Resource Sharing in Academic Libraries in China

An Introduction to CALIS

- Qiang Zhu
- CALIS, Peking University Library
- October, 2012  Germany
1. About CALIS
2. The main services of CALIS
3. Future Consideration
China Academic Library & Information System
- One of the public service systems for higher education (the others are CERNET, CERS, CADAL)
- Funded by Chinese government
- Under the leadership of Ministry of Education
- Operated from 1998
- A nation-wide academic library consortium
Goal

- To promote, maintain and improve resource sharing
- To organize libraries to build China Academic Digital Library (eduChina)
- To provide information services at a high academic level for teaching and research
- To extend cooperation nationally and internationally

http://www.calis.edu.cn/
Development periods

Phase One
China Academic Library & Information System

Phase Two
period: July, 2004 ~ Aug., 2006
China Academic Digital Library & Information System (CSDLIS): CALIS and CADAL (One million book plan between China and USA)

Phase Three
period: March, 2010 ~ May, 2012
Universal services

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CALIS Services —— to libraries

- cooperative cataloging and bibliographic distribution
- resource development and coordinative purchase
- public access and resource navigation
- document delivery and literature acquisition
- reference assistance and subject consultation
- software sharing and technical support
- business training and qualification authentication

http://www.calis.edu.cn/
## CALIS Services —— to end users

<table>
<thead>
<tr>
<th>Service</th>
<th>Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td>e Du (Search Engine)</td>
<td>96 Million Records</td>
</tr>
<tr>
<td>e De (Document Supply Portal)</td>
<td></td>
</tr>
<tr>
<td>e Wen (Reference Service Portal)</td>
<td>1,500 Courseware &amp; 50,000 FAQ</td>
</tr>
<tr>
<td>CALIS current content of foreign journals</td>
<td>80 Million TOC</td>
</tr>
<tr>
<td>Thesis and dissertation database</td>
<td>2.4 Million Records</td>
</tr>
<tr>
<td>E-reserve database</td>
<td>50,000 Teaching Reference Information 30,000 Full texts</td>
</tr>
<tr>
<td>Special collection databases</td>
<td>3 Million Records</td>
</tr>
<tr>
<td>Ancient literature database</td>
<td>550,000 Records</td>
</tr>
</tbody>
</table>

http://www.calis.edu.cn/
查找全国高校图书馆资料

服务 / SERVICE

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动态新闻 / NEWS

CALIS三期馆员素养培训与资质认证项目总结表彰会在上海召开 2012-09-03

上海图书馆图书延期归还通知 2012-06-20

关于信息素养课件评审等级结果的通知 2012-05-31

CALIS三期特色服务项目评选评审结果 2012-05-24

内蒙古CALIS第三期购书服务及馆际互借培训会议举行 2012-05-23

高等教育文献保障系统（CALIS）培训管理办法（2012年5月22日） 2012-05-22

http://www.calis.edu.cn/
Resource sharing: An introduction of CALIS

Outline

1. About CALIS
2. The main services of CALIS
3. Future Consideration
The main services of CALIS

1. eDu----Academic search engine
2. eDe----ILL & DDS Services
3. eWen----Reference Service
4. Union Catalogue Service
5. Foreign language Journals Service
6. Imported database management
7. Training & Certification

http://www.calis.edu.cn/
provide access to physical and digital resources hold by over 800 Chinese academic libraries

aim to help users to find and get the resources by one-stop searching, quickly and conveniently

http://www.yidu.edu.cn/
Customized Using of eDu

- provide good user experiences by using SaaS, API interface, faceted search, input hint, cluster search, Wi and Google previews

- With cloud-computing technology, member can establish their own digital library, needn’t purchase hardwares & softwares, and maintain system
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http://www.calis.edu.cn/
e De Portal

e得（易得）文献获取

e得（易得）是CALIS文献提供服务门户，是面向读者的服务网站，为读者提供从文献检索到原文获取一站式文献提供服务。e得是CALIS推出的“e”系列服务之一。

详细介绍

文献传递  仅供参考
外文期刊  学位论文  图书
NSTL文献传递服务[高校版]

馆际借书
上海图书馆馆藏  外国教材中心

单篇订购
中文科技期刊（维普）  同方知网

其他服务
CALIS全文资源  代查代检

了解更多CALIS服务
CALIS所提供的服务，都可以在CALIS主站中找到，如果您需要更多的服务请访问 CALIS主站。

热烈庆祝e得（文献获取）服务门户开通

http://www.calis.edu.cn/
Application System

1. CALIS ILL & DDS service system
2. CALIS ILL & DDS handle system
3. CALIS ILL & DDS settlement system
4. CALIS DDS NetDisk system
5. Service integration interface
SaaS-based ILL & DDS service system

