Contribution of self-archiving
to the implementation of open access policies:
The case of the Institutional Repository ESTIA of
Harokopio University

Ifigenia Vardakosta
Eftychia Koufakou
Marios Bekatoros

International Open Access Conference @ EKT, Oct.16-18, 2013
Session Overview

- ESTIA
- Open Access Policies
- ESTIA’S workflow 2006-2012
- Self Archiving 2012-
- Architecture
- Assessment
- Future Work
Institutional Repository of HUA (http://estia.hua.gr:8080/dspace/)

- Implemented in 2006 under 2nd European Community Framework
- Collects all undergraduate, postgraduate dissertations and PhDs carried out at HUA (more than 2000 metadata records)
- Provides metadata record and URL connection with Greek National Archive of PhD Theses for those PhDs from various academic institutions holds the LIC in print format
- Dspace (DC, OAI-PMH, Unicode UTF-8)
- Harvested by various aggregators e.g. Openarchives, search engines e.g. Google
OPEN ACCESS POLICIES

• Mandatory submission
  
  (Dep. of Home Economics & Ecology and Dep. of Geography: mandatory submission of dissertations with grade 9 and 10)

• Postgraduates and dissertations with no embargo
  
  (only 2 PhDs are embargoed, their metadata can be found in ESTIA)
Disadvantages

- physical presence of the student at the LIC was required
- technical problems usually occurred
- Secretariats misunderstandings were frequent
SELF ARCHIVING

• In the framework of Digital Convergence and in co-operation with Network Operation Centre

• In 2012 (pilot implementation into 2 Secretariats: Post Graduate Programme of Nutrition & Dietetics and Dep. of Informatics and Telematics)

• Priority given to:
  – Policy development
  – Organization of workshop for users
  – Web content restructuring
    (http://www.library.hua.gr/index.php/2012-01-20-07-44-52)
  – Instructional flyers
    (http://www.library.hua.gr/images/Odigies_ypovolis_ESTIA.pdf)

• In May 2013: full implementation into 8 secretariats
ESTIA’S SELF ARCHIVING WORKFLOW

Benefits

- Remote access
- Reduce of costs
- Cooperation improvement (Secretary-LIC)
- Metadata and vocabulary control
Η Λιτότης Ελληνικής Διακοπής Πολέμου, η οικονομία και η ελευθερία: συμμετοχή στην επικοινωνία με την ελληνική κοινότητα

Στο καθεστώς η Λιτότης Ελληνικής Διακοπής Πολέμου και η συμμετοχή της στην επικοινωνία με την ελληνική κοινότητα. Η ελευθερία και η οικονομία σε σύνδεση με την ελληνική κοινότητα.

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• J2EE Architecture
• Programming languages: Java and JSP
• Object-oriented architecture
• Open Source Platform: Dspace
• Communication between Repository and Self-archiving application: Web Service API

Web Service API can be found: http://sourceforge.net/p/e-thesis/code/HEAD/tree/E-ThesisWS/
Relational database which stores:

1. Platform users
2. Submissions
3. Collections
4. Errors
5. Secondary system data that include:
   - User authentication service
   - University's email server

Operates: Oracle Glassfish Server 3

Java code can be found: https://github.com/bekatoros/ethesis
SURVEY

- Between June - July 2013
- Secretariats of all departments
- Students who submitted their undergraduate-postgraduate dissertation / PhD to the collection
- 2 different electronic questionnaires (22 questions for students and 18 for secretariats) with common sections regarding the satisfaction of:
  - personnel
  - instructions & guidance
  - usage of self archiving application

Response Rates

75 of 105 students (72%)
7 responses from Secretariats (100%)
(1 Secretary is both for under and postgraduate students)
SURVEY RESULTS (1/2)
Common Sections

<table>
<thead>
<tr>
<th>Satisfaction (&quot;very much&quot;) of Personnel</th>
<th>Usage of Self Archiving Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students</td>
<td>Secretariats</td>
</tr>
<tr>
<td>Secretariats:</td>
<td>66%</td>
</tr>
<tr>
<td>LIC:</td>
<td>57%</td>
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<tr>
<td>NOC:</td>
<td>55%</td>
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<table>
<thead>
<tr>
<th>Satisfaction (&quot;very much&quot;) of Instructions &amp; Guidance</th>
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</thead>
<tbody>
<tr>
<td>Students</td>
</tr>
<tr>
<td>53%</td>
</tr>
</tbody>
</table>
### SURVEY RESULTS (2/2)

#### Student satisfaction (“very much”) of Submission

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple metadata fulfillment</td>
<td>50%</td>
</tr>
<tr>
<td>Login</td>
<td>62%</td>
</tr>
<tr>
<td>Copyright policy</td>
<td>46%</td>
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#### Secretariats opinion on the Implementation of the new workflow procedure

<table>
<thead>
<tr>
<th>Feature</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Considered “essential”</td>
<td>86%</td>
</tr>
<tr>
<td>Reduced paper use</td>
<td>29%</td>
</tr>
<tr>
<td>Beneficial for students</td>
<td>57%</td>
</tr>
<tr>
<td>Improved workflow</td>
<td>29%</td>
</tr>
<tr>
<td>Immediate handle of work</td>
<td>43%</td>
</tr>
</tbody>
</table>

#### Student’s opinion regarding ESTIA

<table>
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<tr>
<th>Feature</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>University should sustain a repository</td>
<td>55% (strongly agree)</td>
</tr>
<tr>
<td>Useable information source</td>
<td>49% (agree)</td>
</tr>
<tr>
<td>Use for information retrieval</td>
<td>51% (agree)</td>
</tr>
<tr>
<td>Should be an open access repository</td>
<td>40% (strongly agree)</td>
</tr>
</tbody>
</table>

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Future Work

- Bilingual interface (for students)
- Chronological ranking (for secretariats)
- “Communication” with Greek National Archive of PhD Theses

**LIC should:**

- Organize twice a year graduate students’ seminar before the submission
- Constantly provide information regarding open access and copyright issues to patrons
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Thank you!

Ifigenia Vardakosta
ifigenia@hua.gr
Eftychia Koufakou
effiek@hua.gr
Marios Bekatoros
bekatoros@hua.gr