Internationalization versus national Concentration

Perspectives of the Future Development of German Regional Networks

Using a Platform based Infrastructure"

Dr. h.c. B. Dugall

1

National versus International: a „Short" Example

founded 02/2004

target audience: English speaking community

coexistence

founded 11/2005

Target audience: German speaking Community

Attempt of merging failed because of refusal of VZ

rivalry

target audience: German speaking Community

founded 3/2008

Comment of a German newspaper:
The German Studi VZ has no reason to fear the competition

26.06.2014

What was the Result?

Entwicklung der Visits der VZ-Netzwerke (in Mio.) von Dezember 2010 bis Dezember 2012

Anzahl der aktiven Nutzer von Facebook in Deutschland von Januar 2010 bis März 2013 (in Millionen)
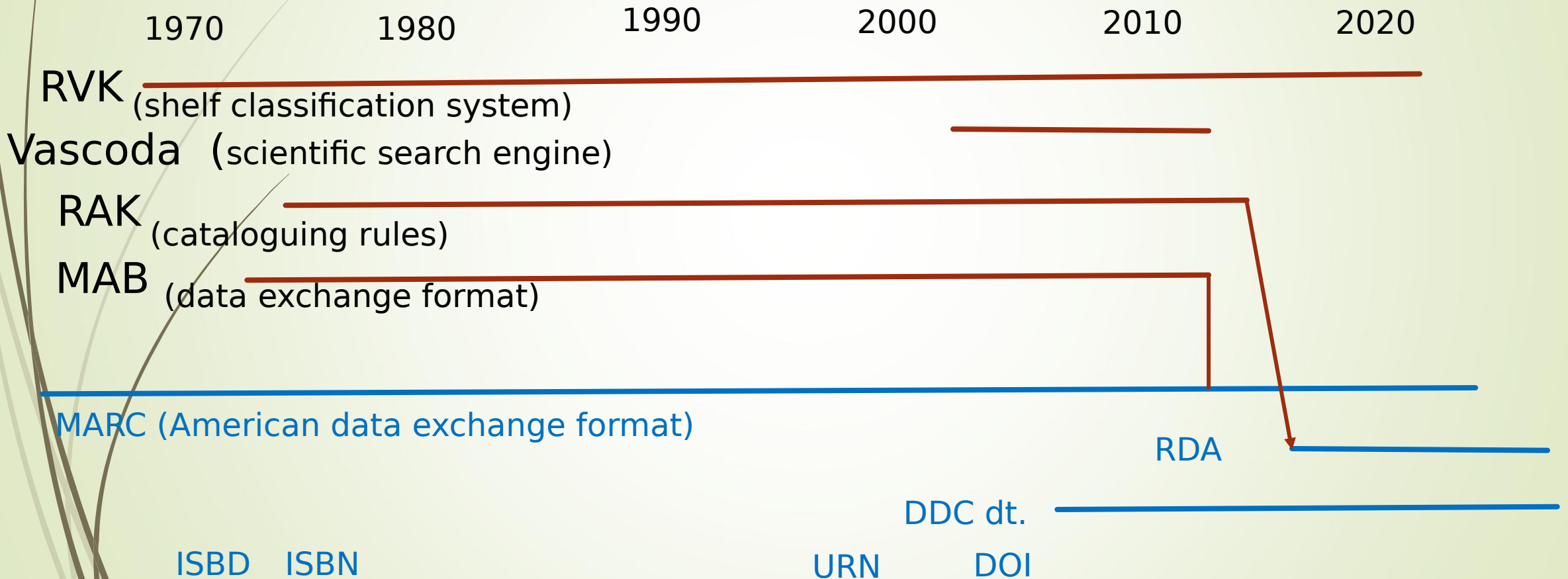
Dez 12

FAZ 16.10.2011: „silently StudiVZ is dying"
Spiegel online 11.06.2012: „Holtzbrinck is burying itsVZ networks"

26.06.2014

National versus International in the Libraries' World

1970   1980   1990   2000   2010   2020

RVK (shelf classification system)

Vascoda (scientific search engine)

RAK (cataloguing rules)

MAB (data exchange format)

MARC (American data exchange format)

RDA

DDC dt.

