

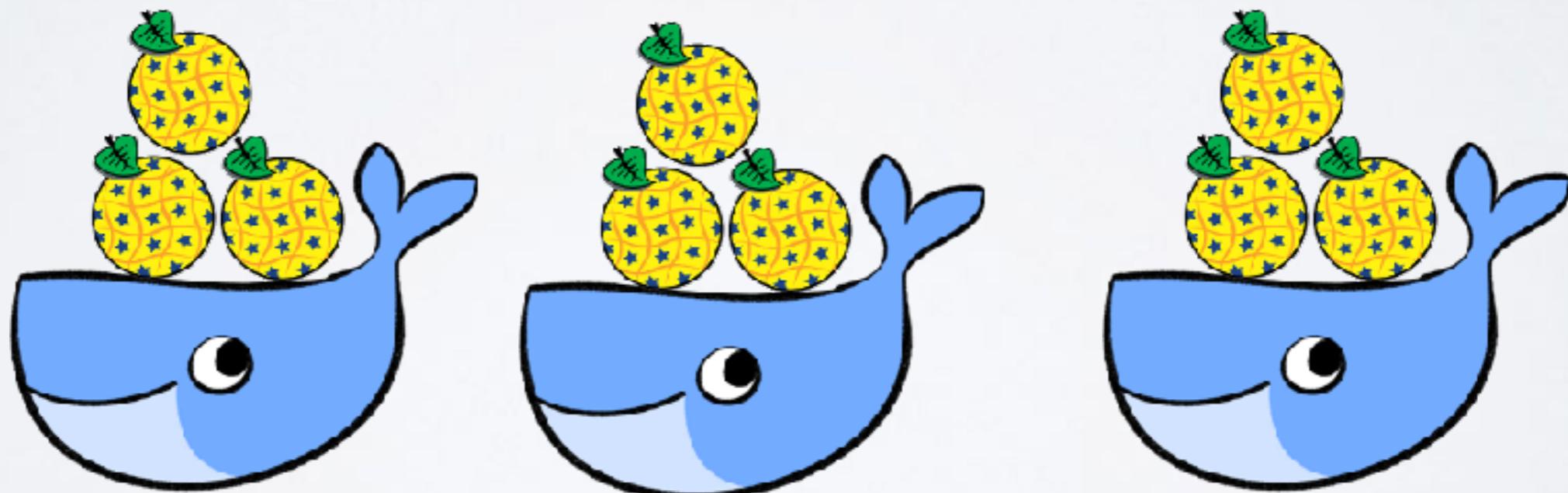
INSPIRE conferentie 2017 report

geonetwork gebruikersgroep nl
paul van genuchten

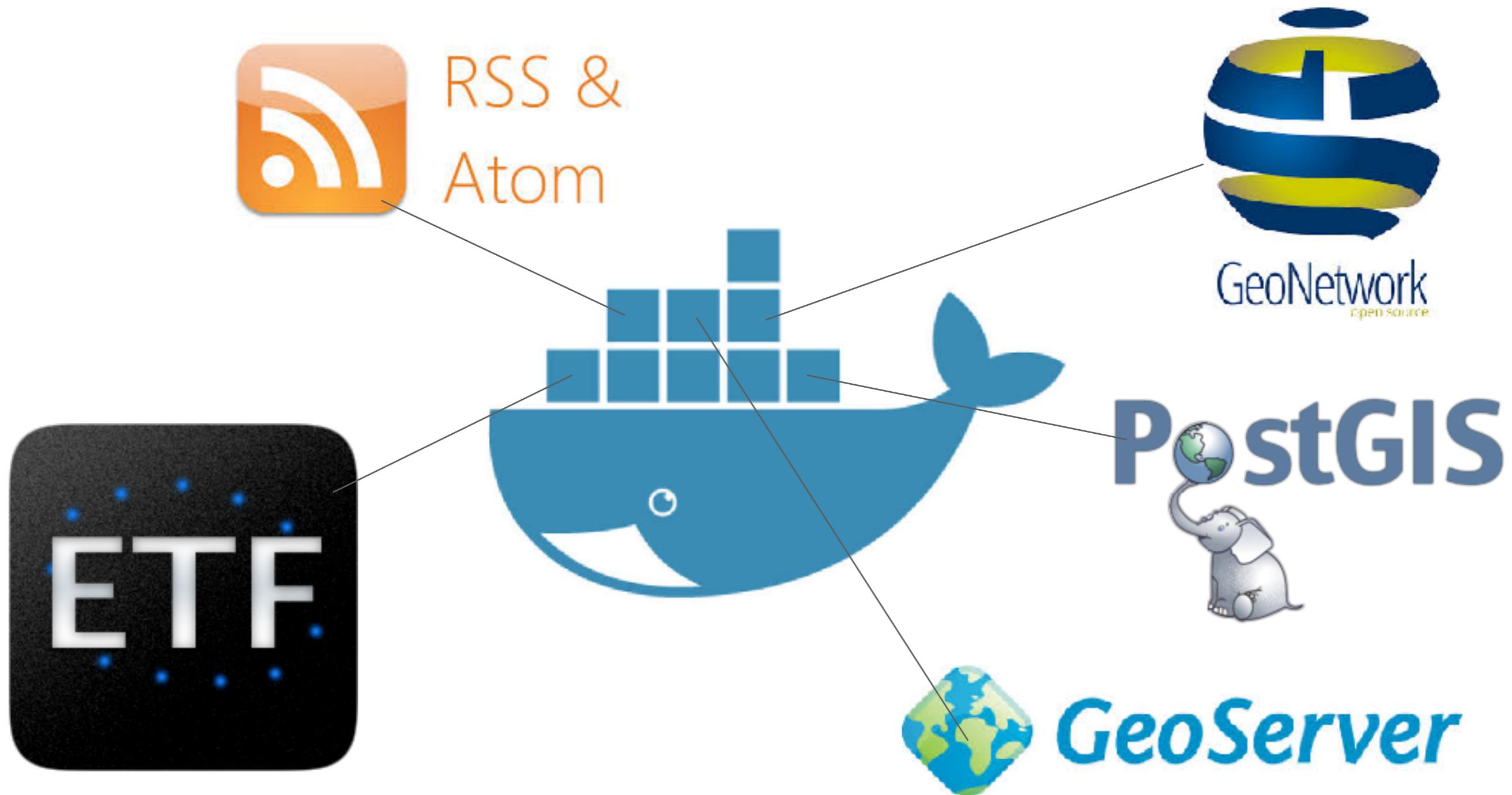
Een selectie van sheets uit presentaties en tweets uit sessies



