

# Thinking about Next Steps in Open Data ...

## Data Co-ownership and the Creation of a Feedback Loop

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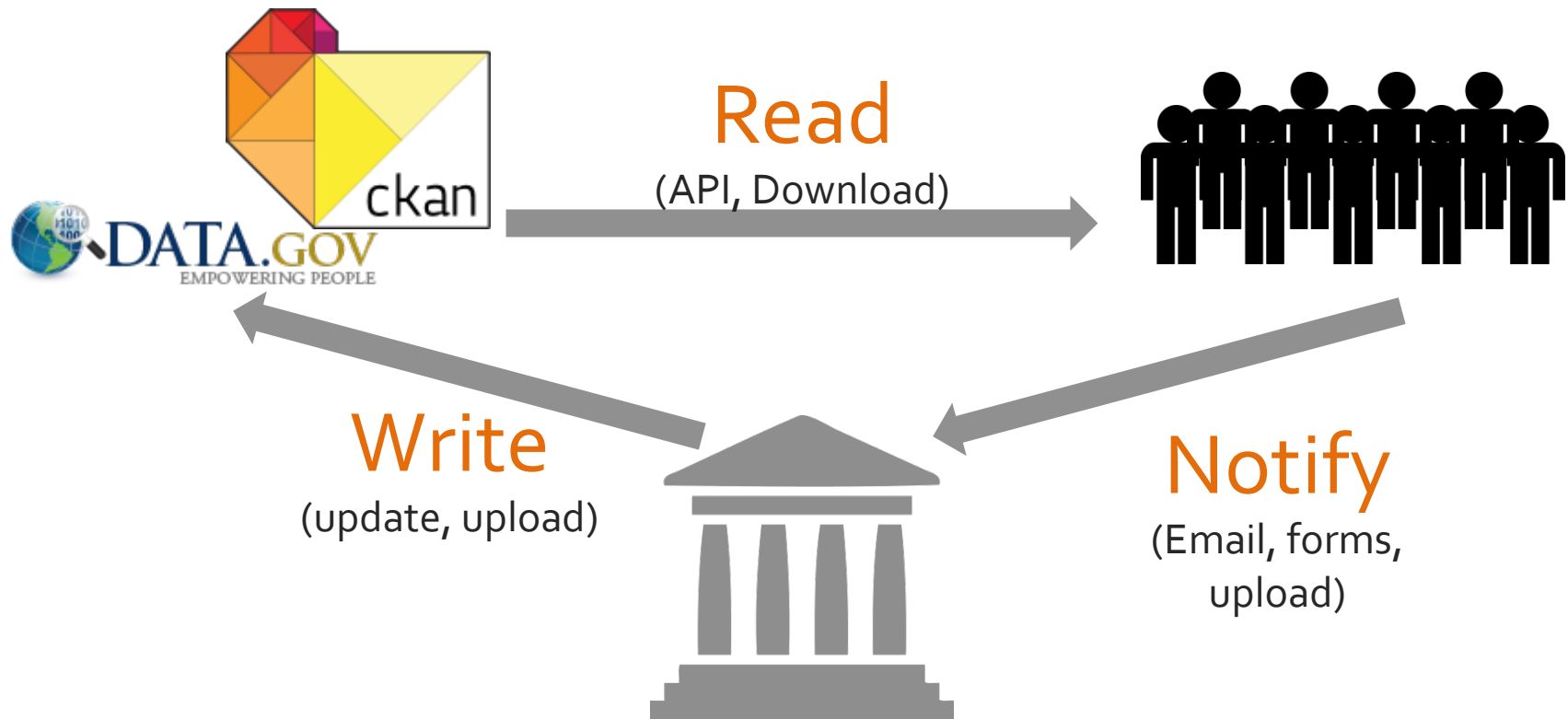
# Consequences & Challenges for Open Data Usage

