

Miel Vander Sande

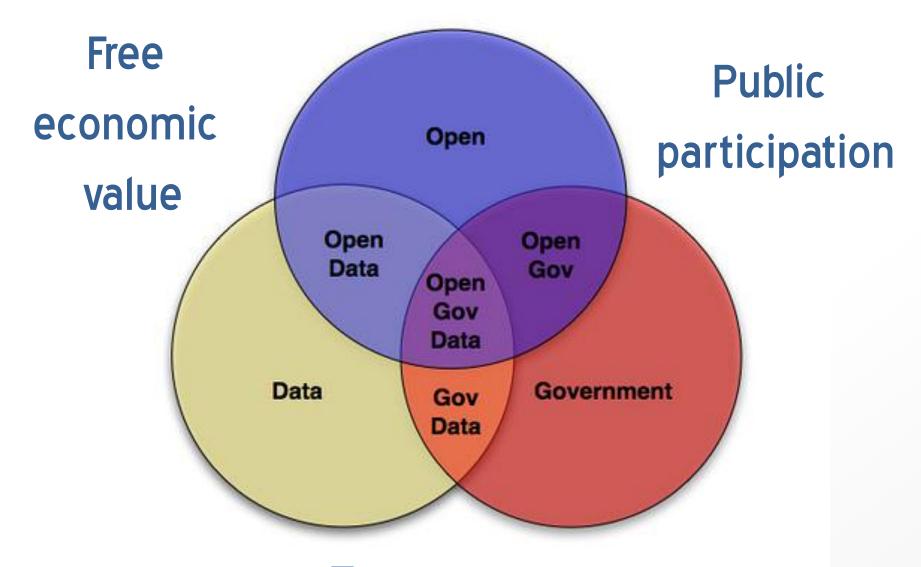
Pieter Colpaert, Davy Van Deursen, Erik Mannens, Rik Van de Walle











Transparency







Open Data...









Open Data...

It's like me in the morning









Open Data...

It's like a cup of coffee









Taking the first sips

The first time opening data



It usually is...

with little experience careful simple and fast limited

Keep the bar low





Taking the first sips

The data mostly reaches second or third star



Low caffeine level

Plain format

Quite cold

Not dynamic







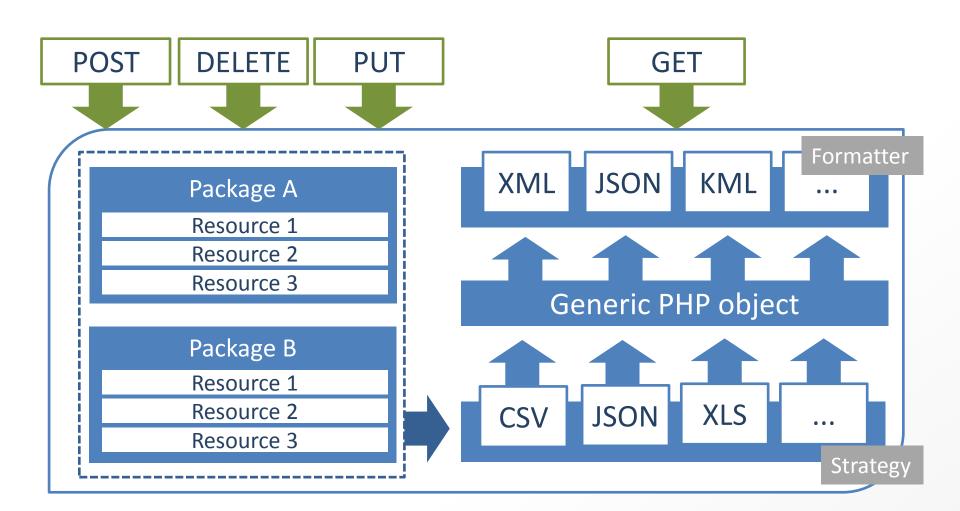


The 5 minute API

FreeFoto.c*m



RESTful









RESTful

FID	SHAPE	BEZEICHNUNG	ADRESSE	BEZIRK	LANGTEXT	
KRANKENHAUSOGD.215	POINT (16.325947568	Kaiserin Elisabe	15., Huglgasse 1-3	(ELISABETH	H-SPITAL) <mark>iuser</mark>	öffentli
KRANKENHAUSOGD.189	POINT (16.390836795	Krankenanstalt R	3., Juchgasse 25	3	Krankenhäuser	öffentli
KRANKENHAUSOGD.1157	POINT (16.344339343	Allgemeines Kran	9., Währinger	9	Krankenhäuser	öffentli
KRANKENHAUSOGD.883	POINT (16.278682990	Krankenhaus Hiet	13., Wolkersbe	13	Krankenhäuser	öffentli
KRANKENHAUSOGD.884	POINT (16.281123811	Krankenhaus Hiet	13., Riedelgas	13	Krankenhäuser	öffentli
KRANKENHAUSOGD.1118	POINT (16.278573016	Sozialmedizinisc	14., Baumgartn	14	Krankenhäuser	öffentli