Workshop INSPIRE ready SDI using docker



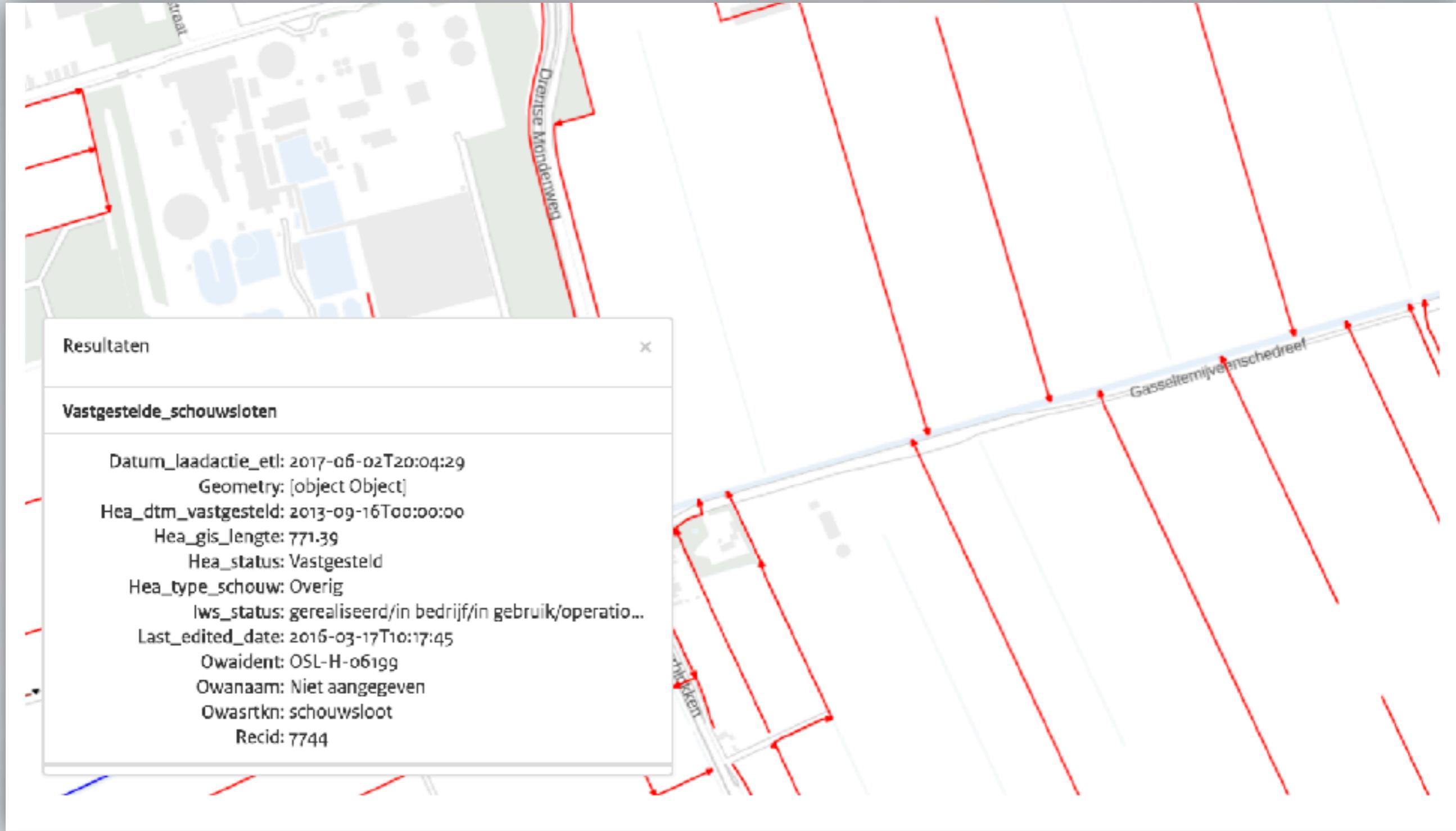
Integratietesten vanuit een docker omgeving



