

Breakout Group

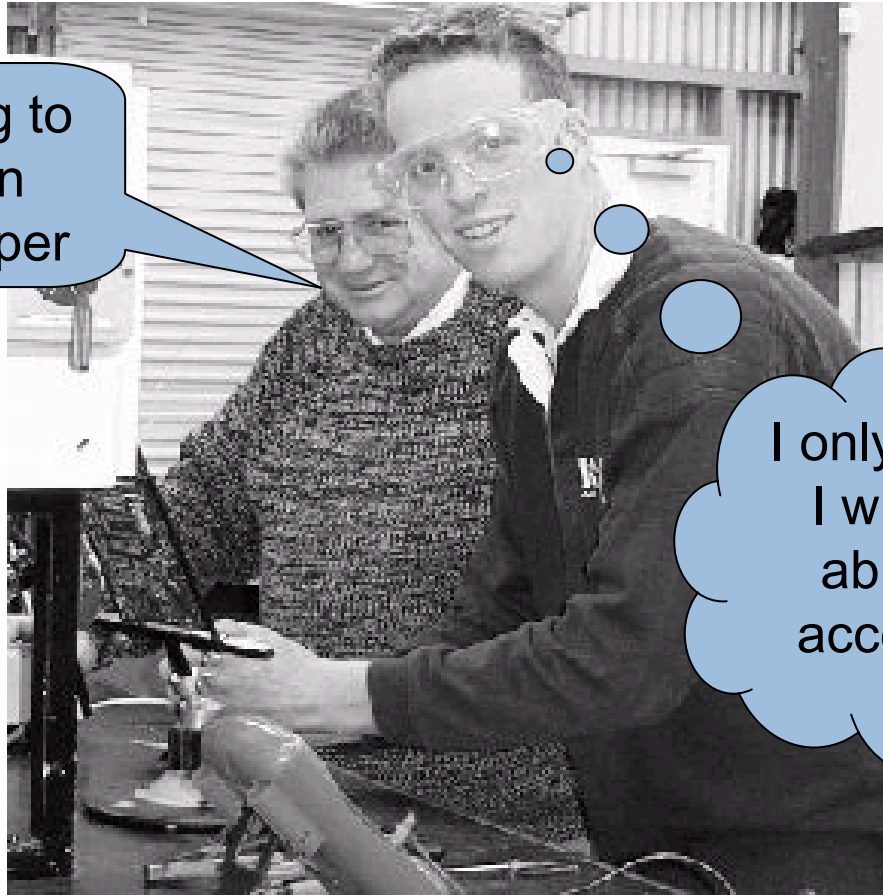
Content Aggregation and Networking Architectures

OAI5 – CERN, Geneva 19-APR-2007

Susanna Mornati and Wolfram Horstmann

A repository network „recipe“ (?)