← → C ↑ (S) datatank.demo.ibbt.be/vienna/hospitals/215/adresse.xml

Hostname

Package Resource Filter



```
<hospitals version="1.0" timestamp="1334309626">
  <adresse>15., Huglgasse 1-3(ELISABETH-SPITAL)</adresse>
</hospitals>
```







Advanced drinker

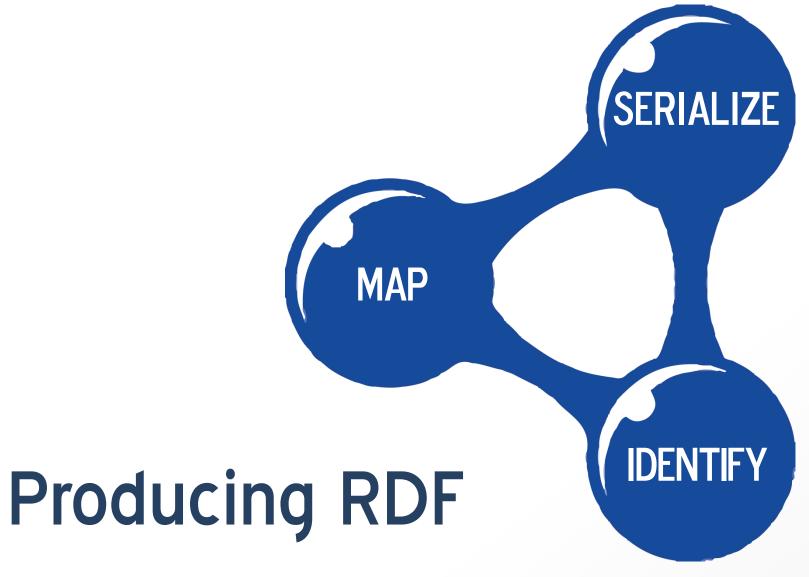
Output **four star** data







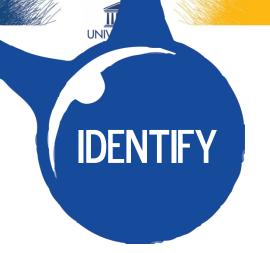












HTTP Range-14

Non Information Resource

GET http://host/package/resource

303 Redirect

http://host/package/resource.about

Information Resource

GET http://host/package/resource.about

200 OK



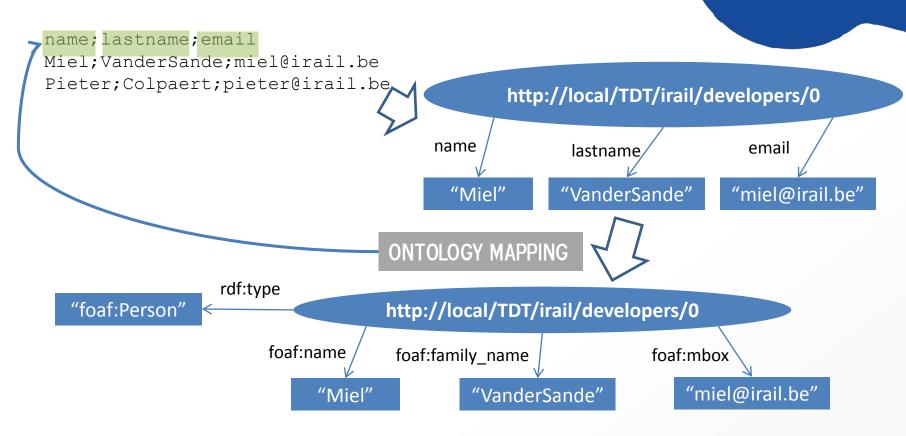




Mapping data object

to ontology members

MAP









An own Ontology,

to describe data structure and mapping

```
@prefix owl:<http://www.w3.org/2002/07/owl\#>.
@prefix rdf:<http://www.w3.org/1999/02/22-rdf-syntax-ns\#>.
@prefix foaf:<http://xmlns.com/foaf/0.1/>.
@base <http://datatank.demo.ibbt.be/TDTInfo/Ontology/>.
<developers> a owl:Class .
```

<developers/stdClass> a owl:Class;
owl:equivalentClass foaf:Person .

<developers/stdClass/name> a rdf:Property;
owl:equivalentProperty foaf:name .

