
SWITCH

The Swiss Education & Research Network

Case Study 3: Access to Library Resources by Shibboleth

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- ❑ **Case 3A: Access to publishers**
commercial content providers such as Elsevier, EBSCO, etc.

- ❑ **Case 3B: Access to e-library portals**
meta-search, databases, URL-resolver, personalisation (e.g. operated by a consortium)

- ❑ **Case 3C: Access to loan systems**
registration of university users in the loan system of “their” library, inter-library loan

Case 3A: Access to Publishers; State of the Art

Legend

AuthN: Authentication

AuthZ: Authorization

 **User**

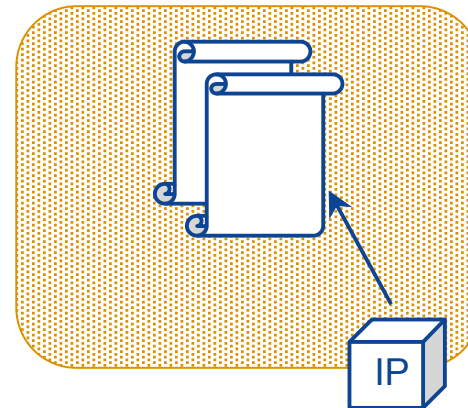
 **Access granted**

 **Access denied**

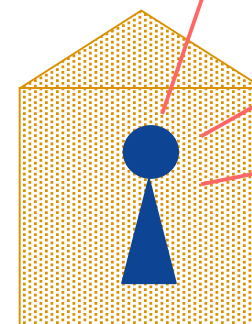
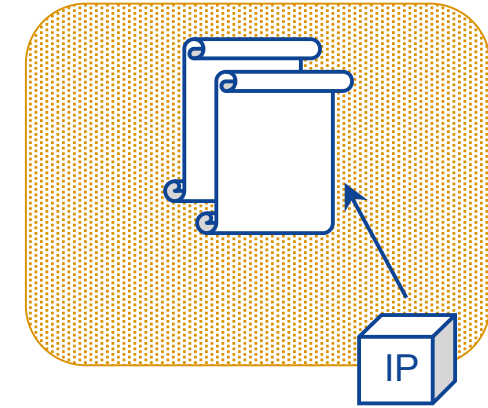
 **AuthN/AuthZ-Modul**

