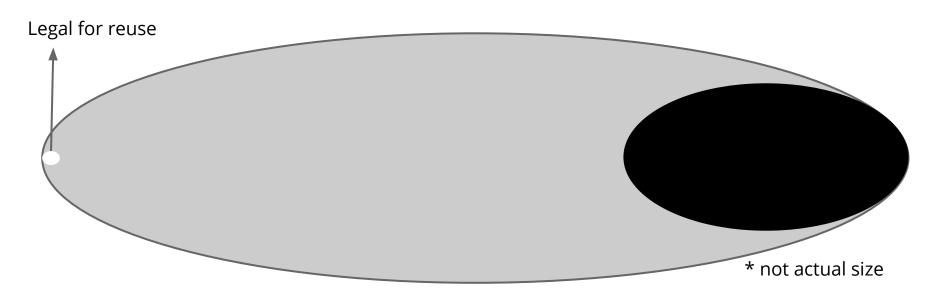
# Optimising Linked Open Data for maximised reuse

Ghent University - MMLab - iMinds Open Knowledge Foundation Belgium @pietercolpaert



# Open Knowledge Foundation

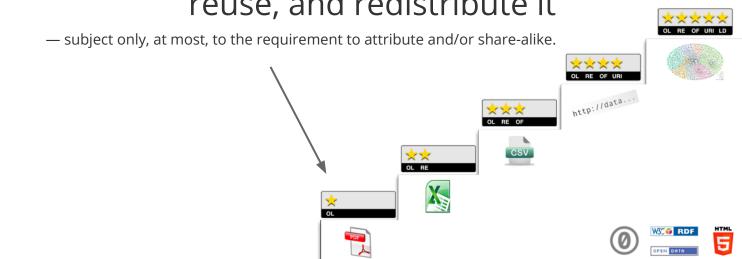
### The gray area of the Web



Put your data in the white area

### **Open Definition.org**

A dataset is open if anyone is free to use, reuse, and redistribute it



## Why would data owners do that?

### Be the authoritative source

Free apps

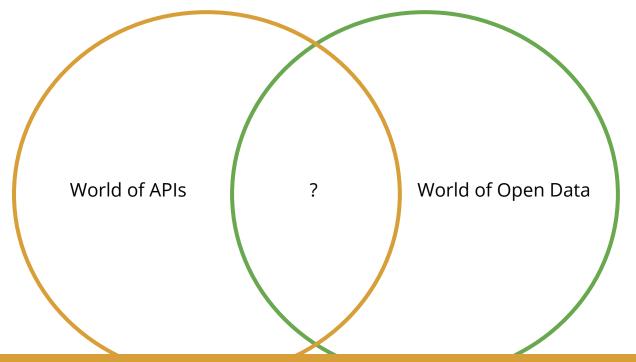
Because they have to

Feedback  $\rightarrow$  data quality  $\uparrow$ 

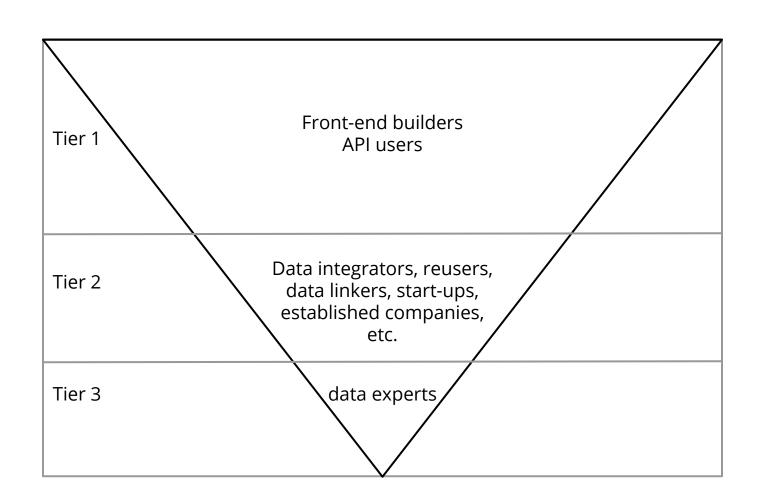
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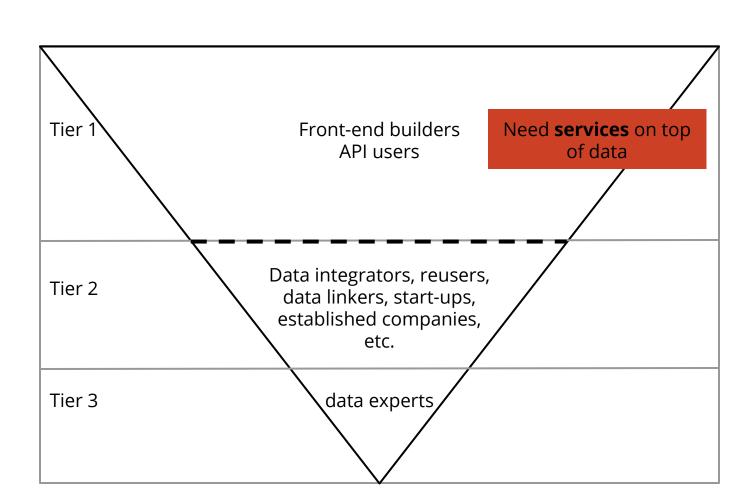
Why would data owners do that?

