

# “Small pieces loosely joined” : an argument for publishing O\*net as linked data

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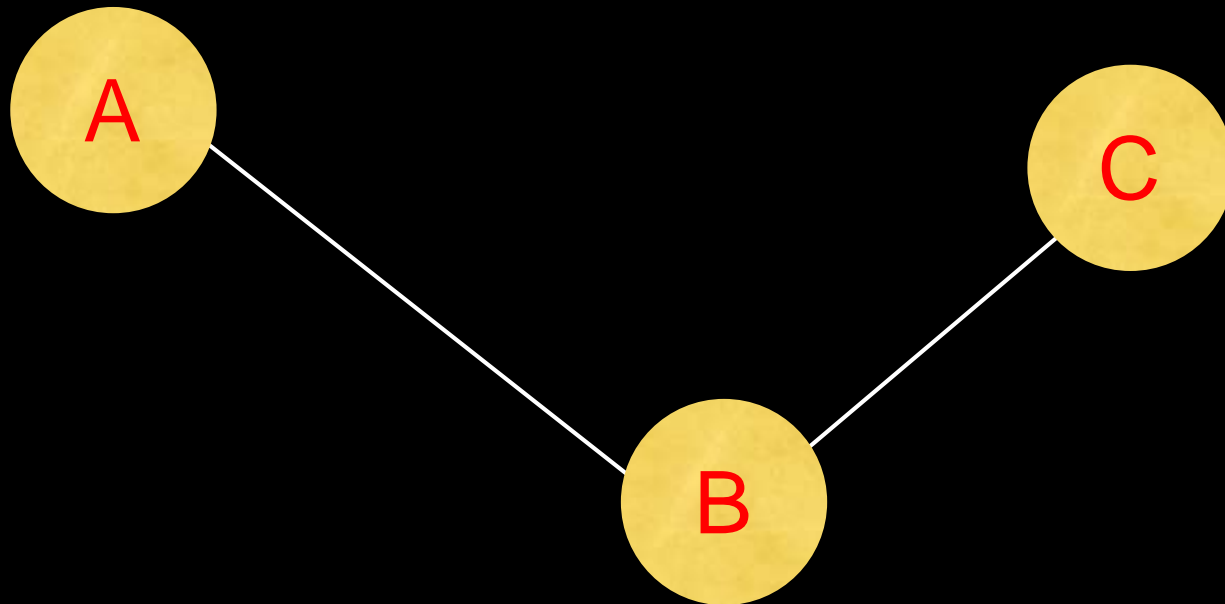
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Remember the  
“information  
superhighway?”

A highway takes you  
from one place to  
another



That's why we call it  
the web



Instead of linked documents, we need to be thinking about linked data.

# Why linked data?

- Data mining and analysis
- Inter-operability with other data sets
- Dissemination to audiences you wouldn't otherwise reach
- “The coolest thing to do with your data will be thought of by someone else.”

# Data mining and analysis

Bob is a bachelor

All bachelors are men

All men are people

All people are mammals

Therefore, we know Bob is a mammal

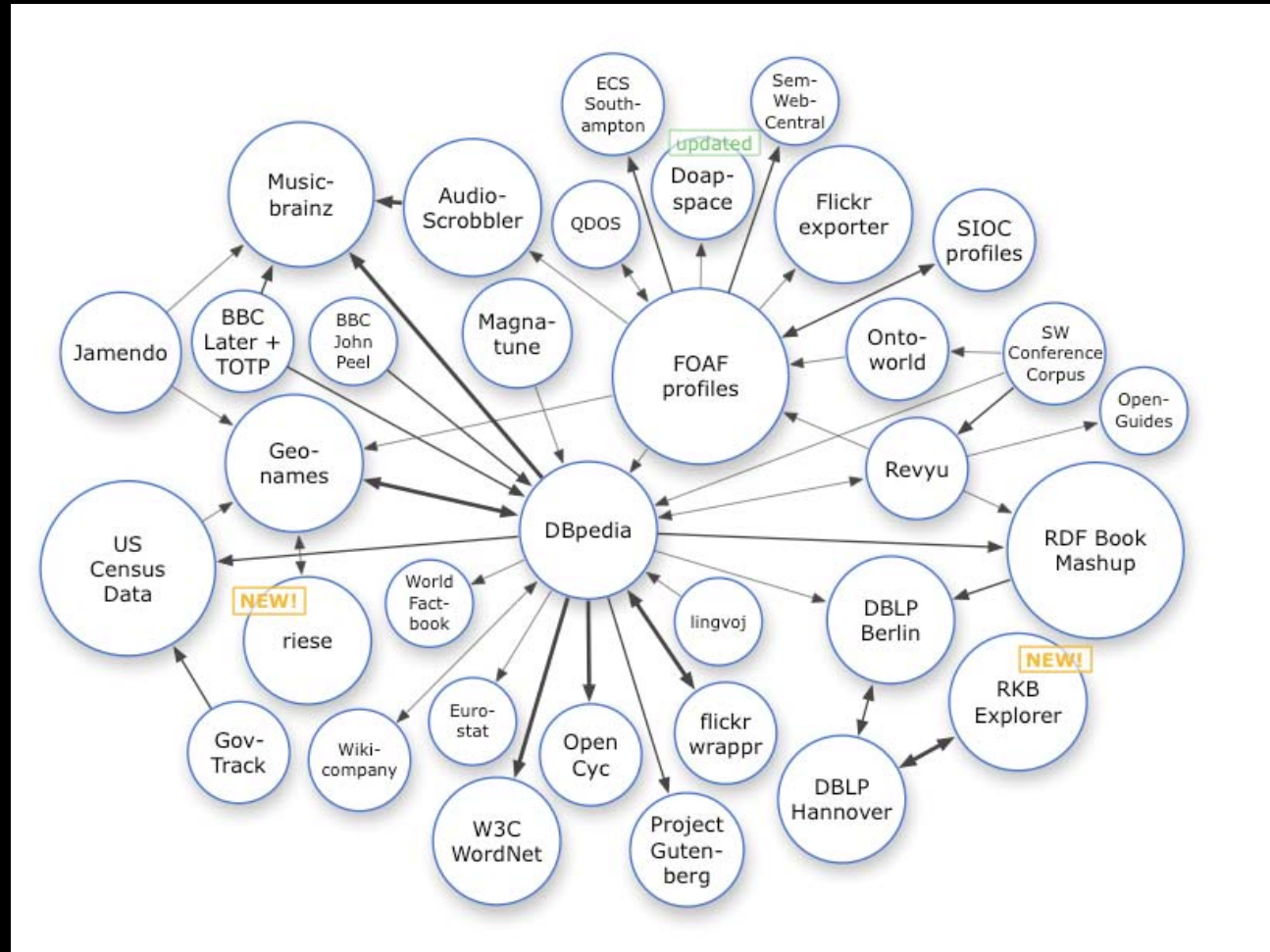
# Data mining and analysis

Creative Manager is a kind of Graphic Designer  
Creative Manager requires Management

Composing Room Supervisor is a kind of Graphic Design  
Composing Room Supervisor requires Management

Therefore, an out of work Creative Manager  
might work well as a Composing Room  
Supervisor

# Interoperability with other data sets



“The coolest thing to do with  
your data will be thought of  
by someone else.”

New UI design

Automated discovery

Local employment outlooks

Research

Data visualizations

Journalism

Contextualization

# Specific recommendations:

- publish SQL databases in addition to Excel
- RDF and web services ASAP
- Encourage community efforts
  - highlight successful projects
  - tutorials about using and citing the data

Thank you.

Questions?

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