Linked Library Infrastructure

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Background

• Libris is shared library infrastructure hosted by the National library since 1972

• Hosts central catalogue with bibliographic, holdings and authority data

• Shared cataloguing interface

• Lots of automatic import / export and enrichment

• Available as Linked Open Data since 2008
Since 2012 …

- Building a new infrastructure based on Linked data
- Boldly declaring “Linked data or die!”
- Moving to RDA
Why?

• “ILS” does not mean what it used to

• Digitisation projects

• CRIS systems on local and national levels

• Descriptions of materials not traditionally described in MARC21

• The “next larger context” of the ILS has changed
Always design a thing by considering it in its **next larger context** – a chair in a room, a room in a house, a house in an environment, an environment in a city plan.

- Eliel Saarinen
Either aggregate everything, all the time, or deal with the fact that data is updated everywhere, by other people.
What is exciting?
What is challenging?
Challenges

• Inertia - change is hard

• Being precise in descriptions takes a lot of time and work
Data ages like wine
Software ages like fish
Metadata standards
- Do you have **lifecycle management** concerning identifiers and data?

- Do you feel that you have to **choose** a vendor **ecosystem**?

- Can you **change** your components without affecting services and/or external contracts?