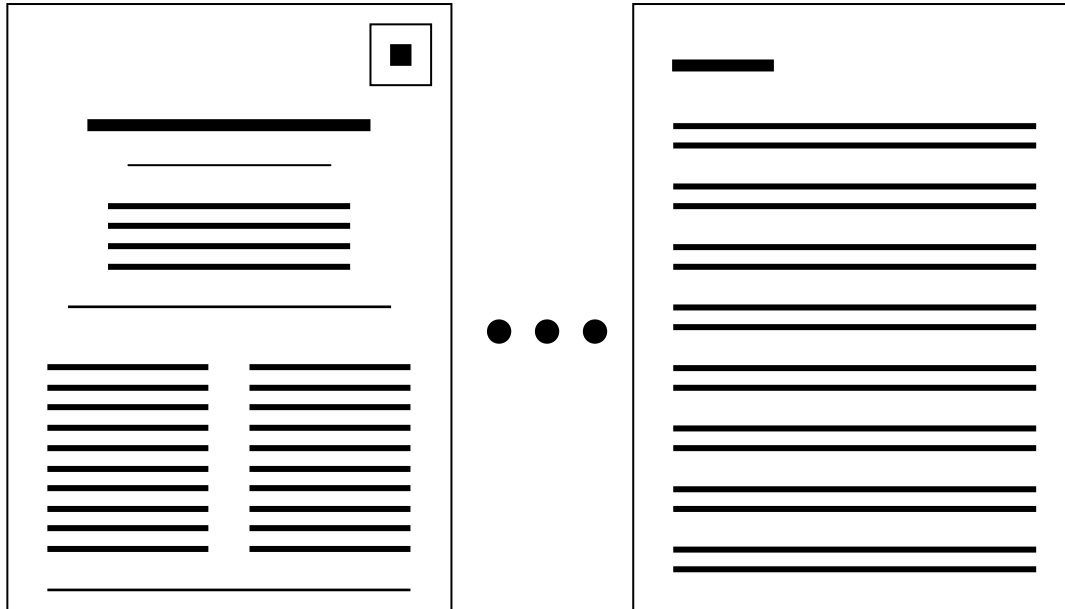
Researchers generate knowledge



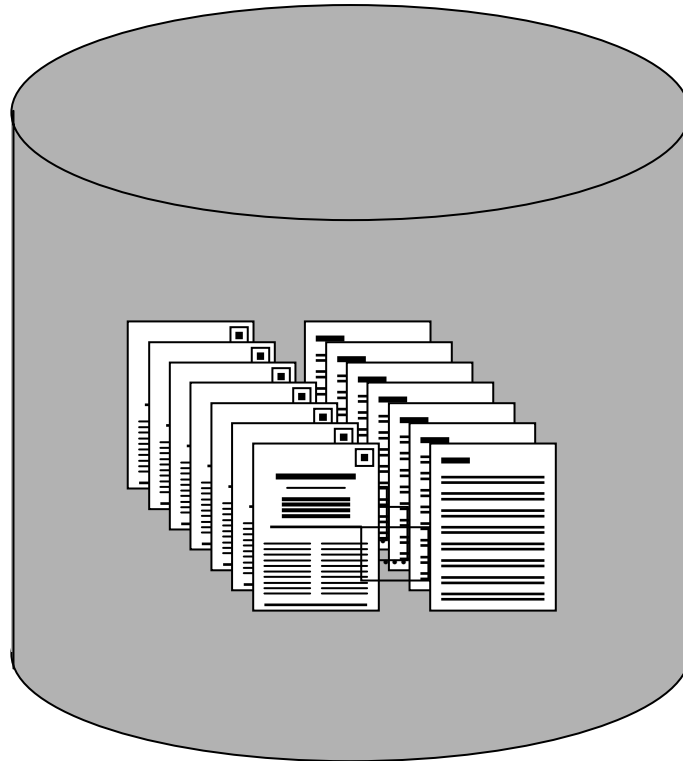
This is going to become an amazing paper