## 1. Two evolutions

Feedback loop to boost Data Quality  
Data co-ownership

## 2. Supporting legal framework

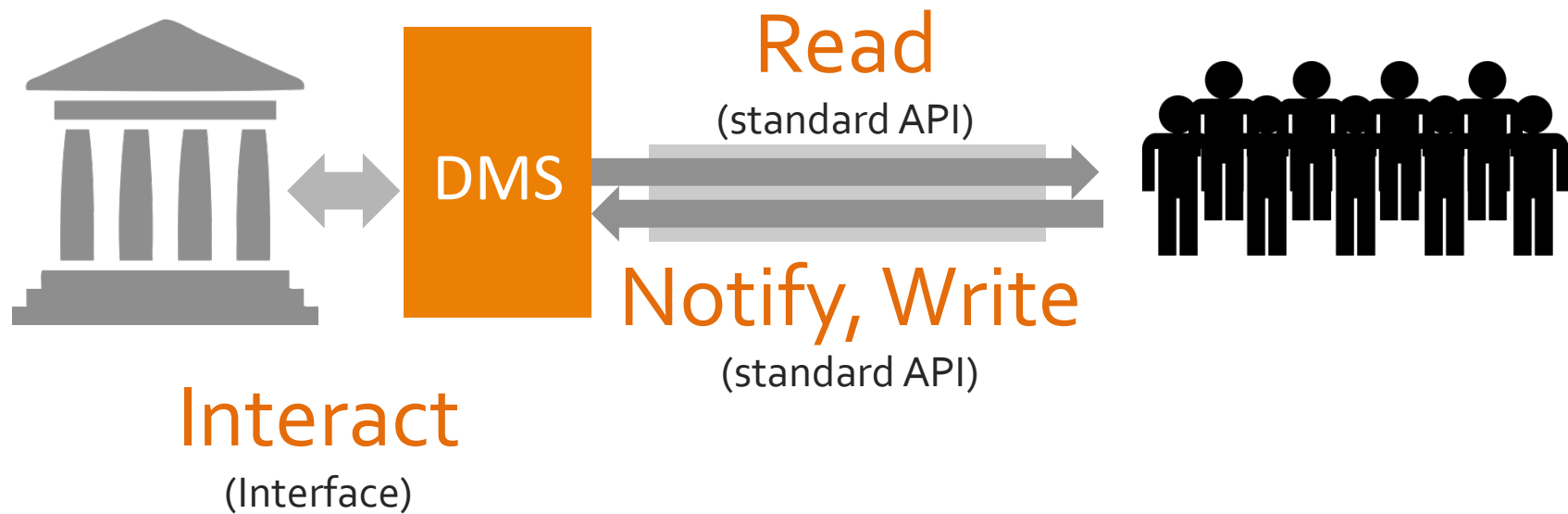
# OGD 2 Consumer: Today



Heterogenous Dual-channelled System

Inefficient Data Management & Incorrect Data

# OGD 2 Consumer: Future



Homogenous Mono-channelled System

From Master-Slave to a more Granular Structure

# Data co-ownership

<b>Restaurants</b> Location Opening hours Menu	<b>Trains</b> Timetable Stations Delays	<b>Busses</b> Timetable Stops Delays	<b>Libraries</b> Location Opening hours Catalogus
<b>Schools</b> Location Curriculum	<b>Metro</b> Timetable Stations Delays	<b>Monuments</b> Location Opening hours Prices	<b>Public Services</b> Opening hours Location
<b>Local businesses</b> Location Type	<b>Civil Servants</b> Name Function	<b>Museums</b> Location Opening hours Prices	<b>Traffic</b> Jams Accidents Parking



Government

# Data co-ownership

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Government



Cultural Organisation

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# Consequences for Consumers?

Looking out ... becomes taking care

Most care ... means ownership

# Consequences for Clients?

- Well-described communication protocol *REST*
- Full feedback support *READ/WRITE web*
- Identification *OpenID & OpenAuth*