 **Digital content**

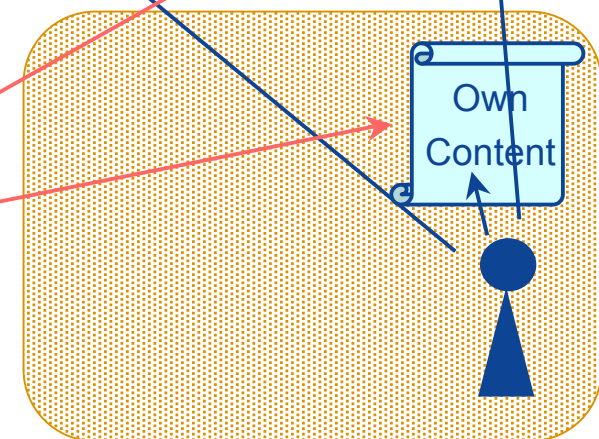
Publisher 1



Publisher 2



At Home



Campus A

Case 3A: Access by Proxy Server or VPN; State of the Art

Legend

AuthN: Authentication

AuthZ: Authorization

 **User**

 **Access granted**

 **Access denied**

 **AuthN/AuthZ-Modul**

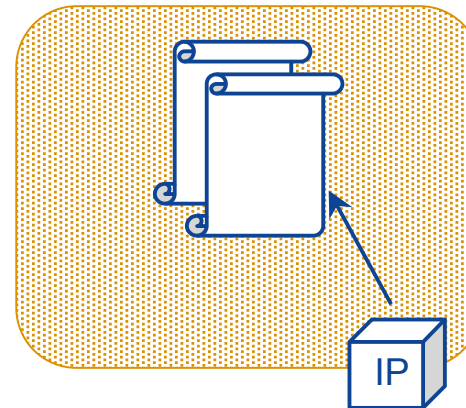
 **Digital Content**

 **Proxy Server or VPN**

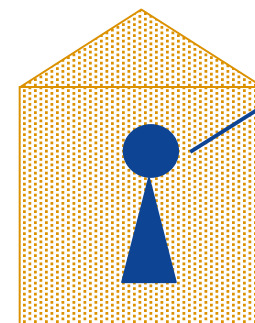
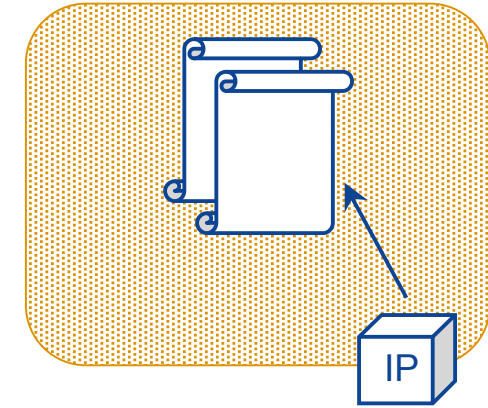
 **User Directory**

 **Link to User-Dir**

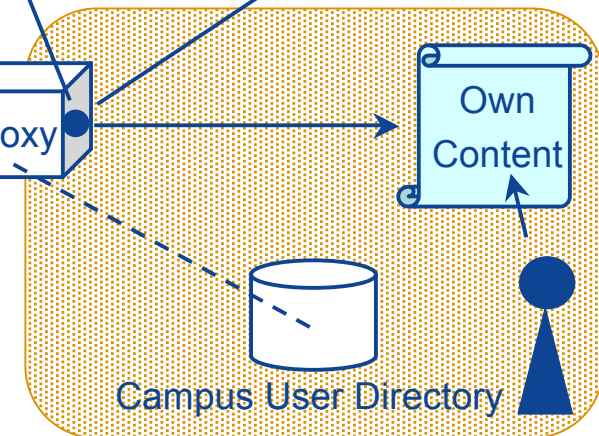
Publisher 1



Publisher 2



At Home



Campus A

Case 3A: Access to Publishers; The Ideal World

Legend

AuthN: Authentication

AuthZ: Authorization

 **User**

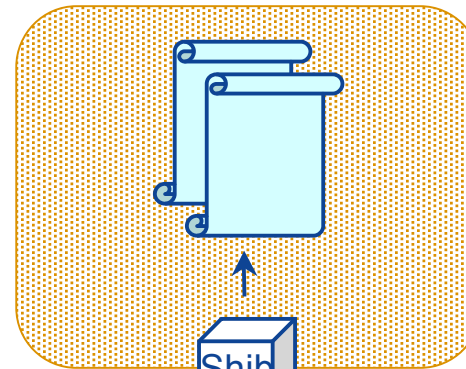
 **Access granted**

 **Access denied**

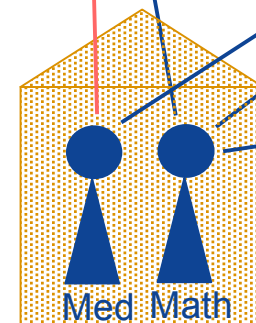
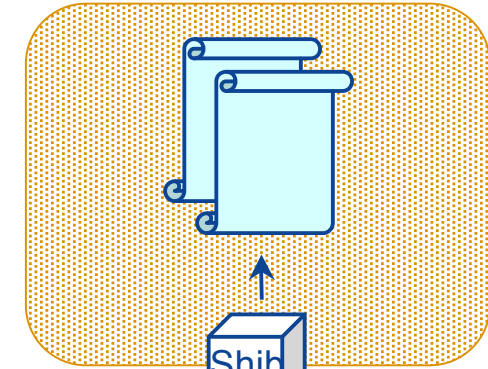
 **AuthN/AuthZ-Modul**

