Seamless E-resource Sharing in Taiwan Libraries

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Outline

• Current Barriers
• Strategy
• Strategic Model
• Snapshot on Current Progress
• Achievement
• Future works
Current Barriers

• Existing commercial pricing models are too complicated and too high beyond library budget, such as bundle vs. unbundle, and package vs. title.

• Access-license replaces ownership-acquisition, and put lot restrictions on use, such as EDDS and digital preservation.

• Network bandwidth is not enough for accessing to various electronic resources which are residing foreign countries for Taiwan libraries.
Strategy

- **Aggregation of Buying Club (Consortium)**
  To formulate an irresistible buying power and expand negotiation space.

- **Construction of Mirror Site**
  To keep a legal digital copy for long-term preservation and facilitate extended use for the future.

- **Change of Contract Content**
  Turn accessing license into ownership buying.

- **Establishment of Service Portal**
  To integrate various resources and services into an uniform point for users.
Strategy$^2$ – example

- Elsevier Science’s SDOS
- Chinese Journal Network (CJN)
- SuperStar
- ProQuest’s Digital Dissertation (PQDD)
### Strategy³ – example

<table>
<thead>
<tr>
<th></th>
<th>Consortium</th>
<th>Mirror Site</th>
<th>Contract Content</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SDOS</strong></td>
<td>☆</td>
<td>☆</td>
<td>☆</td>
<td>Host</td>
</tr>
<tr>
<td><strong>CJN</strong></td>
<td>☆</td>
<td>☆</td>
<td>☆</td>
<td>Local</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Host</td>
</tr>
<tr>
<td><strong>Super</strong>*</td>
<td>☆</td>
<td></td>
<td>☆</td>
<td>Host</td>
</tr>
<tr>
<td><strong>PQDD</strong></td>
<td>☆</td>
<td>☆</td>
<td>☆</td>
<td>Local</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Host</td>
</tr>
</tbody>
</table>
Portal Site

• Born Paper
  – ILL
  – EDDS

• Born Digital
  – Commercial
  – E-preprint, eprint, e-postprint
  – Free Public Domain
Portal Site² – ILL & EDDS

- **Ingenta**
  http://www.ingenta.com/

- **Information Express**
  http://www.ieonline.com/

- **ERIC Document Reproduction Service**
- **BLDSC**
  http://www.bl.uk/services/document/orddocs.html

- **CSTI**
  http://www.nrc.ca/cisti/docdel/docdel_e.shtml

- **STICNet**
  http://ill.stic.gov.tw/
Portal Site\textsuperscript{3} – Preprint

- PrePrint Network  
  http://www.chemweb.com/preprint

- Chemistry Preprint Server  
  http://www.chemweb.com/preprint

- EconWPA  
  http://econwpa.wustl.edu/wpawelcome.html

- RePEc  
  http://www.repec.org/
Portal Site$^4$ – Preprint

- arXiv.org
- NCSTRL
  http://cs-tr.cs.cornell.edu/
- NTRS
  http://techreports.larc.nasa.gov/cgi-bin/NTRS
- CERN Document Server
  http://cds.cern.ch/
Portal Site

Free Public Domain

- Project Gutenberg
  http://promo.net/pg/

- Early English Book
  http://wwwlib.umi.com/eebo/

- Free peer-review resources
  - Directory of Electronic Journals and Academic Discussion Lists
  - FSO – Fulltext Sources Online

- Find Articles
  http://www.findarticles.com/PI/index.jhtml
Strategic Model

Ownership & Access

Core Resources and Services

Title Level

Article Level
Strategic Model²

Free-based Sources

Title-based Subscription

CORE Collection

On-demand Article-based Access

Article-based Subscription
**Snapshot on Current Progress**

<table>
<thead>
<tr>
<th>Bibliographic DB</th>
<th>Quantity</th>
<th>Audience</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16 DBs</td>
<td>Library</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>16 M recs.</td>
<td></td>
<td></td>
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<tr>
<td>A &amp; I DB</td>
<td>41 DBs</td>
<td>Researcher</td>
<td>65</td>
</tr>
</tbody>
</table>

1. Image or graphic not described in the text.
## Snapshot on Current Progress

<table>
<thead>
<tr>
<th></th>
<th>Quantity</th>
<th>Audience</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>E-journal</strong></td>
<td>6,418 Titles</td>
<td>Researcher</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td>Over 1.6 M Articles</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ETD</strong></td>
<td>7,000 Titles</td>
<td>Researcher</td>
<td>23</td>
</tr>
<tr>
<td><strong>E-Book</strong></td>
<td>200,000 Titles</td>
<td>Researcher</td>
<td>Under construction</td>
</tr>
</tbody>
</table>
Achievement

- Instant accessibility
- A cheaper price
- Risk sharing
- Long-term preservation
Future collaborative pilot project

- Pricing model
- IT development
  - Content management
  - Information-finding Behaviors and Patterns
Thank for your join, and welcome any comments!