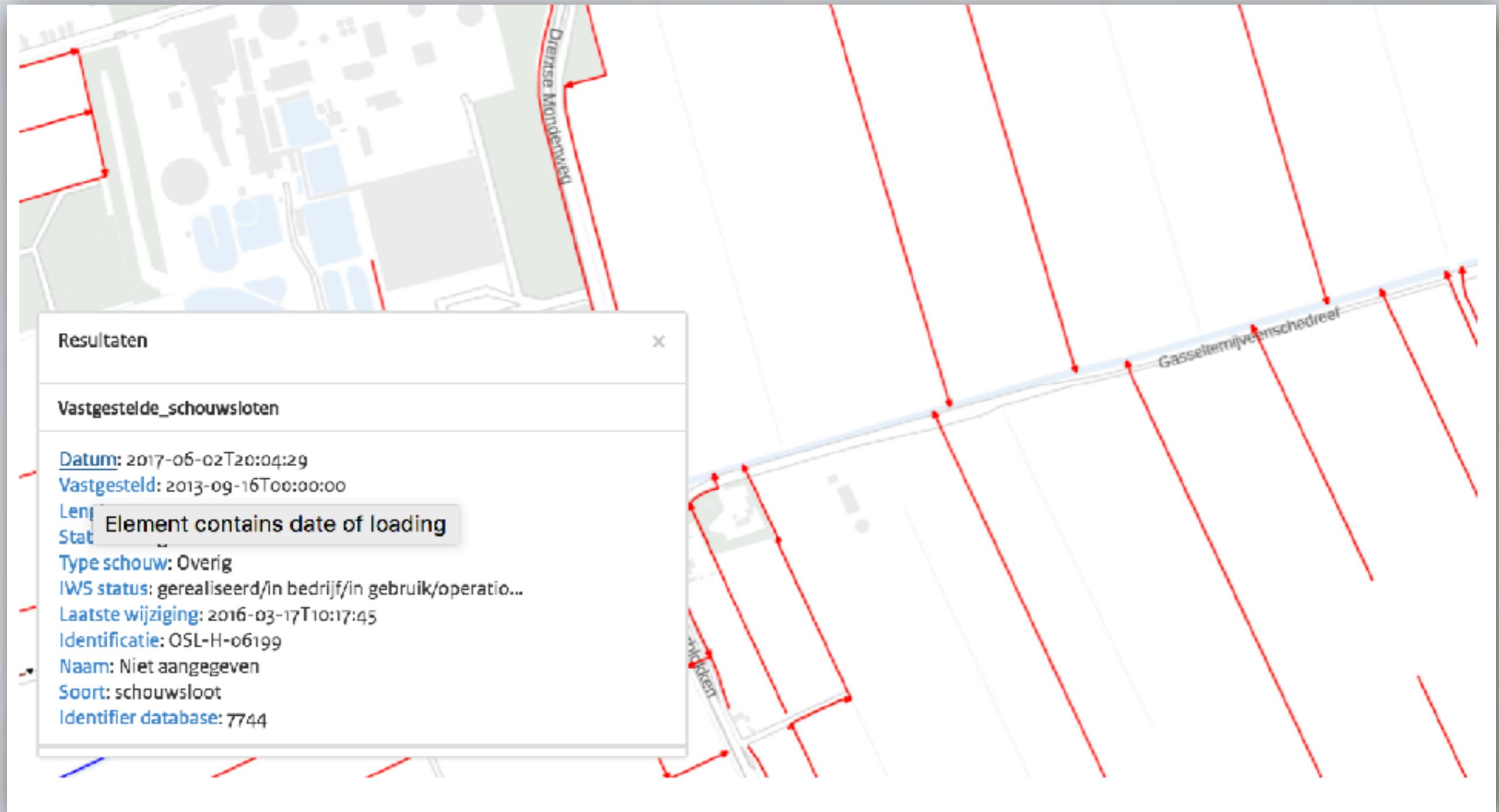
Featurecatalog

- iso19110
- verbeteren van feature info weergave
- basis voor linked data?

