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Linked Data in Libraries

IFLA 2014 Satellite Meeting – BnF Paris – 14<sup>th</sup> August 2014

# Designing Linked Data Software & Services for Libraries

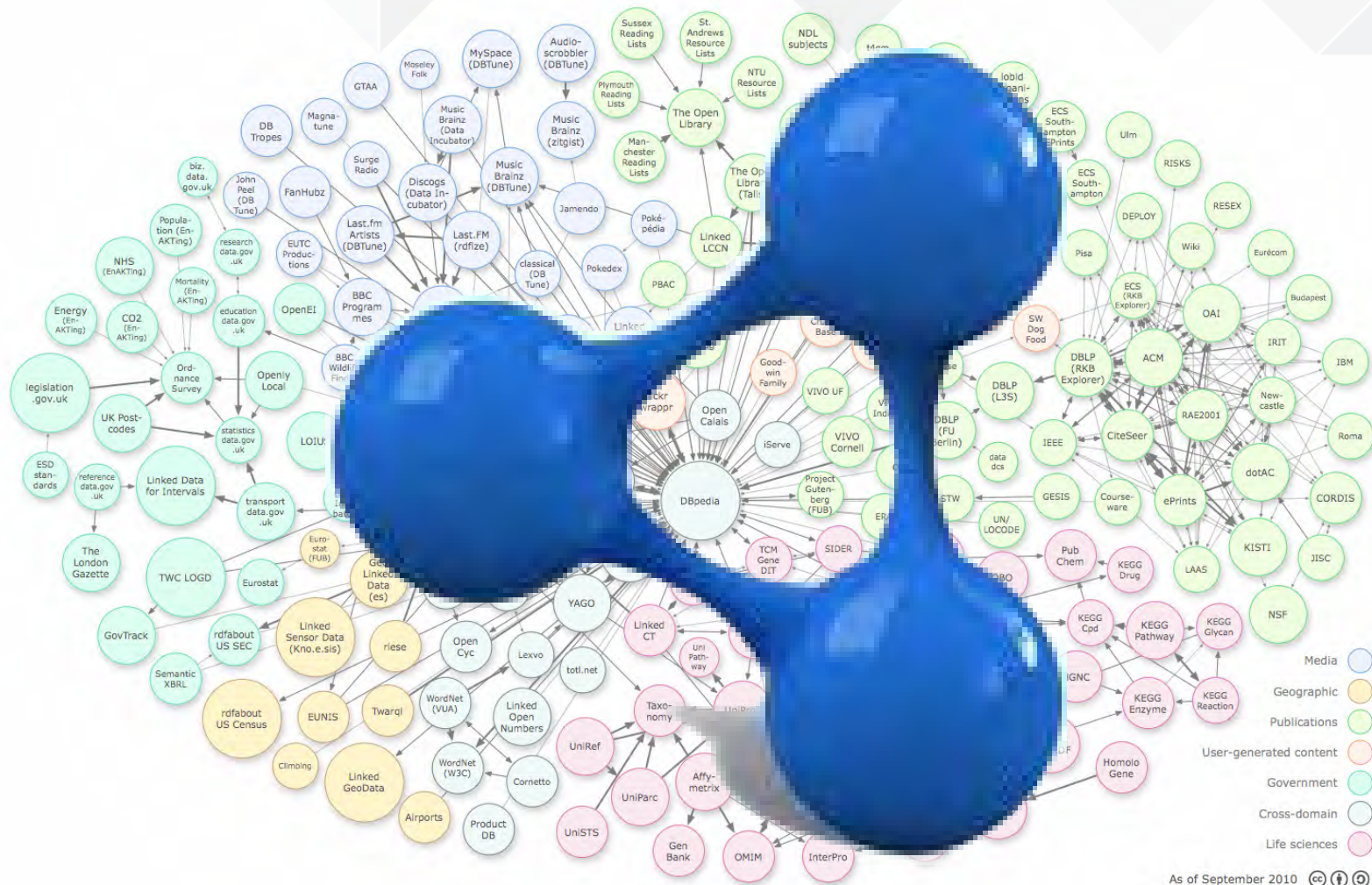
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@rjw