I only hope I will be able to access it

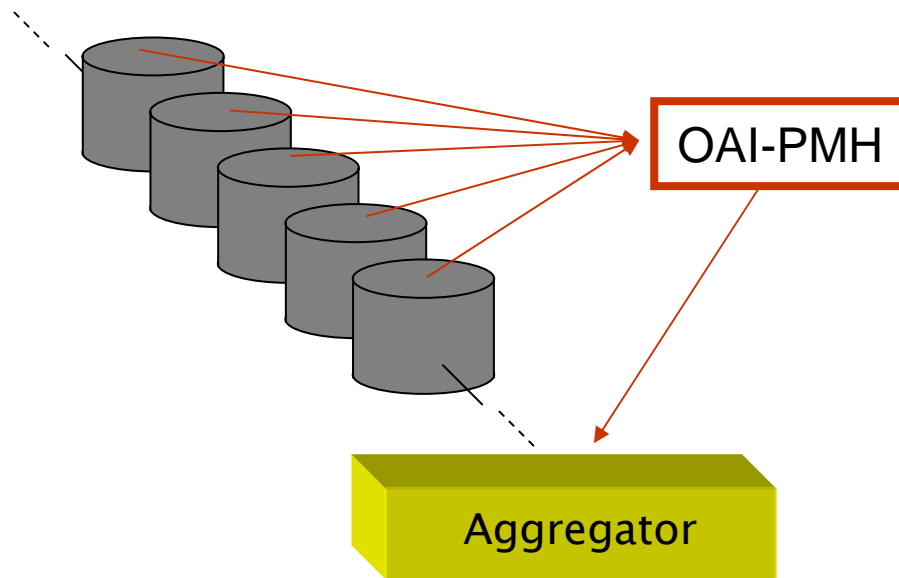
Knowledge is wrapped in publications



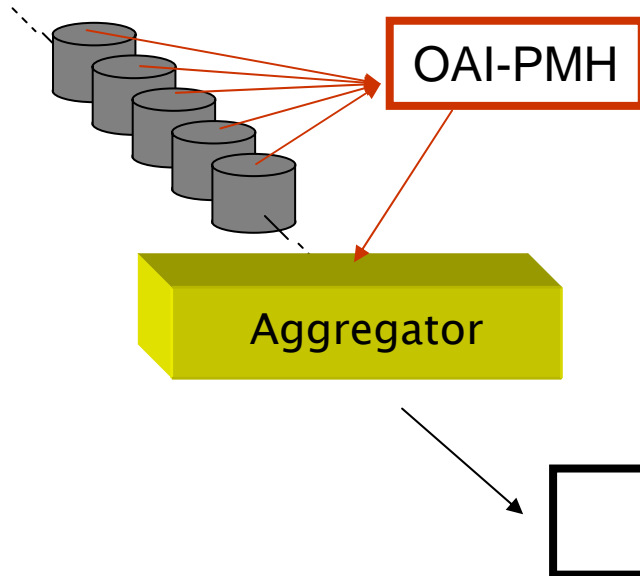