THE USER PERSPECTIVE



IMPROVED

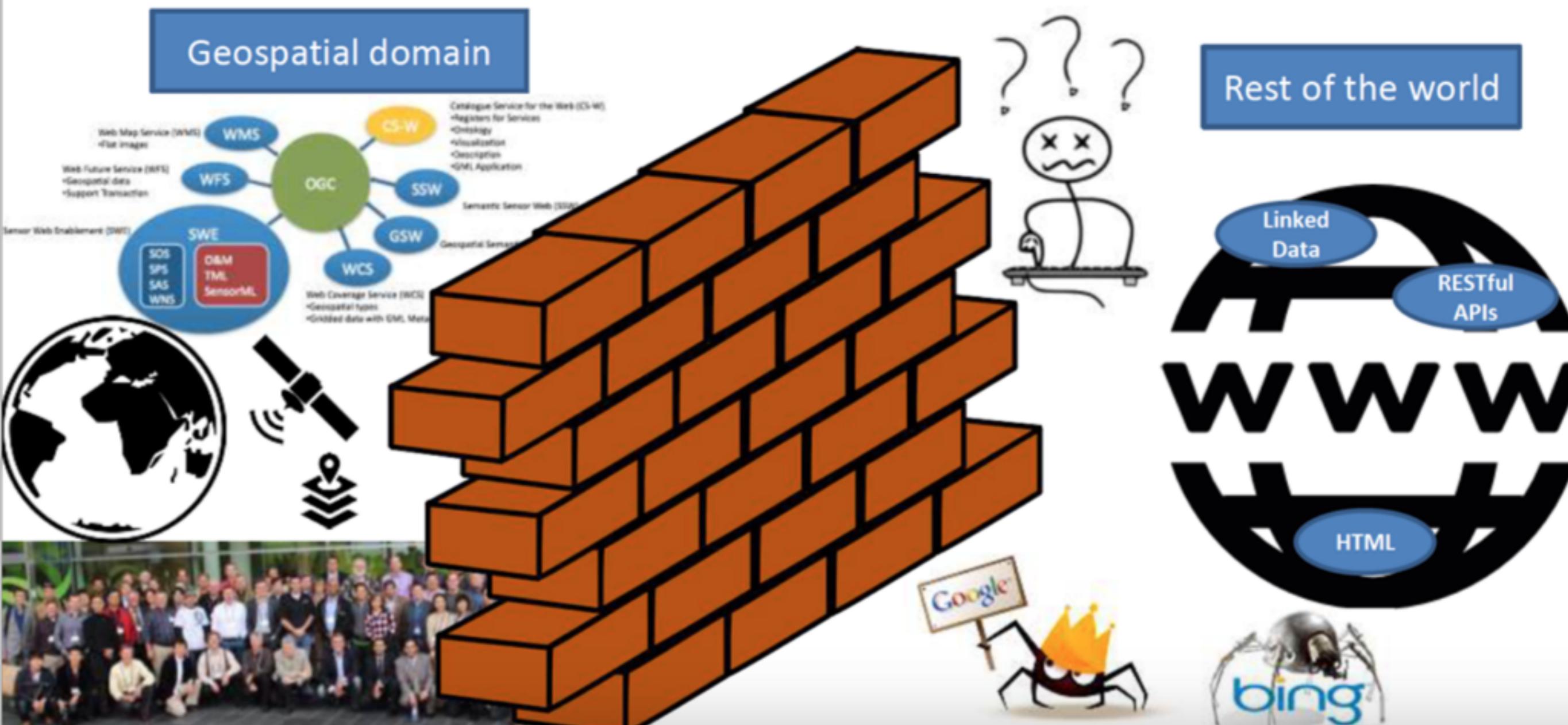


data + iso19110 = json-ld?

```
{  
  "@context": {  
    "name": "http://schema.org/name",  
    "image": {  
      "@id": "http://schema.org/image",  
      "@type": "@id"  
    },  
    "homepage": {  
      "@id": "http://schema.org/url",  
      "@type": "@id"  
    }  
  },  
  "@id": "http://manu.sporny.org"  
  "@type": "http://schema.org/Person"  
  "name": "Manu Sporny",  
  "homepage": "http://manu.sporny.org/",  
  "image": "http://manu.sporny.org/images/manu.png"  
}
```

OGC/INSPIRE and RDF

- het internet omvat vele communities met ieder hun eigen data uitwissel standaarden, als een community erg gestandaardiseerd is helpt dat in de communicatie met andere communities
- universele regel; gebruik uri's als identifiers in GML



Html, URL,
microdata, json-
ld, RDFa,
Schema.org,
OpenGraph

RDF, OWL,
DCAT, VOID,
SPARQL, TTL,
DBpedia, SSN

GeoJson,
TopoJson,
VectorTiles,
TMS

OData
stat-dcat

OKFN,
DataPackage,
CSV

INSPIRE HELPS OUT

C.3 Encoding of an external object identifier

Recommendation 15 URLs of spatial objects should be persistent http URIs and include the namespace and the local identifier part of the INSPIRE identifier, if available.

EXAMPLE 1 <http://location.data.gov.uk/so/ad/Address/00BH/123456789012> could be used to encode the external object identifier of an INSPIRE Address spatial object with the namespace "00BH" and the local id "123456789012" (example adapted from [Designing URI Sets for Location, 2011]).

Recommendation 16 In a GML encoding, the external object identifier should be encoded in a `gml:identifier` property of the feature with the `codeSpace` attribute set to <http://inspire.ec.europa.eu/ids>.

