HAROKOPIO UNIVERSITY
LIBRARY & INFORMATION CENTRE
NETWORK OPERATION CENTRE

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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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

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

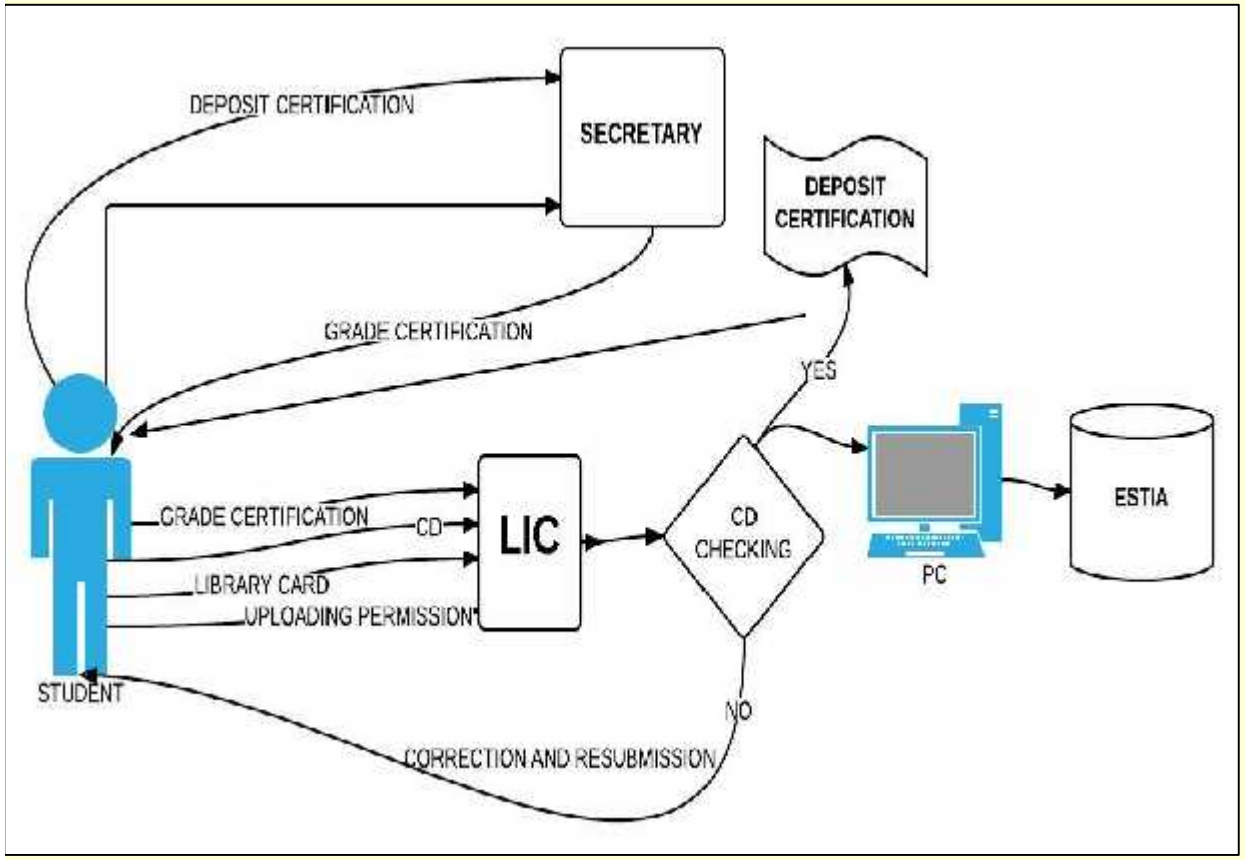
- **Mandatory submission**

(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)