All publications in a repository



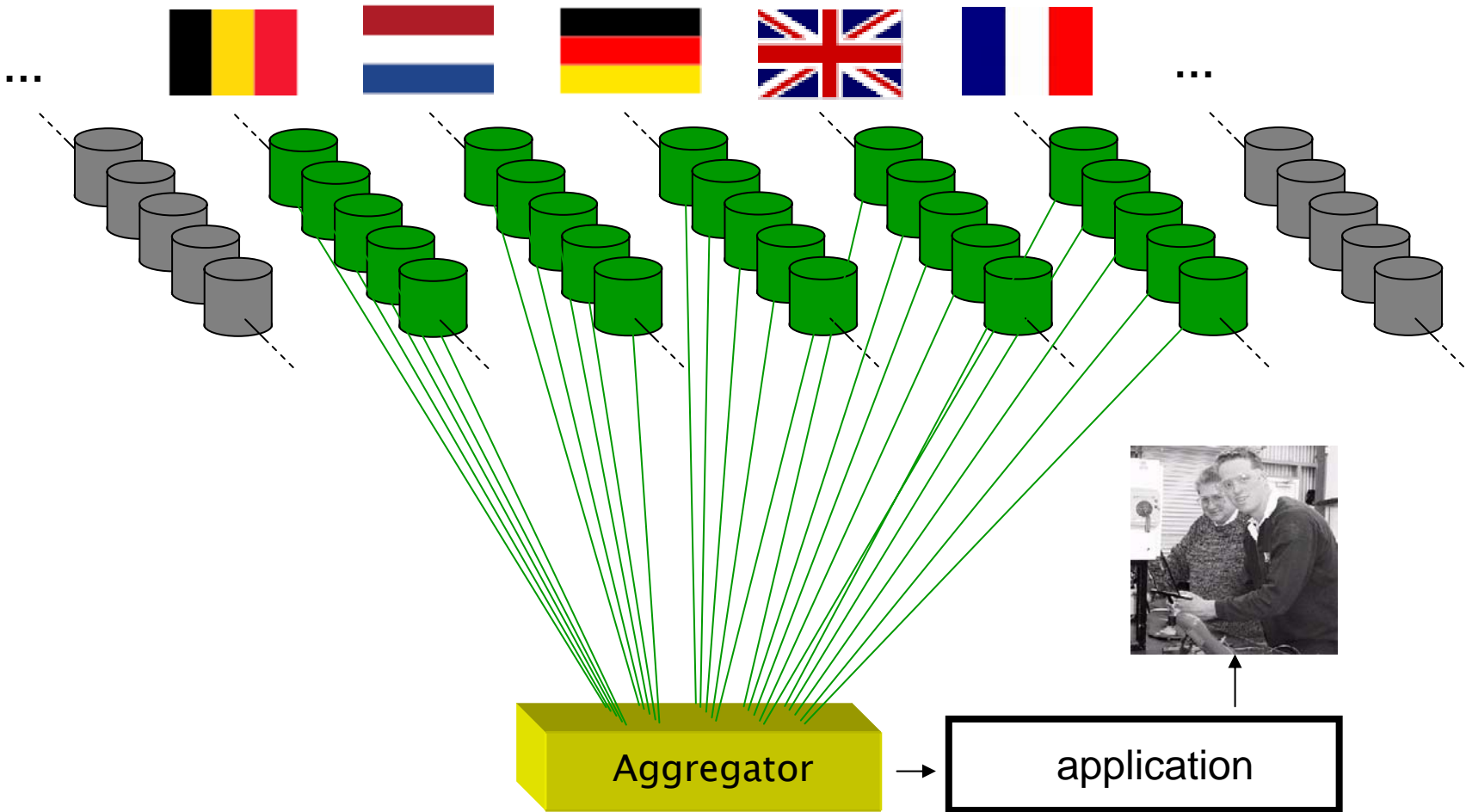
Aggregate with OAI-PMH



Feed back to research