INSPIRE IN RDF



INSPIRE
Infrastructure for Spatial Information in Europe

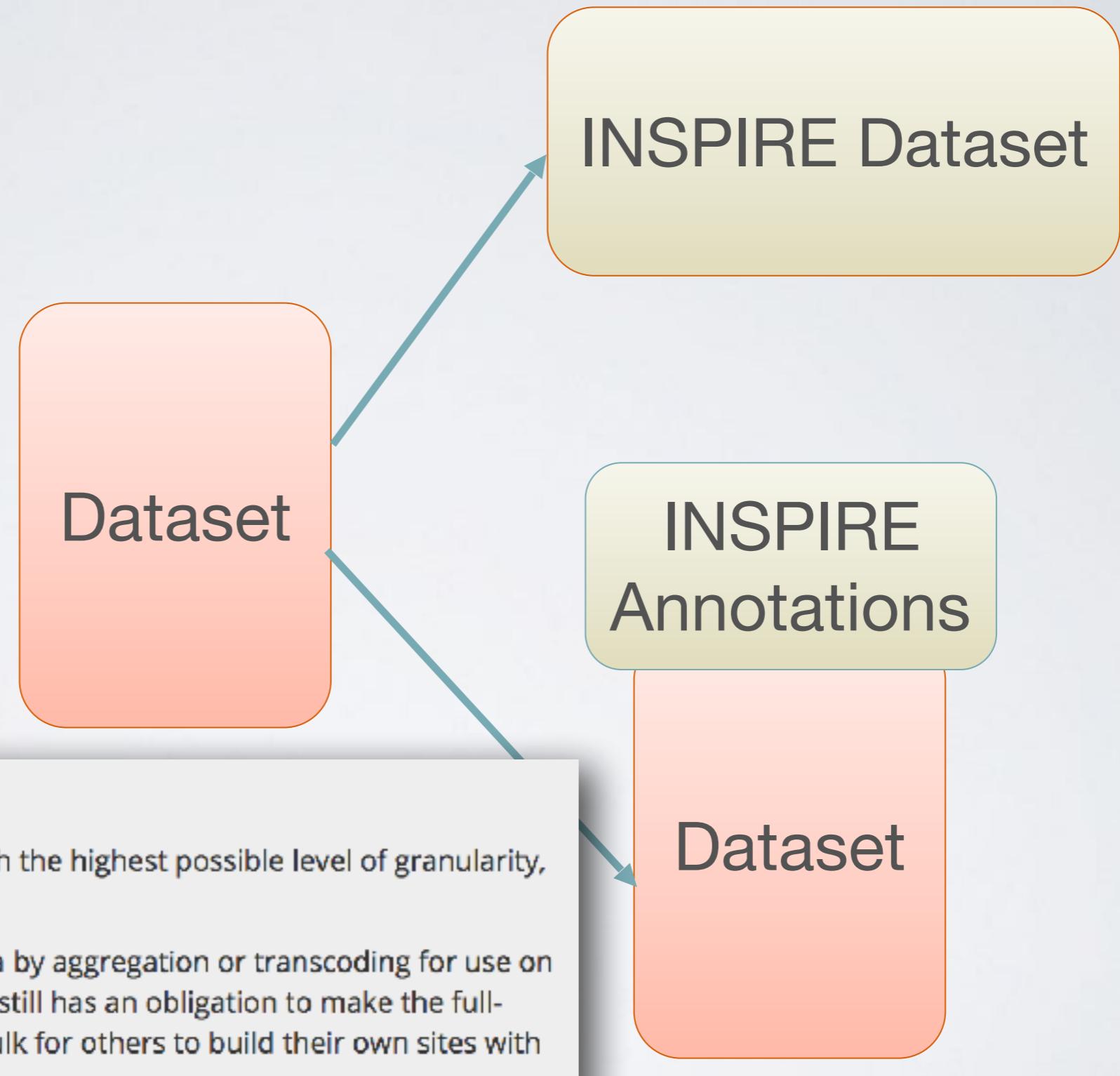


Guidelines for the RDF encoding of spatial data

Title	Guidelines for the RDF encoding of spatial data
Status	Draft
Creator	ARE3NA project "INSPIRE Re3ference Platform Phase 2"
Date	2017-07-17
Subject	INSPIRE encoding rules for representing spatial data as RDF
Publisher	ARE3NA project "INSPIRE Re3ference Platform Phase 2"
Type	Text
Description	This document specifies an experimental encoding rule for representing spatial data sets in INSPIRE as RDF. The use of RDF is optional and does not supersede or replace the requirements regarding encoding specified in Clause 9 of the Data Specifications. This optional encoding is intended to support the e-government and open data community in Europe, which is increasingly looking at RDF to represent data.

<http://inspire-eu-rdf.github.io/inspire-rdf-guidelines/>

TRANSFORMATION VS ANNOTATION



Workshop User feedback

- publiceren van user feedback is een best practice van de ‘data on the web’ working-group
- opslag van feedback in de catalogus of integratie met extern forum/issue tracker.



NGR Nationaal Georegister

Contact Help

Home Zoeken Kaart Actueel Over NGR Voor ontwikkelaars Inloggen

Home / Zoeken / NAPinfo WFS

Actions Weergave

NAPinfo WFS

Brontype: Service

Overzicht van de ligging van publicabele NAP-peilmerken in Nederland. Voor elke peilmerk is naast de NAP-hoogte onder andere de meetdatum, een omschrijving van de locatie en de X- en Y-coördinaat van het merk in het Rijksdriehoekstelsel (RD) gegeven.

Beschrijving Contact gegevens Downloads, views en links

Over deze bron

Trefwoord	hoogtegegevens, peilmerken, nap, infofeatureaccessservice
Gebruiksbeperkingen	Het bestand vrij is om te gebruiken en te downloaden onder het voorbehoud van bronvermelding.
Licenties	https://creativecommons.org/publicdomain/zero/1.c/ deed.nl
Aanmaak datum	2015-11-19
Datum laatste aanpassing	2017-05-29

Technische informatie

Metadata informatie

A map of the Netherlands showing the locations of NAP leveling benchmarks. Major cities like Amsterdam, Rotterdam, and Utrecht are labeled. A yellow rectangle highlights a specific area in the central part of the country. Another map shows the location of the Netherlands relative to surrounding countries like Germany, Belgium, and France.

• <http://nationaalgeoregister.nl>



Ontbrekende gegevens bij NAP Peilmerken WFS ↗

Datasets



Anton

1 mrt. 3

Als ik bijvoorbeeld de gegevens opvraag van een NAP peilmerk via:

<https://geodata.nationaalgeoregister.nl/napinfo/wfs?request=Getfeature&featureId=nappeilmerken.18508> ↗

Den krijg ik keurig de gegevens van dit peilmerk maar ik mis essentiële informatie. Ik mis de volgende velden:

- Pub_tekst
- Muurvlak
- Type bout
- Publicabel of vervallen

Zijn deze gegevens niet beschikbaar via WFS of kan ik deze via een andere requestmethode opvragen?

♥ 🔍 % ⌂ ↵ Antwoorden

gemeld
mrt. 3

laatste antwoord
mrt. 15

7
antwoorden

206
weergaven

2
gebruikers

2
likes

3
kopplingsen



cora_vanoorschot @ PDOK Beheer

mrt. 6

In de WFS zijn de velden pub_tekst en type niet gevuld (leeg). Je kunt dit checken bijv. door de WFS NAP-peilmerken te laden in Qgis en dan de attribuuttafel te openen.