# Consequences for Owners?

- Invest in Read/Write infrastructure

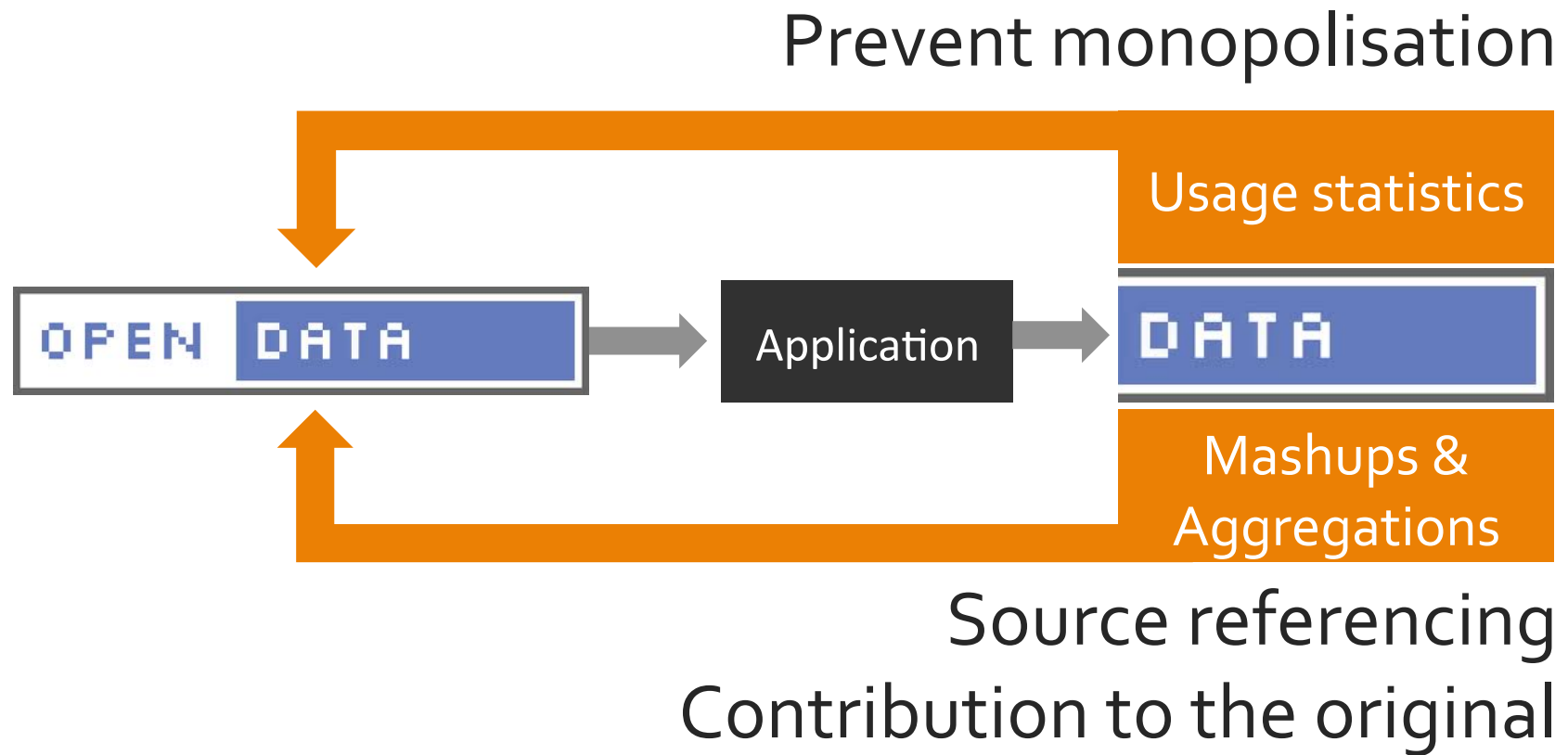
# Consequences for Servers?

- Well-described communication protocol -
- Flexible technologies -
- Version management -
- Conflict management -
- Trust & Provenance management -



*W3C's Linked Data Platform (LDP) WG*

# Needed ... Feedback on Open Data



# Needed ... Supporting Legal Framework

Defining **domains of society** concerning  
Openness

**Well-thought (Viral) licenses**

for enforcing **restrictions**

for enforcing **engagement**



Stimulating governmental investment in

**Re-calculation Platform** (transparency)

# Our own Open Data work:

## Data Publishing & Data Integration

- Free Your Metadata ([freeyourmetadata.org](http://freeyourmetadata.org))
  - 15 mins cleanup of your (meta)data
- OpenSource framework TheDataTank ([thedata tank.com](http://thedata tank.com))
  - 15 mins REST-full API to publish your datasets (according LOD)



## Free Your Metadata

Polish and publish your metadata using Google Refine.



# Discuss!

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# Attributions

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