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

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Session Overview

- ESTIA
- Open Access Policies
- ESTIA’S workflow 2006-2012
- Self Archiving 2012-
- Architecture
- Assessment
- Future Work
ESTIA

• 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
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
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](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)
HAROKOPIO UNIVERSITY
LIBRARY & INFORMATION CENTRE
NETWORK OPERATION CENTRE

SURVEY RESULTS (1/2)
Common Sections

### Satisfaction ("very much") of Personnel

<table>
<thead>
<tr>
<th></th>
<th>Students</th>
<th>Secretariats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secretariats:</td>
<td>66%</td>
<td></td>
</tr>
<tr>
<td>LIC:</td>
<td>57%</td>
<td>LIC: 100%</td>
</tr>
<tr>
<td>NOC:</td>
<td>55%</td>
<td>NOC: 71%</td>
</tr>
</tbody>
</table>

### Usage of Self Archiving Application

<table>
<thead>
<tr>
<th></th>
<th>Students</th>
<th>Secretariats</th>
</tr>
</thead>
<tbody>
<tr>
<td>User friendly</td>
<td>46%</td>
<td>57%</td>
</tr>
<tr>
<td>Simple</td>
<td>71%</td>
<td>54%</td>
</tr>
<tr>
<td>Timeless</td>
<td>51%</td>
<td>43%</td>
</tr>
<tr>
<td>Easy to use</td>
<td>50%</td>
<td>71%</td>
</tr>
</tbody>
</table>

### Satisfaction ("very much") of Instructions & Guidance

<table>
<thead>
<tr>
<th></th>
<th>Students</th>
<th>Secretariats</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53%</td>
<td>71%</td>
</tr>
</tbody>
</table>
SURVEY RESULTS (2/2)

<table>
<thead>
<tr>
<th>Student satisfaction (“very much”) of Submission</th>
<th>Secretariats opinion on the Implementation of the new workflow procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple metadata fulfillment</td>
<td>Considered “essential”</td>
</tr>
<tr>
<td>Login</td>
<td>86%</td>
</tr>
<tr>
<td>Copyright policy</td>
<td>Reduced paper use</td>
</tr>
<tr>
<td></td>
<td>29%</td>
</tr>
</tbody>
</table>

| Secretariats opinion on the Implementation of the new workflow procedure |
|-------------------------------------------------|--------------------------------------------------------------------------|
| Considered “essential”                          | 86%                                                                       |
| Reduced paper use                               | 29%                                                                       |
| Beneficial for students                         | 57%                                                                       |
| Improved workflow                               | 29%                                                                       |
| Immediate handle of work                        | 43%                                                                       |

| Student’s opinion regarding ESTIA                |
|-------------------------------------------------|--------------------------------------------------------------------------|
| University should sustain a repository          | 55% (strongly agree)                                                   |
| Useable information source                      | 49% (agree)                                                             |
| Use for information retrieval                   | 51% (agree)                                                             |
| Should be an open access repository             | 40% (strongly agree)                                                   |

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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!

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