Het muurvlak is wel beschikbaar in de WFS via de velden x_muur_cm en y_muur_cm

Het veld Publicatielabel is niet aanwezig in de WFS.

♥ 🔍 % ⌂ ↵ Antwoorden

• <https://pdokforum.geonovum.nl/>



NAPinfo WFS

Brontype: Service

Overzicht van de ligging van publicabele NAP-peilmerken in Nederland. Voor elke peilmerk is naast de NAP-hoogte onder andere de meetdatum, een omschrijving van de locatie en de X- en Y-coördinaat van het merk in het Rijksdriehoekstelsel (RD) gegeven.

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Trefwoord

Gebruiksbeperkingen

Licenties

Aanmaak datum

Datum laatste aanpassing

Technische informatie

Metadata informatie

Review score
Based on 22 reviews

9.7

Score breakdown

Cleanliness	10
Comfort	9.9
Location	9.8
Facilities	9.7
Staff	9.9
Value for money	9.4
Free WiFi	9.3

450 guests loved their stay

"Close to metro and train stations, very helpful personnel, pleasant atmosphere - I really enjoyed staying there!"

✓ Verified review

J Joanna
Poland

"Some of the nicest staff that I've ever come across in a hostel, with amazingly clean bathrooms and fantastic facilities. This sounds like a cliché but I honestly felt like I was at home in this hostel."

✓ Verified review

K Kristina
Spain

"We had a great stay at this hostel.



info@opengeospatial.org



About ▾ Standards ▾ Innovation ▾ News ▾

Geospatial User Feedback (GUF)

- [1\) Overview](#)
- [2\) Downloads](#)
- [3\) Related News](#)

1) Overview

This standard defines a conceptual Geospatial User Feedback (GUF) data model (OGC 15-097) and a practical XML encoding of the conceptual model (OGC 15-098). Geospatial User Feedback is metadata that is predominantly produced by the consumers of geospatial data products as they use and gain experience with those products. The standard allows for documenting feedback items such as ratings, comments, quality reports, citations, significant events, etc. about the usage

•<http://www.opengeospatial.org/standards/guf>





User Feedback in



- Introduce Feedback mechanism as UI and API
 - Storage
 - Notifications and reviews
- Introduce an OGC:GUF schema-plugin

Workshop ‘analyse your (meta)data trends’

Meanwhile, inside the catalogue...

- Records remain unpublished
- Records not conformant to standards
- Information useful for the user not filled
- Information useful for internal processes not filled
- Discoverability not high enough
- Update is not done
- ...