### Data owners are confused



Create an API or publish Open Data?





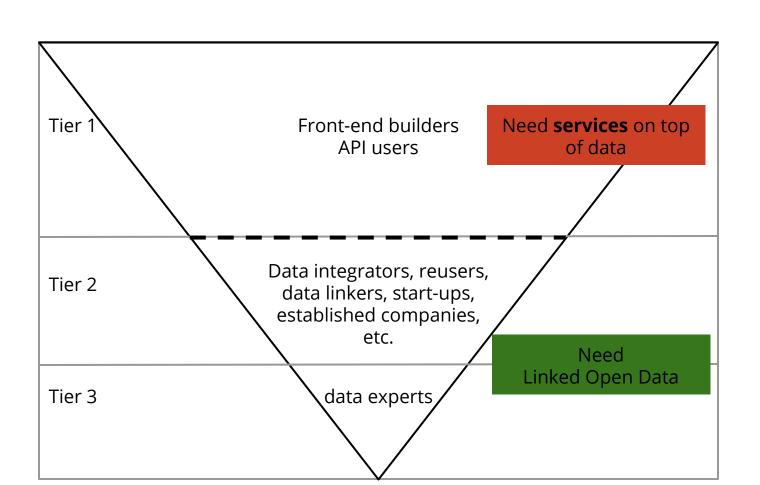
### How Language Shapes Thought

The languages we speak affect our perceptions of the world

By Lera Boroditsky

**Lera Boroditsky** is an assistant professor of cognitive psychology at Stanford University and editor in chief of *Frontiers in Cultural Psychology*. Her lab conducts research around the world, focusing on mental representation and the effects of language on cognition.





### You don't need an API to publish data

You need an API to enable **services** on top of your Open Data...

### You use APIs to... gather feedback



This toilet has been removed

Openly licensed data dump at: <a href="http://wiki.openstreetmap.org/wiki/Planet.osm">http://wiki.openstreetmap.org/wiki/Planet.osm</a>

### You use APIs to... gather feedback

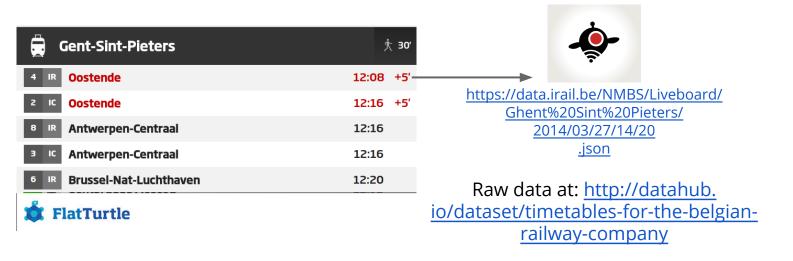


This toilet needs cleaning

Openly licensed data dump at: <a href="http://wiki.govenstreetmap.org/wiki/Planet.osm">http://wiki.govenstreetmap.org/wiki/Planet.osm</a>



### You use APIs to... provide updates

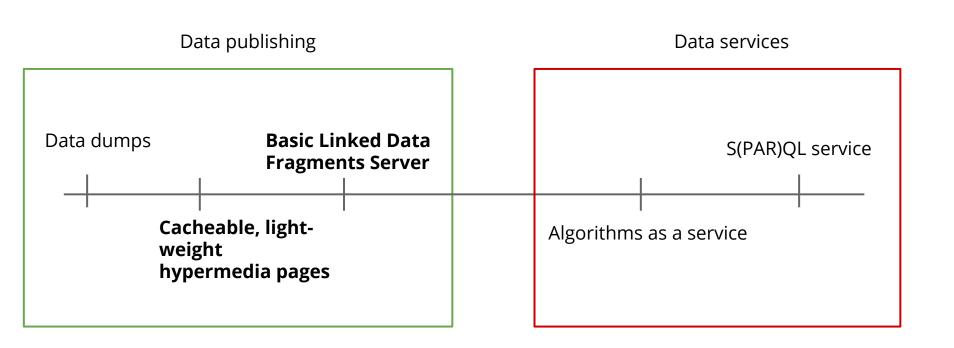


Sliding windows of data

### You use APIs to... provide services

Full text search, autocompletion API, querying interfaces (public SQL endpoints?)...

#### Services vs. data



### What can we do?

Ask for **openly licensed** data

Ask for **data dumps**, not services

When in a 5-star data project, set up lightweight data publishing software





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#### **Discussion**