User
Library A

Administrator

User
Library B

CALIS ILL System (SaaS Version)

| A | B | C | D |

The request from A to B

The request from A to E

ILL DB

ILL Server

ILL Server of Library E
Statistic time: June 1st, 2011-April, 30th, 2012

Transaction Amount: 86,110

Fill rate: 82.42%.
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- provides libraries multiple ways to interact with users, such as Web-based chat and email.

- A 24/7 virtual reference service can be guaranteed and librarians can co-work with colleagues locally, provincially, even nationally.
个人文献管理工具 (EndNote) 的使用

顾烊 (guyang@seu.edu.cn)
东南大学
2011年10月20日

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http://www.calis.edu.cn/
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http://www.calis.edu.cn/
5.1 million bibliographic records and 1.3 million authority records. 
35 million holdings owned by more than 900 member libraries. 
Multiple resource types covering printed books and serials, ancient books, electronic resources and other non-book materials in more than 40 languages, such as Chinese, English, Japanese, Russian, French, German, Italian, Spanish, Latin, Korean, Arabic, etc. 
The collection covering all 71 secondary disciplines and 226 third-level disciplines (accounting for more than 90% of all 249 third-level disciplines), classified by the Ministry of Education of the People’s Republic of China. 
The standards for cataloging and retrieving are compatible with international standards.
Total downloads are more than 70 million times, the average monthly downloads are about 800,000 times.

<table>
<thead>
<tr>
<th>国家/地区</th>
<th>访问量</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>1788547</td>
</tr>
<tr>
<td>Japan</td>
<td>9,310</td>
</tr>
<tr>
<td>Taiwan</td>
<td>9,296</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>7,955</td>
</tr>
<tr>
<td>United States</td>
<td>4,871</td>
</tr>
<tr>
<td>South Korea</td>
<td>2,923</td>
</tr>
<tr>
<td>Canada</td>
<td>570</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>647</td>
</tr>
<tr>
<td>Germany</td>
<td>553</td>
</tr>
<tr>
<td>India</td>
<td>462</td>
</tr>
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Foreign language Journals Service

Foreign journal integration service system

- Foreign Journals
  - 130,000 titles
  - 10,000 OA journals

- TOC
  - 80 million articles
  - Records updated weekly

- Database Linkage
  - Full-text: 125 databases
  - A & I: 11 databases

http://ccc.calis.edu.cn/
Services provided

- Information maintenance
- Journals navigation
- TOC access
- E-journal linkage
- Document Delivery
- Holding analysis and management
- Localization services
- Customized services
Statistic on the using of this platform

1,036 member libraries (by June 26, 2012)

Statistic on Visiting

http://www.calis.edu.cn/
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http://www.calis.edu.cn/
Consortia purchasing: The Foundation of DRAA
Consortia Organized

766 times consortia are organized

http://www.calis.edu.cn/
Imported Database Management & Evaluation

**database Wiki**
- integrating lots of the imported databases information, such as standard name, publisher, database brief introduction, etc., and updated timely

**database acquisition platform**
- CALIS member libraries are able to check, choose, and purchase (except payment) their digital databases in need online

**resource evaluation platform**
- providing member libraries various online functions for digital resource assessment, such as database comparative analysis, customized report

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http://www.calis.edu.cn/
Training

- Cataloguer training
- ILL & DDS staff training
- Reference librarian training
- Application system training
- Librarian literacy training
- Imported database user training
Resource sharing: An introduction of CALIS

Outline

1. About CALIS
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3. Next Consideration
• **Sustainability**
  – The relationship between Project development and Service providing

• **Service level**
  – Provide service to all the academic libraries
  – Provide service to libraries and its end users
• **Resource integration**
  – Collect all the bibliographic records of member libraries
  – Integration with most of the bibliographic system in China

• **Service integration**
  – Improve Service quality and capability
  – integrate services of all the academic libraries
  – try informative services (science and technology project assistance)
• Application of Advanced Technology
  – Clouding computing: construction on application software cloud, information resource cloud, basic business cloud and integration service cloud

• Evaluation
  – Resource and service
  – Accelerating members development

• International Cooperation
  – Expending Resource sharing
  – Learn more successful experience
Thank you!