<developers/stdClass/lastname> a rdf:Property;
owl:equivalentProperty foaf:lastname .

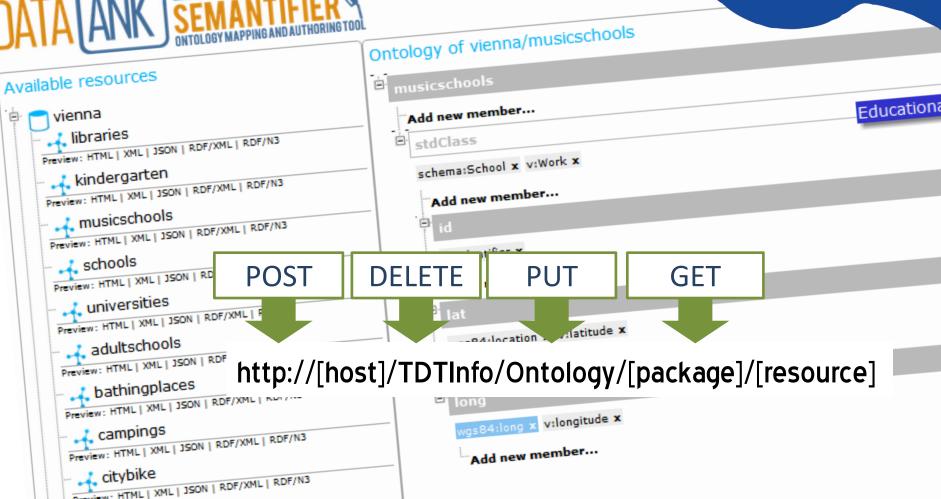
<developers/stdClass/email> a rdf:Property;
owl:equivalentProperty foaf:mbox .









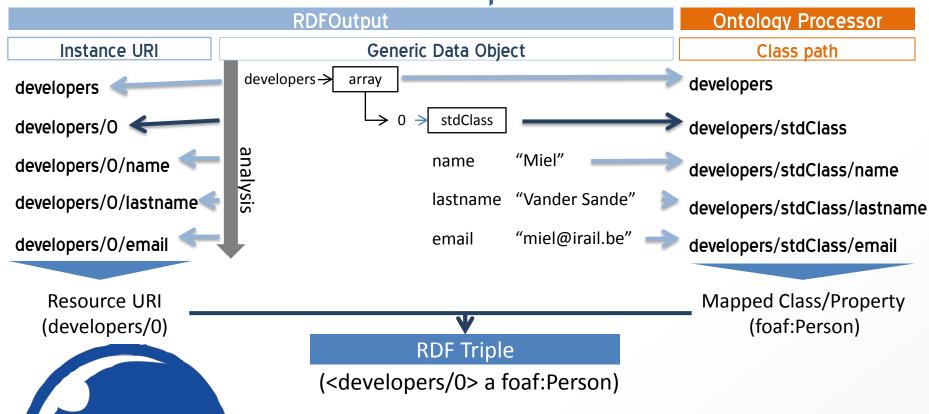




SERIALIZE

Recursive analysis

to derive URIs and assemble triples







n Government Data > Datenkatalog

pen Government Data

Anwendungen

Datenkatalog

- Basiskarten
- Bevölkerung
- Bildung
- , Budget
- Freizeit
- Gesundheit
- Kultur
- » Öffentliche Einrichtungen

Krankenhäuser – Standorte

Mailkeimaass					
Beschreibung	Krankenhäuser, Standorte, Wien				
	Daten- und Kartendienste im Koordinatensystem WGS84 (EPSG:4326):				
Datensatz	Daten- und Kartendienste im 199				
	► GML (WFS)				
	▶ <u>ISON (WFS)</u>				
	► KML (WMS - GeoServer)				
	GeoRSS (WMS - GeoServer)				
	CSV (WFS)				
	ESRI Shapefile (WFS)				

<u>Bedienungshinweise</u>

Suche im Da

Kommunika



▶ @oqdwier

On-the-fly publishing of OGDWien data as RDF

Demo

- Formate
- NeuigkeitenChangelog
 - , Presse
- Nutzungsbedingungen
- Veranstaltungen

	Dem	
	ADRESSE: Adresse (Bezirkshummer) BEZIRK: Wiener Gemeindebezirksnummer LANGTEXT: Krankenhäuser öffentlich/privat	
Zeitraum	aktuell	
Aktualisierung	laufend	
Datenqualität	Verortung auf Basis der topografischen Grundkarte der Stadt Wien (Mehrzweckkarte)	





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Thank you! **QUESTIONS?**

datatank.demo.ibbt.be www.thedatatank.com