→ Monitor the quality of metadata

Spaans onderzoek naar nationale portalen

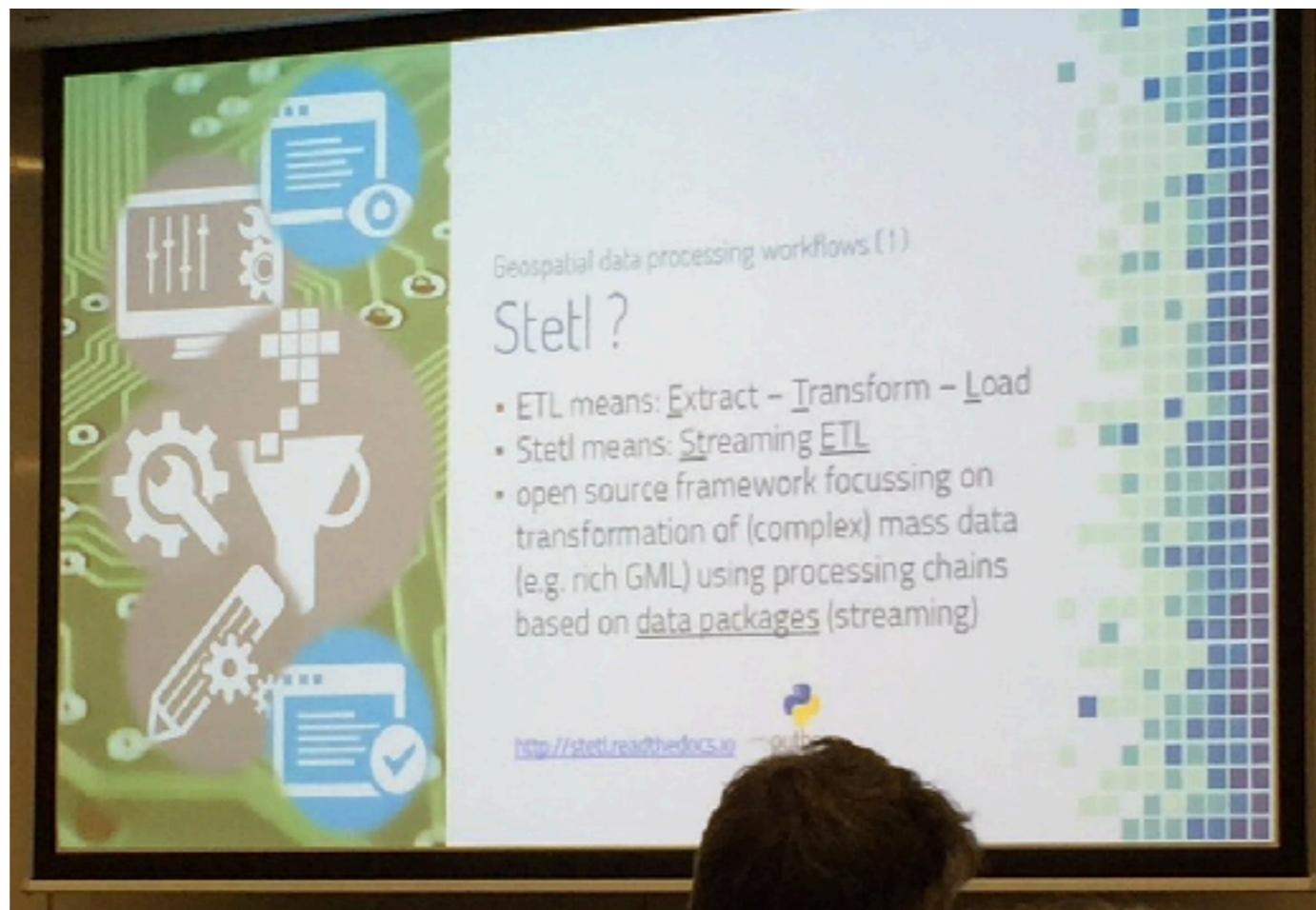
❖ Some conclusions

- Please, have an English version
- It is a good idea to pay attention to Safari
- Test your geoportal using http and https
- Declare clearly the body responsible for the geoportal
- Implement a gazetteer (not only for Ad. Units)
- Promote your geoportal in Wikipedia, GSIDI...
- Consider to use Twitter and social networks
- Use OGC standard in your geoportal
- Explain use conditions
- Look for your geoportal in searching engines
- Make your resources visible

- NSDI geoportal as a store windows of resources

Hergebruik STETL

- stetl.org is ooit door Just vd Broecke ontwikkeld tbv INSPIRE harmonisatie bij PDOK, nu in gebruik in een Duitse universiteit



nieuw concept in SDI's: dimensies (uit data cubes)



impact van GDPR



What does it change ?

2

Increasing accountability of data processors

Privacy by design

Demonstrate
compliance at all
time

Data Protection
Officer (DPO)

Privacy Impact
Assessment (PIA)

Data breaches
notifications

Sub-contractors
obligations

Clarus

« Personal data » in the context of INSPIRE (non-geographical)



ACCESS DATA

information on people who have accessed, read or
downloaded environmental data or who have used a particular
service in relation to environmental information

↗
Personal !

Organisations managing these personal informations, and
particularly public authorities, are requested to protect
them (data breach notification, right to be forgotten, etc.)