ISBD   ISBN   URN   DOI

In the age of the Internet national based structures for the processing of non phys are becoming increasingly obsolete

25.06.2014

Some Preconditions

- progressive internationalization of research requires globally available resources of information.

- The German scientific landscape expects an increasing adaption and integration of existing retrieval and access functionalities into international systems .

- Cataloguing rules become international (RDA, area –wide implemen-tation in Germany 2015; for Authority Files already in autumn 2014)

- Leading providers of library systems software act international and are offering cloud based system solutions.
  (**Ex Libris – Alma; OCLC – WMS**, Proquest – Intota, Innovative - Sierra)

- More than 80% of German libraries are customers of **these providers**

- The German Scientific Council expects a radical challenge from the Regional Networks

From „Silos" to „Platforms"
or from Containers into Clouds

What is Describing Cloud Based Library Systems?

- Software is not bought, but services are licensed.

- New system environments are based on integrated, internationally directed data services (global databases like WorldCat or ExLibris Community Zone).

- New system environments are integrating the functionalities of regional data hubs **and** „traditional" ILS.

- In addition of the development and the processing of platform based services, leading providers like OCLC/Ex Libris offer explicitly the possibility to add customer specific enhancements by themselves or by third parties („App Gallery").

Components of a New Infrastructure

- ➢ Cataloguing happens internationally in cloud based systems (no regional or national cataolog data base!)

- ➢ There will be several international platforms for cataloguing (exemplified by: OCLC – WMS; Ex Libris – ALMA)

- ➢ Regional Union Catalogues will vahish step by step

- ➢ Local systems functionalities (acquisition, circulation,…) will stepwise migrate into new cloud environments (as technically and legally possible). Additional functionalities will be developed via open platforms.

Preferences of a New Infrastructure
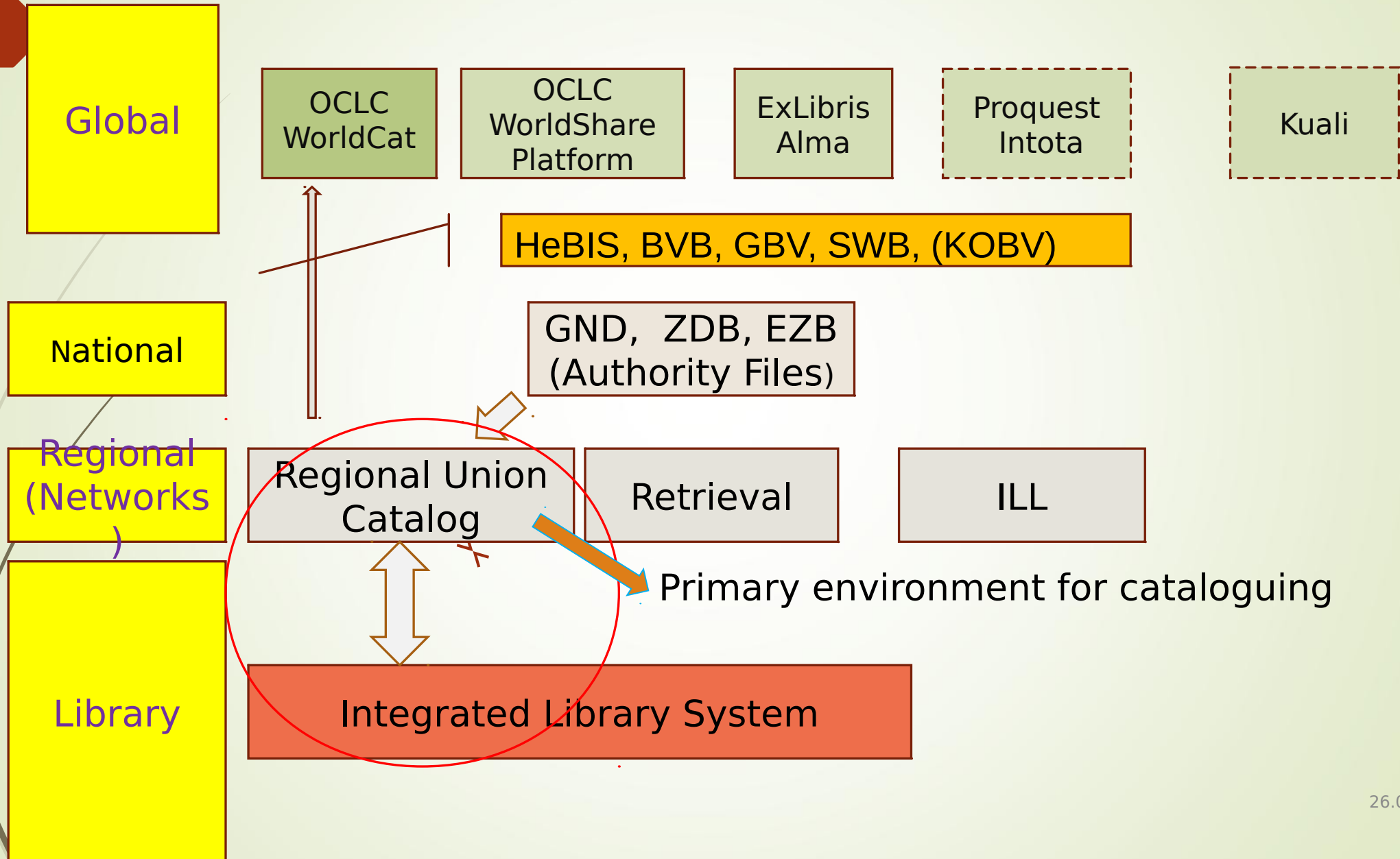
- ➢ Embedded into international developments
- ➢ Less intensive self activities e.g.
  - ▪ Generation of FRBR - Structures
  - ▪ Adaption of RDA
- ➢ Important synergy benefits in the fields of system administration and maintenance
- ➢ The selected approach totally includes „the ILS world" .
- ➢ Apps allow the integration of „third party applications" via „state of the art" concept.