 **Digital Content**

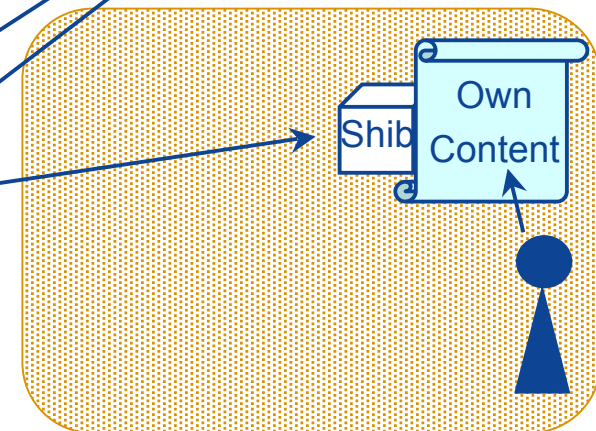
Publisher 1



Publisher 2



At Home



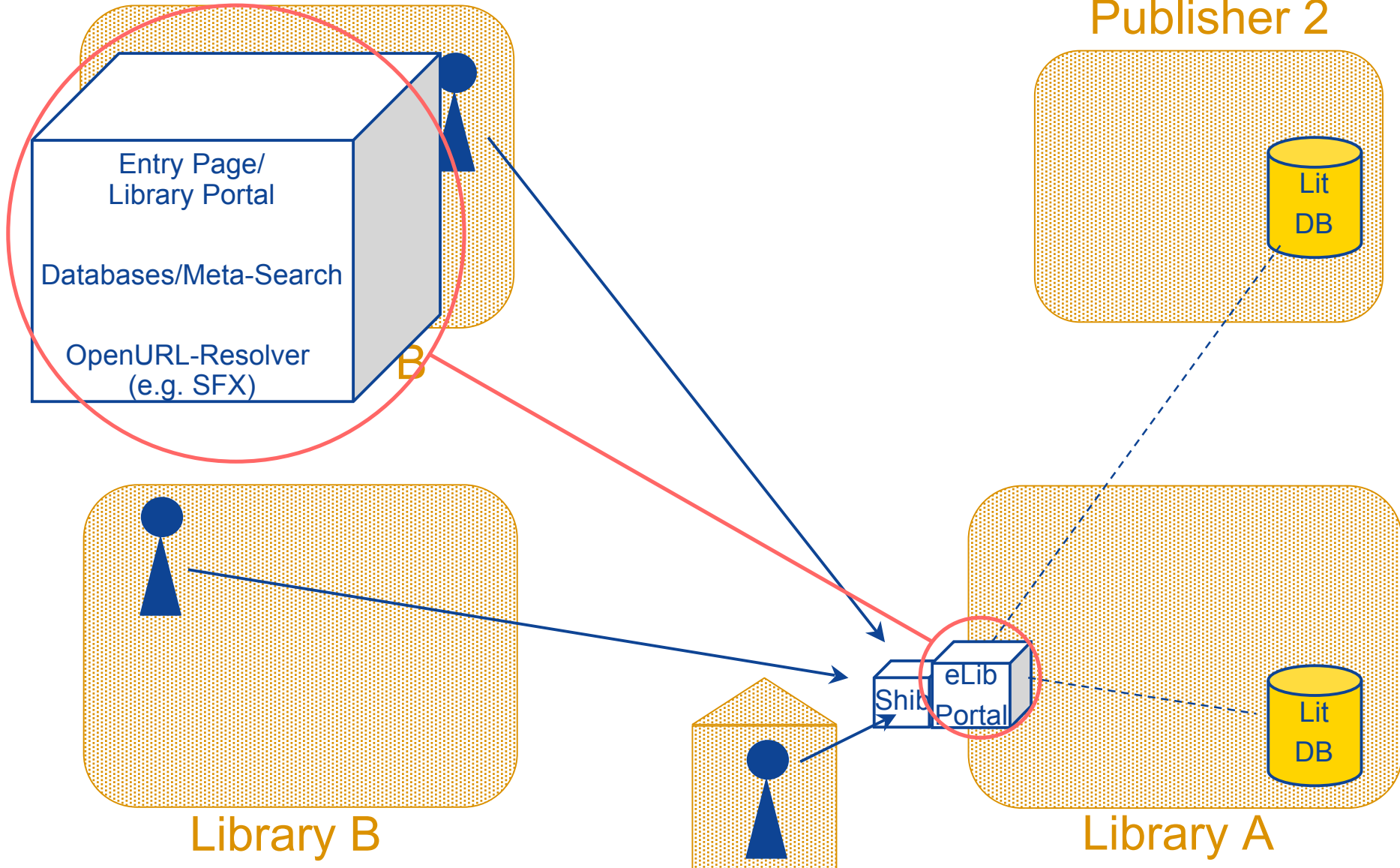
Campus A

Shibboleth Access to Publishers: Where are we today?

Publisher	Status of “shibbolization”
Elsevier ScienceDirect	In production with some US universities; Test with SWITCHaai before end of 2005
EBSCO	Pilot with US federation
OCLC	Prototype for OCLC FirstSearch
JSTOR	Prototype in the US
ProQuest	In development
Thomson Gale	In development
OVID	In development
CSA	In development
...	