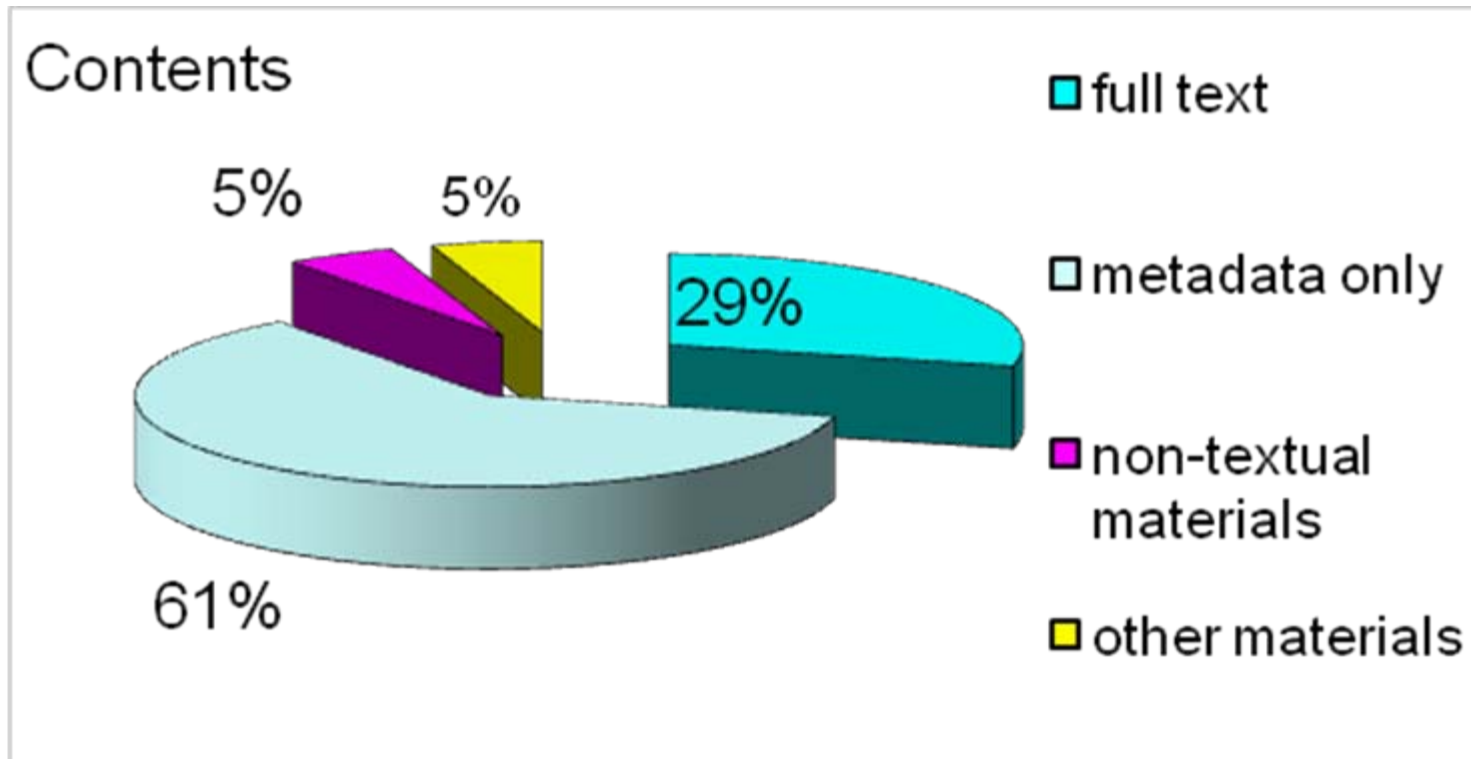


Lift to an international scale



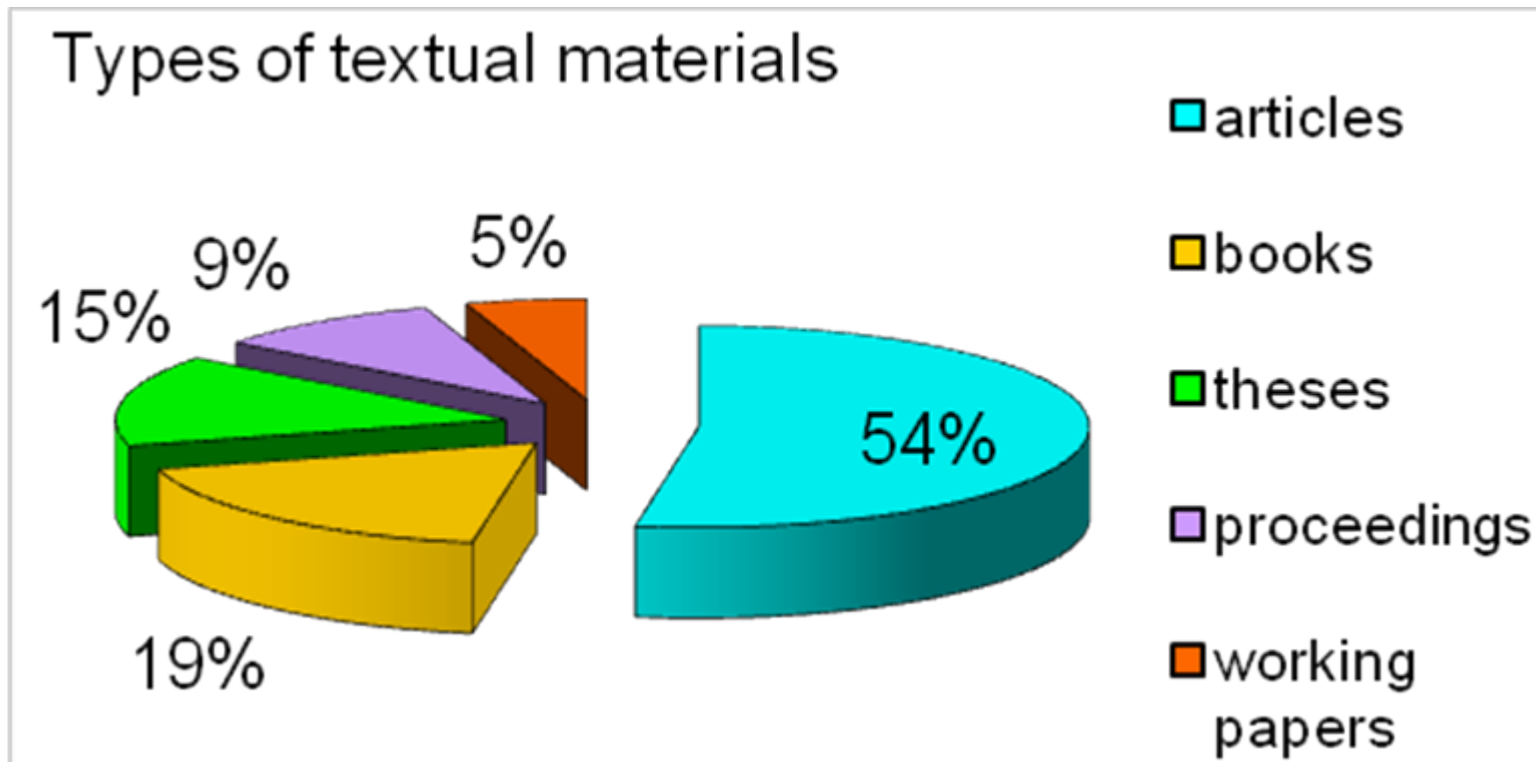
Mission accomplished?