Library Systems Today (in Germany)

Global

| OCLC WorldCat | OCLC WorldShare Platform | ExLibris Alma | Proquest Intota | Kuali |

HeBIS, BVB, GBV, SWB, (KOBV)

National

GND, ZDB, EZB (Authority Files)

Regional (Networks)

| Regional Union Catalog | Retrieval | ILL |

Primary environment for cataloguing

Library

Integrated Library System

26.06.2014

Library Systems 2017

> 300 Mio. titles, 2,5 Bill.. holdings

Global	OCLC WorldCat	OCLC WorldShare Plattform	ExLibris Alma	ProQuest Intota	Kuali	NN

1

2

National — GND, ZDB, EZB (Authority Files) — National Datapool

Regional Networks — Regional Union Catalogue — Retrieval — ILL

3

Library — Catalo-gu ing — Acqui-si tion — Circula-ti on — ERM

26.06.2014
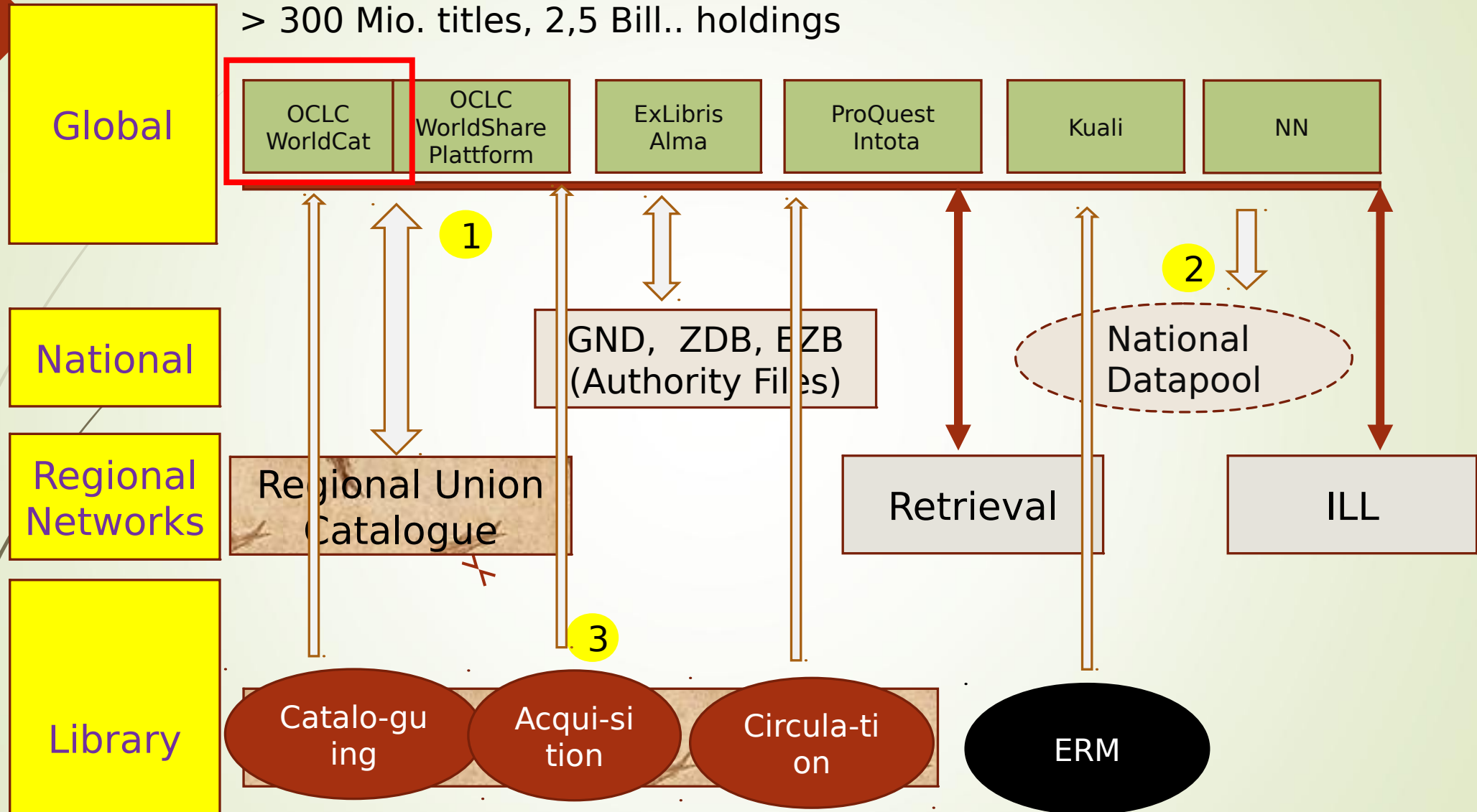
Library System 2017: Regional Networks as Aggregators

Global	OCLC WorldCat	OCLC WMS	ExLibris Alma	Proquest Intota	Kuali	NN

Retrieval

ILL

National	GND, ZDB, EZB (Authority Files)	National Datenpool

Regional (Networks) — Aggregation/Integration of Services

Library

- Acqui-sition
- Catalo-guing
- Circula-tion

Finance systems of universities
Campus management systems
eLearning/eScience
Digital collections
Special collections
Migrations
…

26.06.2014

Library Systems in Transition

Global
National
Regional Network)
Library

OCLC WorldCat	OCLC WorldShare Plattform	ExLibris Alma	ProQuest Intota	Kuali OLE	NN