Use Case 3B: Access to an e-Library Portal

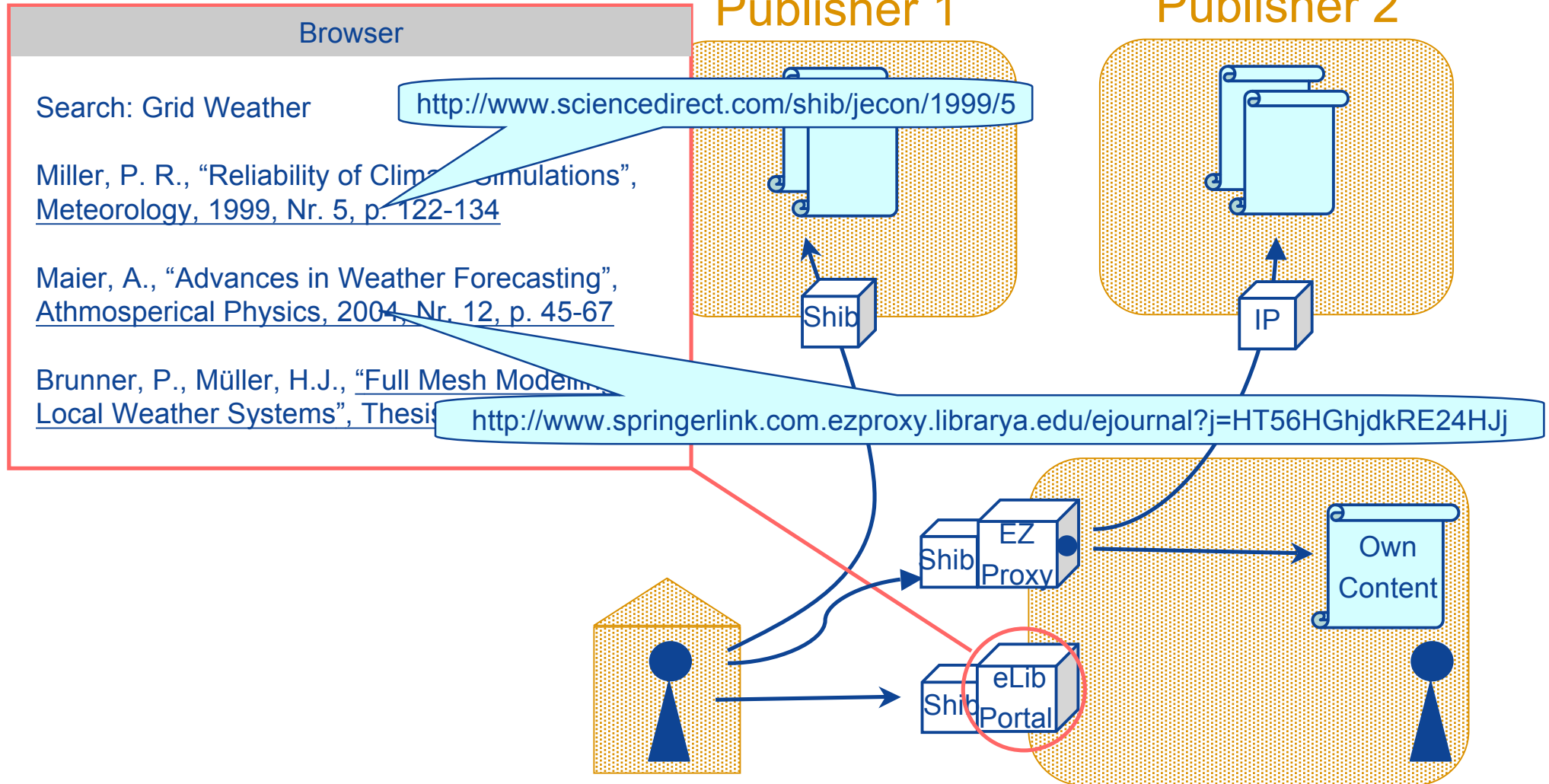
Publisher 2



Combination of Cases A & B

Publisher 1

Publisher 2

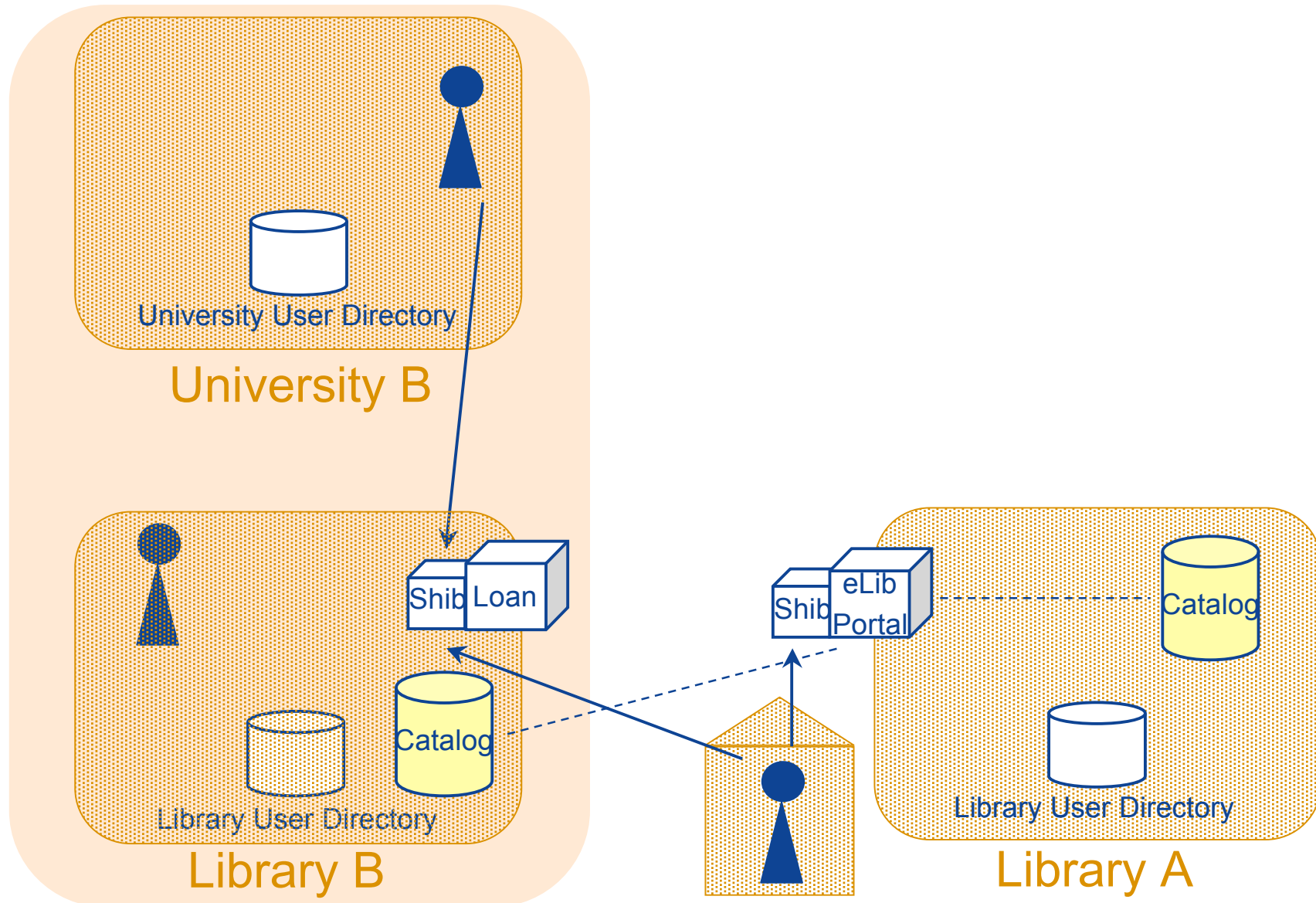


<http://shibboleth.internet2.edu/docs/gourley-shibboleth-library-portals-200310.html>

Shibbolization of e-Library Systems: Where are we today?

E-Library System	Status of “shibbolization”
ExLibris Metalib	Operational in Finland
ExLibris SFX	Imminent; Project at Uni GE for 2006/2007
Endeavor Voyager	PW-Change for users by Shib is operational in Finland
Endeavor ENCompass	Shibbolized with support of a project at
EPrints.org	Used by 7 institutions in the London area
EZproxy	Operational system at ETHZ/Swiss Library Consortium
...	

Case C: Access to Loan System



- ❑ Publishers are going to adopt Shibboleth
- ❑ Organisations with their own e-library system and a remote access system (such as a proxy or VPN) are not so suitable for Shib@libraries
- ❑ Inter-organisational e-library systems are suitable for Shib@libraries
- ❑ There is little use in shibbolising single library resources (except for getting started and gaining experience). Real benefits only come when Shib is part of an overall concept of access to all resources of a library.

Questions?

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Q & A

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