DRIVER Inventory Study 2006 #1



Provided by Maurits van der Graaf

DRIVER Inventory Study 2006 #2



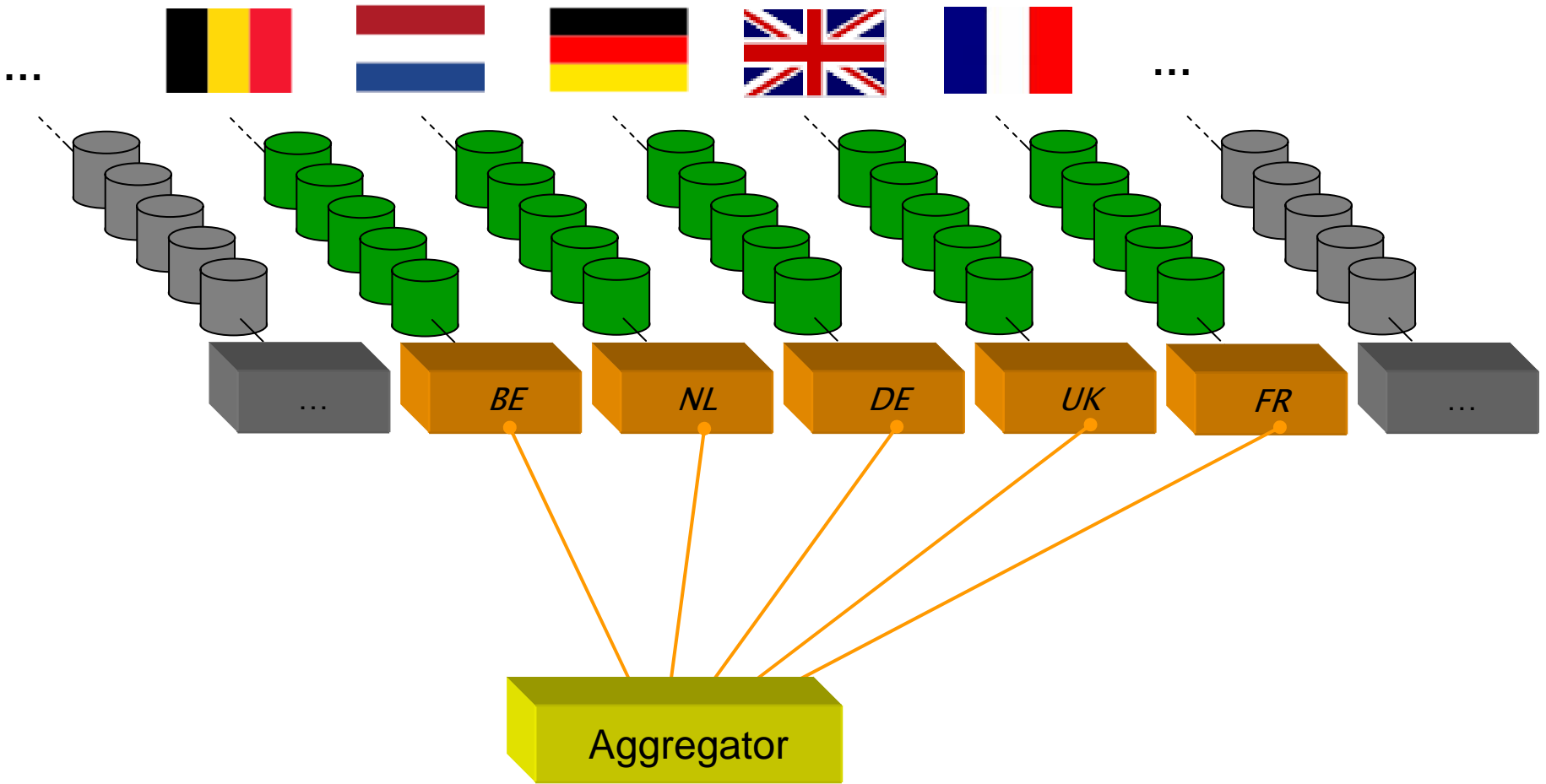
Provided by Maurits van der Graaf

Technical Problems

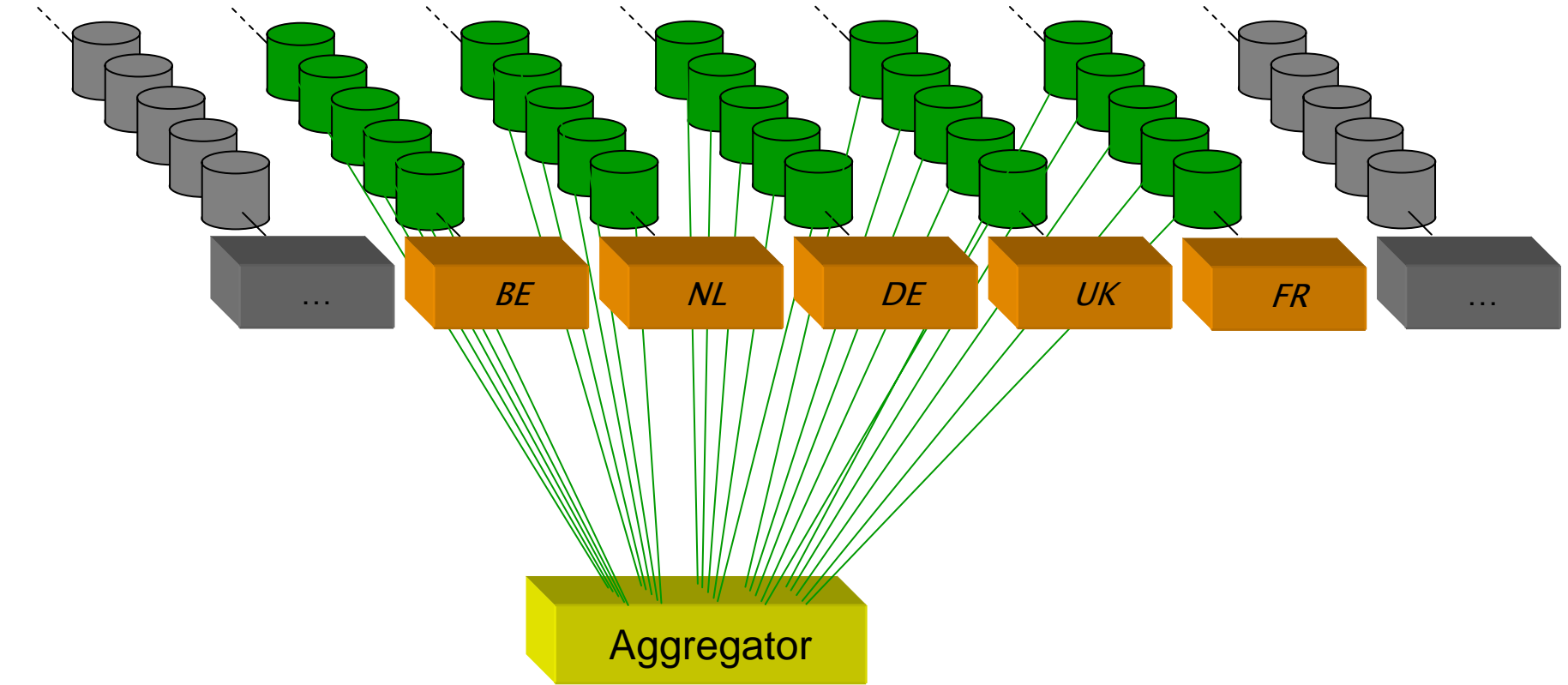
Building of Aggregations is not trivial!