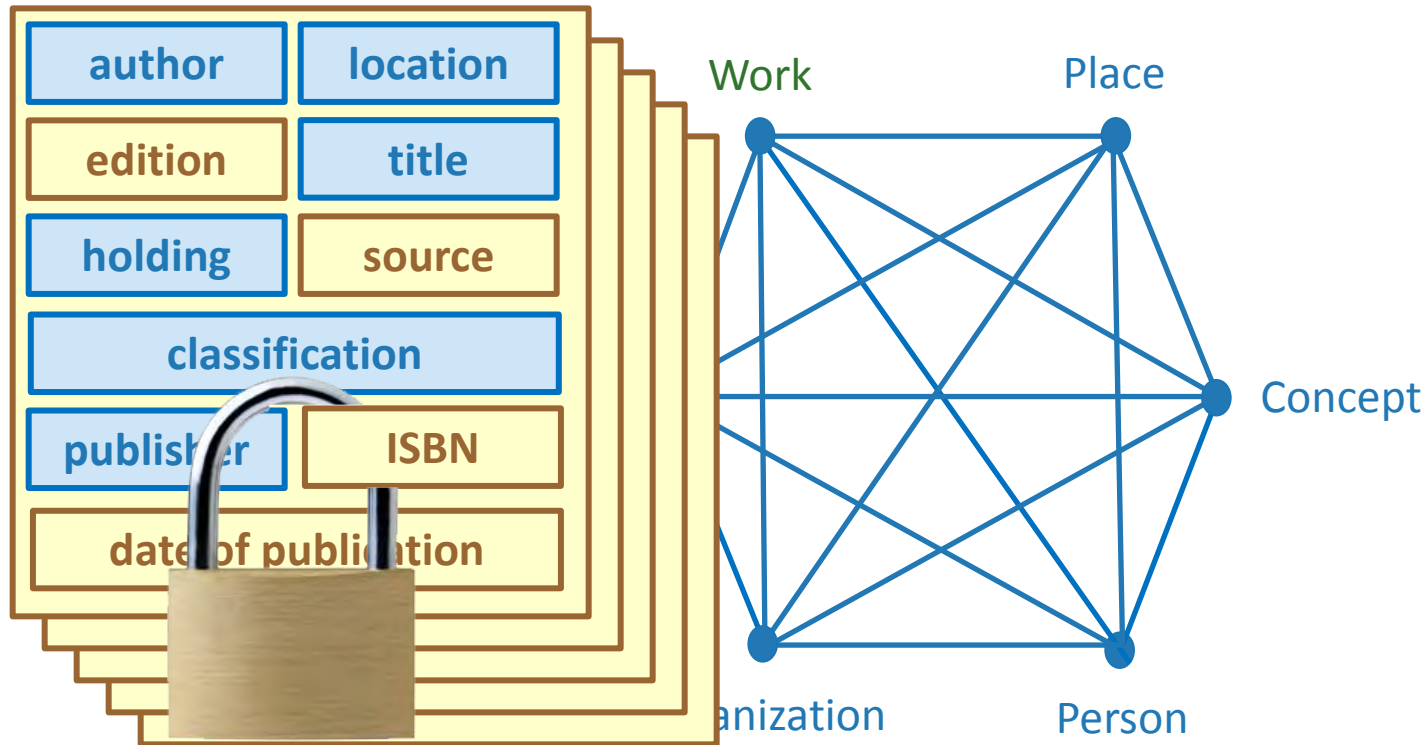


# Linked Data



# Bibliographic Entities

## Linked Data for libraries



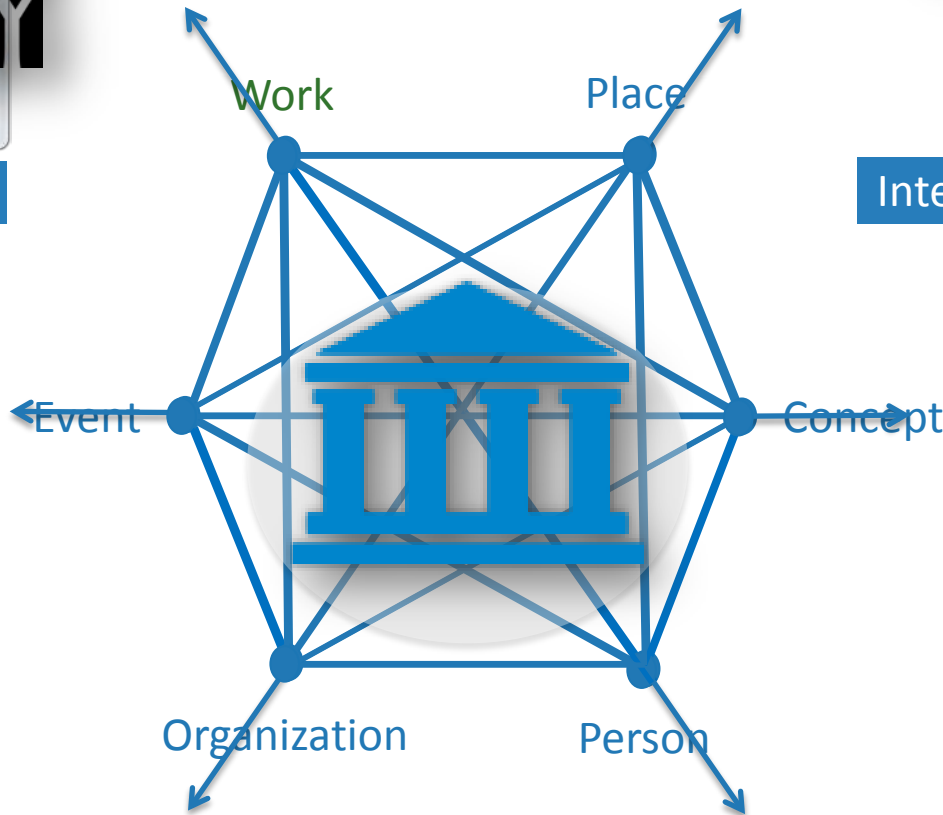
# Bibliographic Entities - In the Web of Data



Intuitive searching



Integration with the web



Cataloging

Cascading u



WIKIPEDIA  
The Free Encyclopedia



More options

GeoNames

# Linked Data Why?



Why do libraries catalogue?

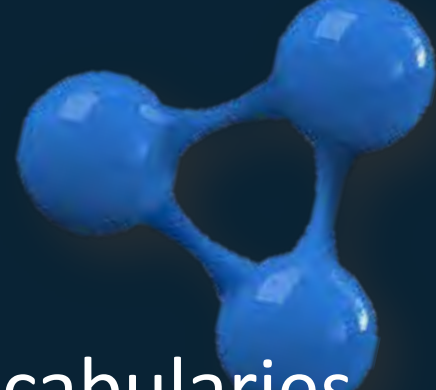
So people can find their stuff!

Why should we adopt Linked Data?

So people can find our stuff!



# Linked Data



- A Technology
- Standard on the Web – RDF, URIs, Vocabularies
- Identifying and Linking resources on the Web
- Important powerful enabling technology
- But *only* a technology...  
for the systems folks to worry about
- Real benefits flow from:

Entity Based Data Architecture  
*Powered* by Linked Data

# The Approach

Identify the entities in your data

First model what is of interest to  
the Web

Share in the way the Web does  
Schema.org

# So what does this mean for systems & software?

Architecture that recognizes entities

Realize workflow benefits

Link to authoritative hubs – People, Places, Works, ..

Set resources in a global context

Share using web vocabularies – Schema.org

Be visible/discoverable on the web





# Designing Linked Data Software & Services for Libraries

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