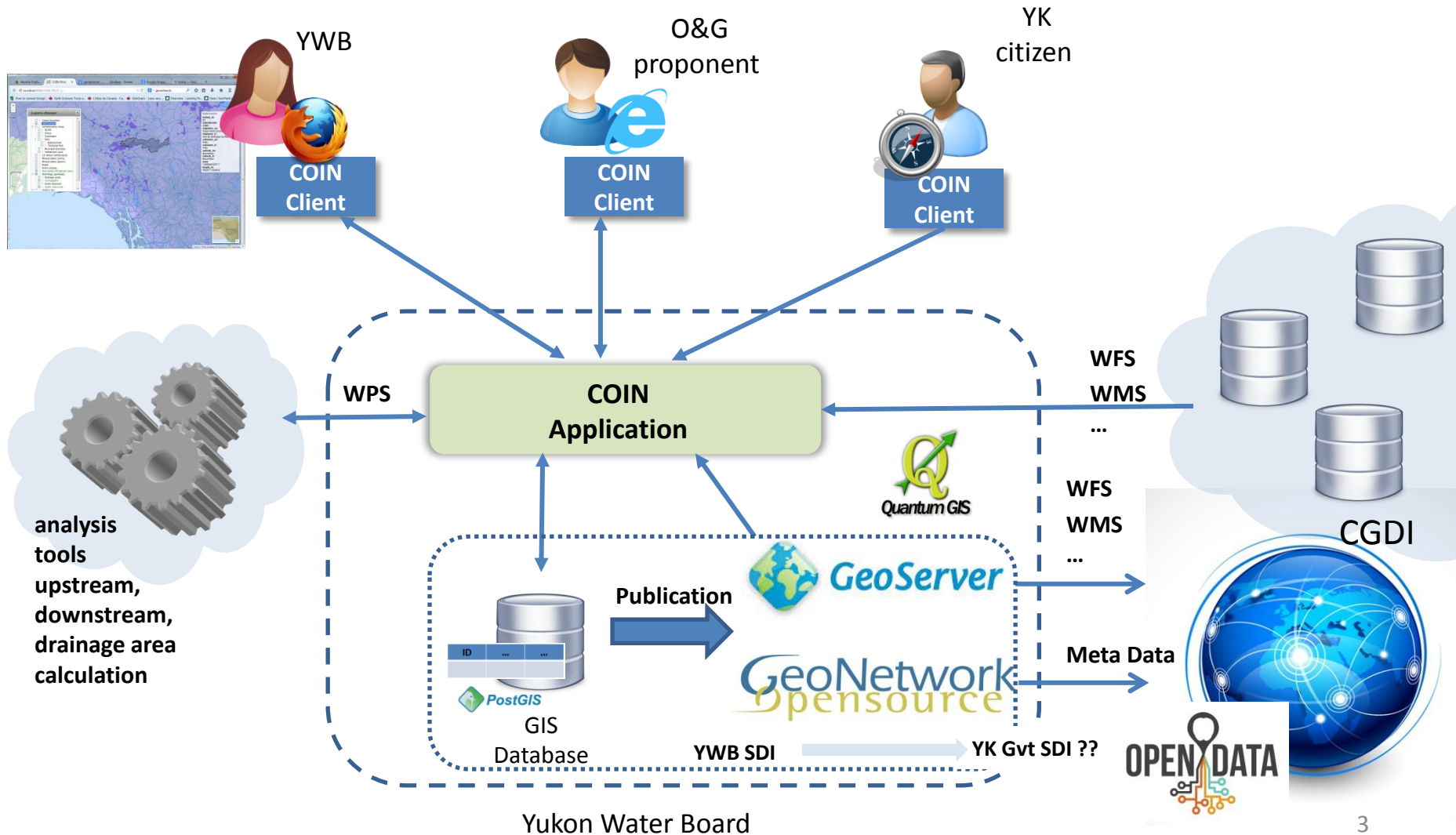
natural resource (water)
licensing and allocation
procedures for O&G
Yukon Waterboard

... a distributed system of systems.