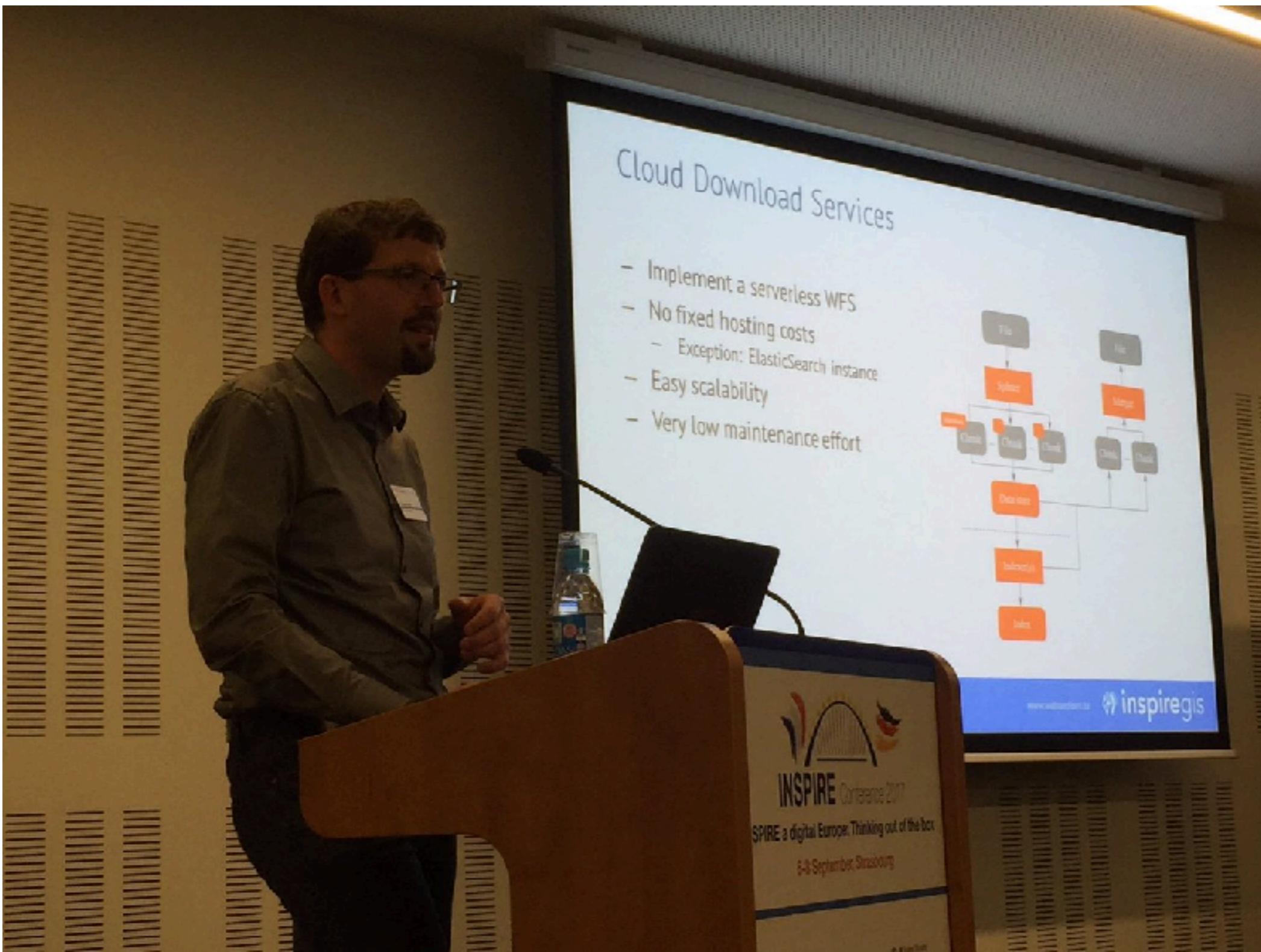


a n o n y m o u s p r e s e n t a t i o n

OSKARI platform



Serverless WFS



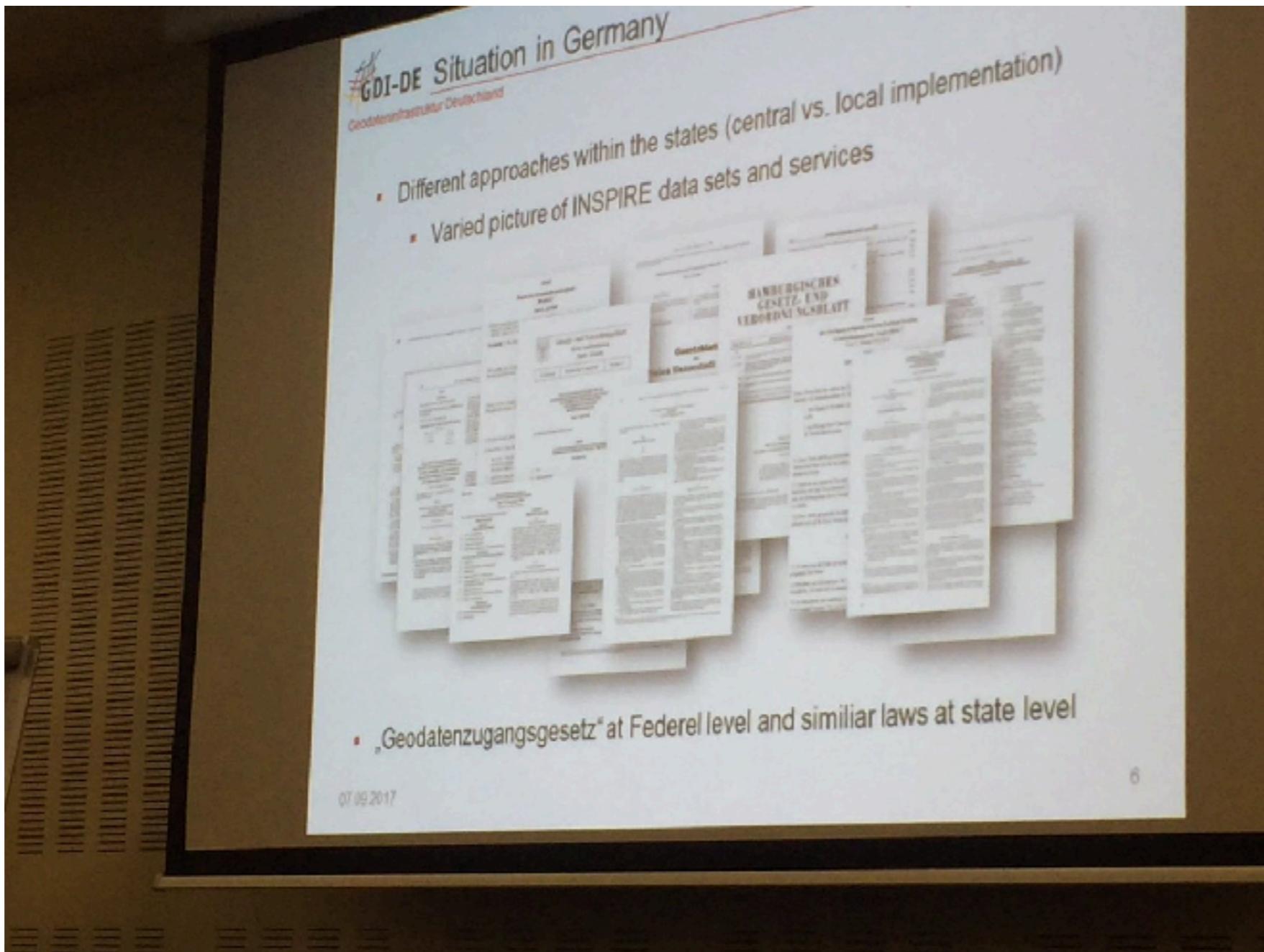
Linked maps

The slide is titled "Research: Linked Maps". It features two hand-drawn prototypes of mobile devices. The left prototype shows a list of locations on the left and a map on the right with points connected by lines. The right prototype shows a similar layout with a more complex map and connection lines. Below the prototypes is a bulleted list:

- Goal: Provide an user experience that matches linked spatial data structures and provides added value to end users
- Coming in hale connect 2.0.0

At the bottom left, there is a small logo and the text "INSPIRE Conference 2017, Strasbourg, France". At the bottom right, there is a logo for "inspiregis" and the website "www.wetransform.io".

Duitsland heeft 16 inspire wetten



geautomatiseerd (meta)data publiceren met FME