- **Implementation Variability**
 - Full-text not homogeneously offered
 - metadata only, jump-off pages, authorization
 - full-text URLs in varying locations
- **Architectural Variability**
 - Local harvesting vs. aggregated harvesting
 - Multiple service providers not complementary
 - Google-Scholar, Oaister, BASE or citebase

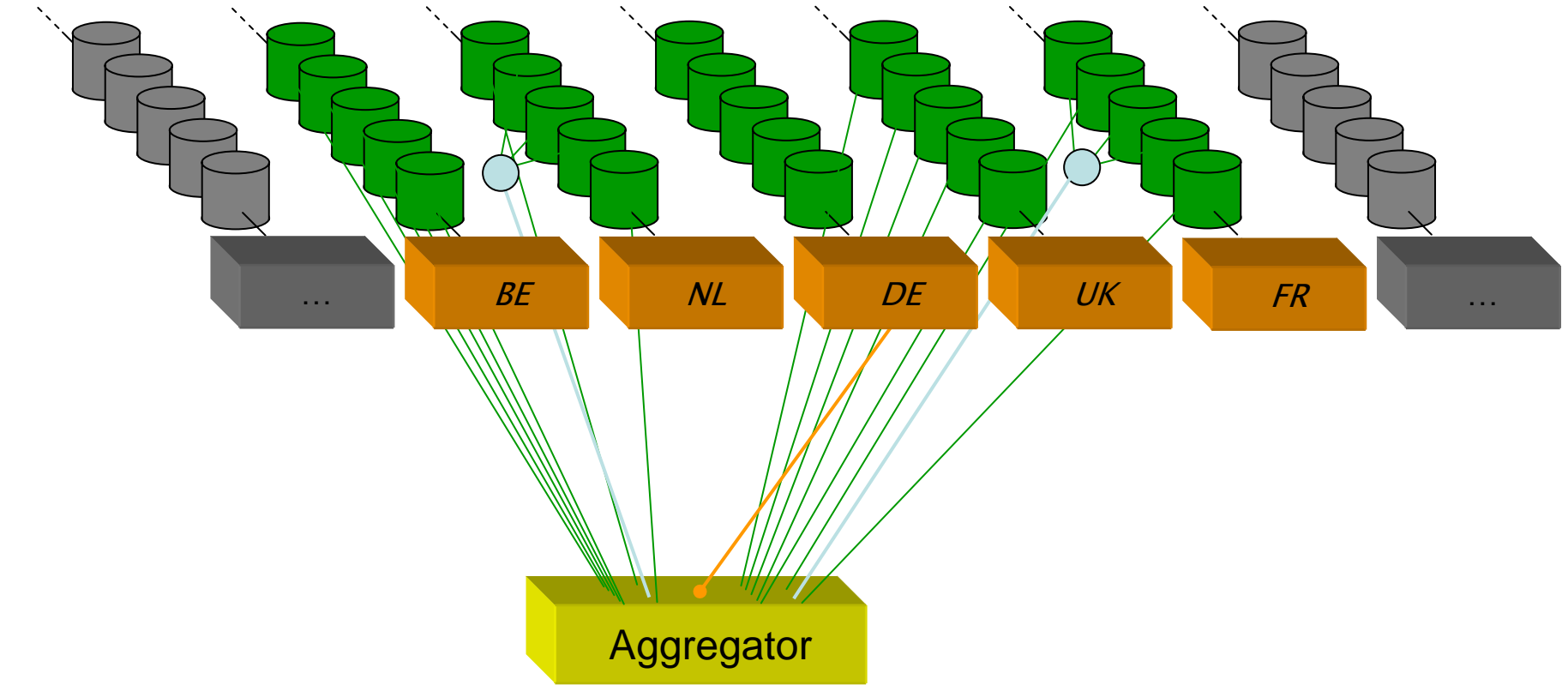
Aggregation Scenarios #1



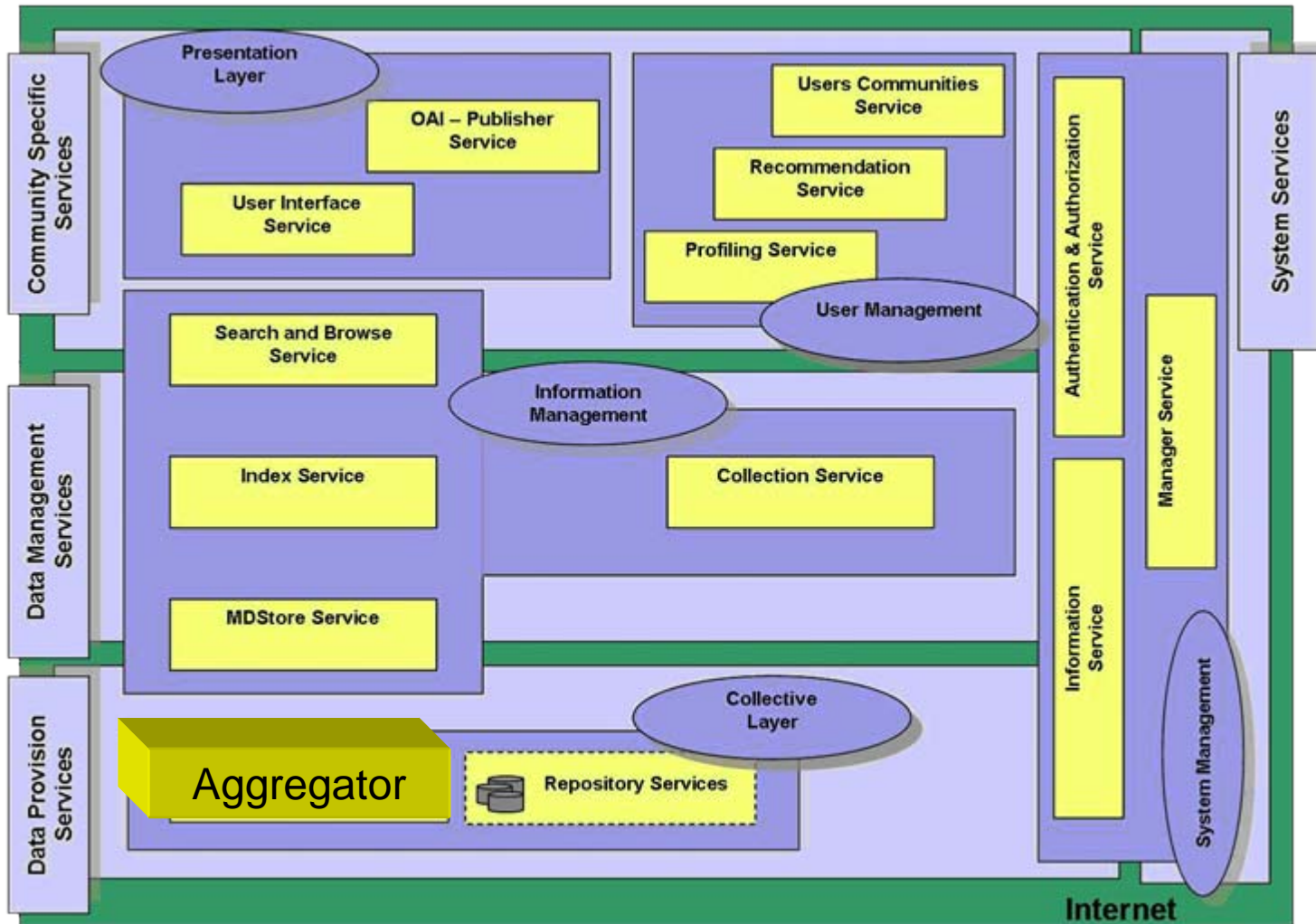
Aggregation Scenarios #2



Aggregation Scenarios #3



Open Service Architecture



Software Infrastructure Test-Bed