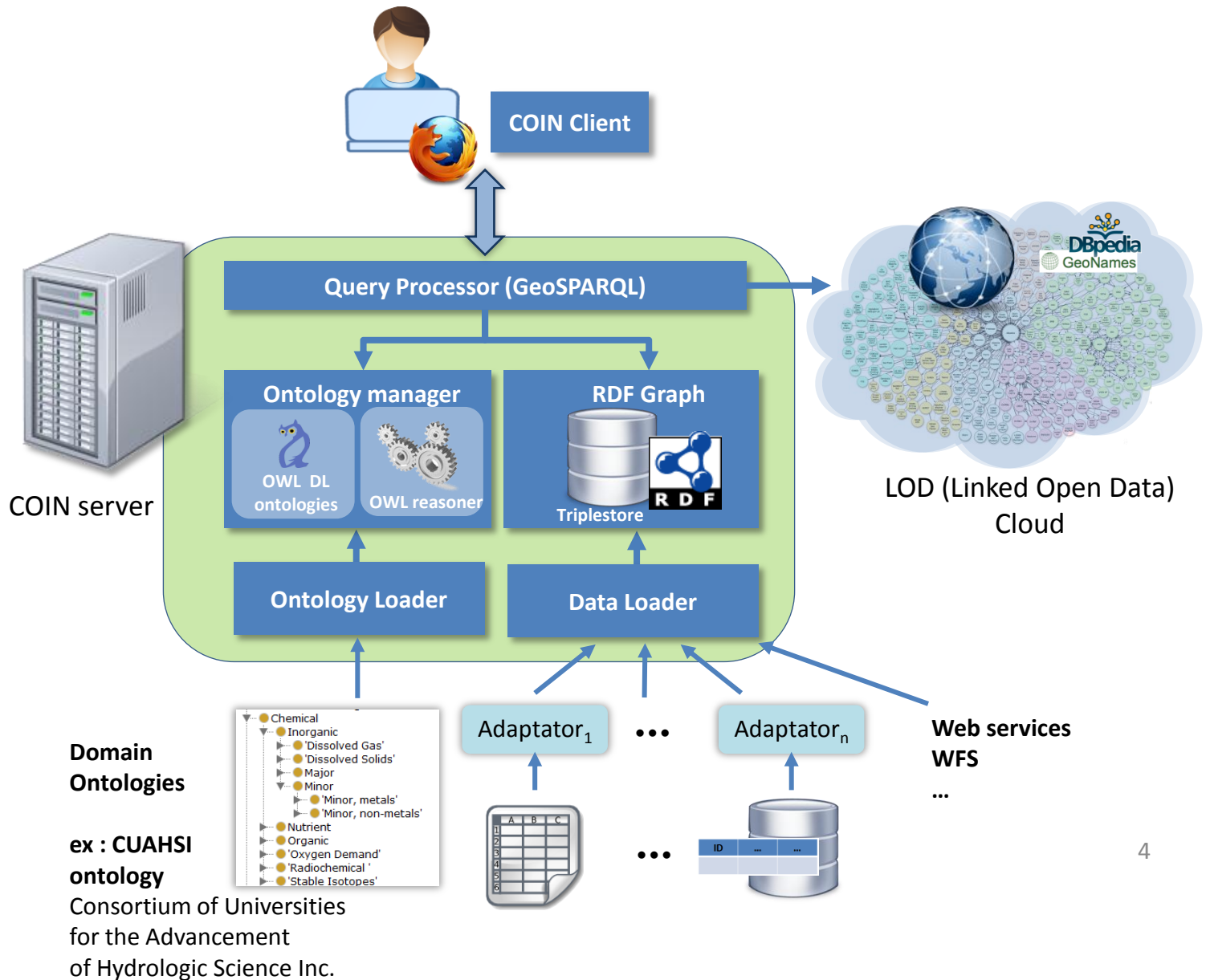


COIN : Coordinated Online Information Network

natural resource (water) licensing and allocation procedures for O&G



Architecture



- Data Review
 - which data are usefull for licensing and allocation procedures for O&G
- Identification of software components
 - WebMapping (leaflet, open layers)
 - Geomatics (Geoserver, Geonetwork)
 - Database (Postgres + PostGIS)
 - Geosemantics (RDF, RDFS, OWL , SPARQL, GeoSPARQL, Apache Jena, OWL API, Parliament)
- Use cases
 - actors
 - user stories
- Agile development
 - incremental approach