Synchronisation of platforms

GND, ZDB Authority Files

National Datapool

national services
as part of an international Infrastructure

Acqui-sition

Circu-lation

Catalo-guing

services instead of systems
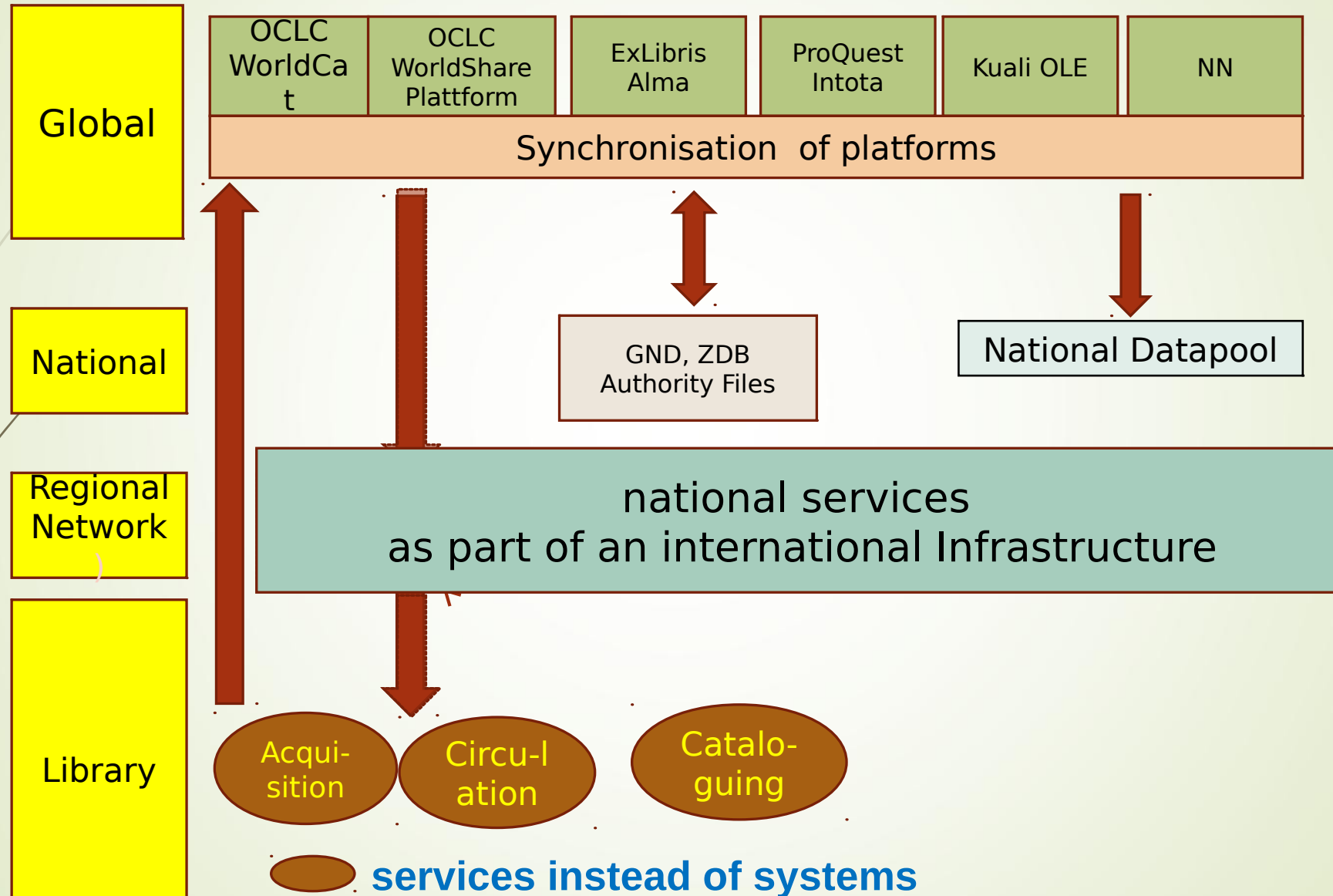
What Are Important Topics ?

- Data security, data privacy, models of participation
- Maintenance of existing autority files
- Arrangement of open developer platforms
- Efficiency- and synergy benefits to free up resources for innovations
- Active participation in the transformation process. Orientation at the strategic interest of libraries, to position themselves as a partner for education, teaching, and research.
- Objective is a cloud based infrastructure which covers the needs of the libaries.

26.06.2014

Many thanks for your patient listening!

До скорово свидания в облаками