ESTIA SUBMISSION WORKFLOW 2006-2012



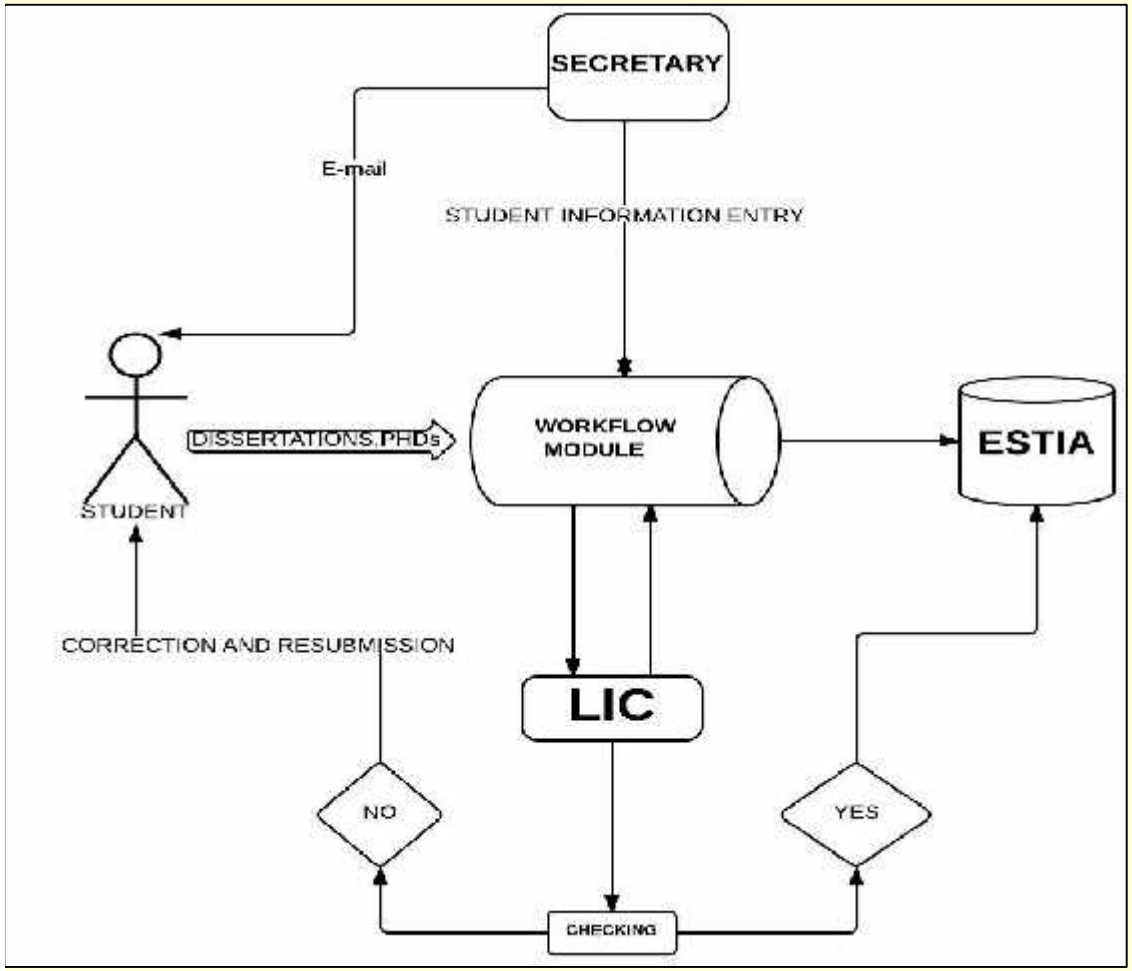
Disadvantages

- 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

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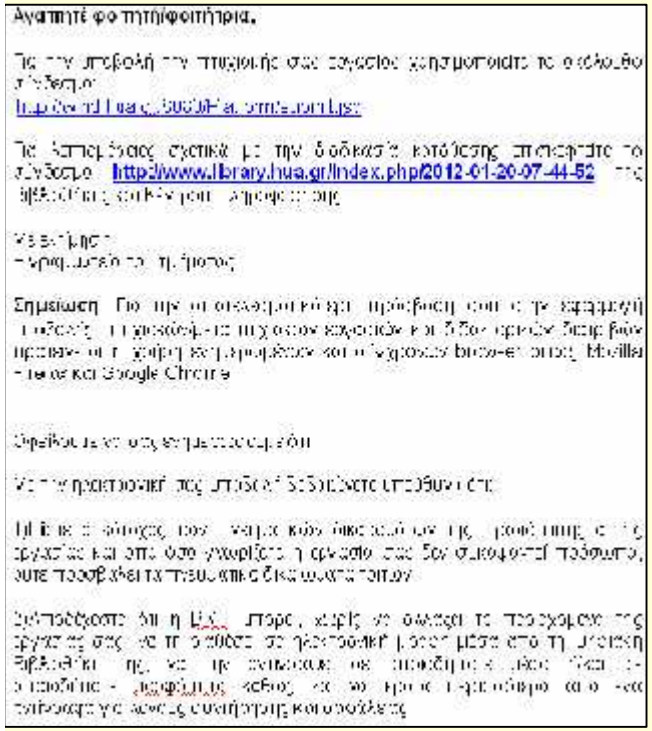

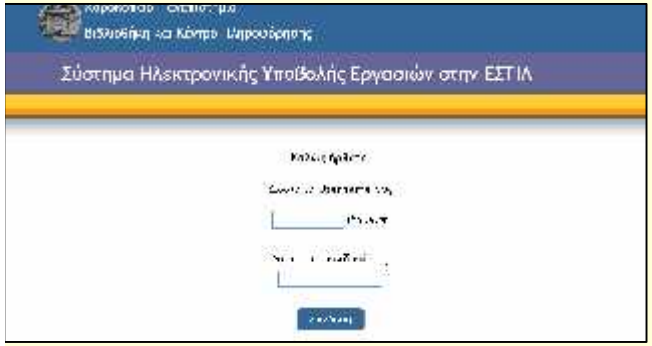

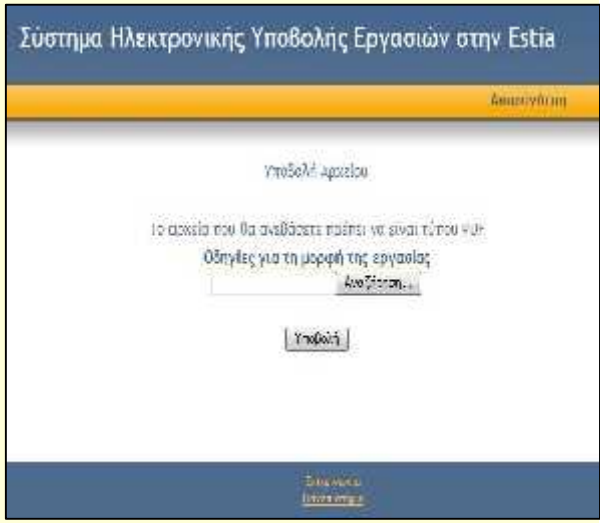

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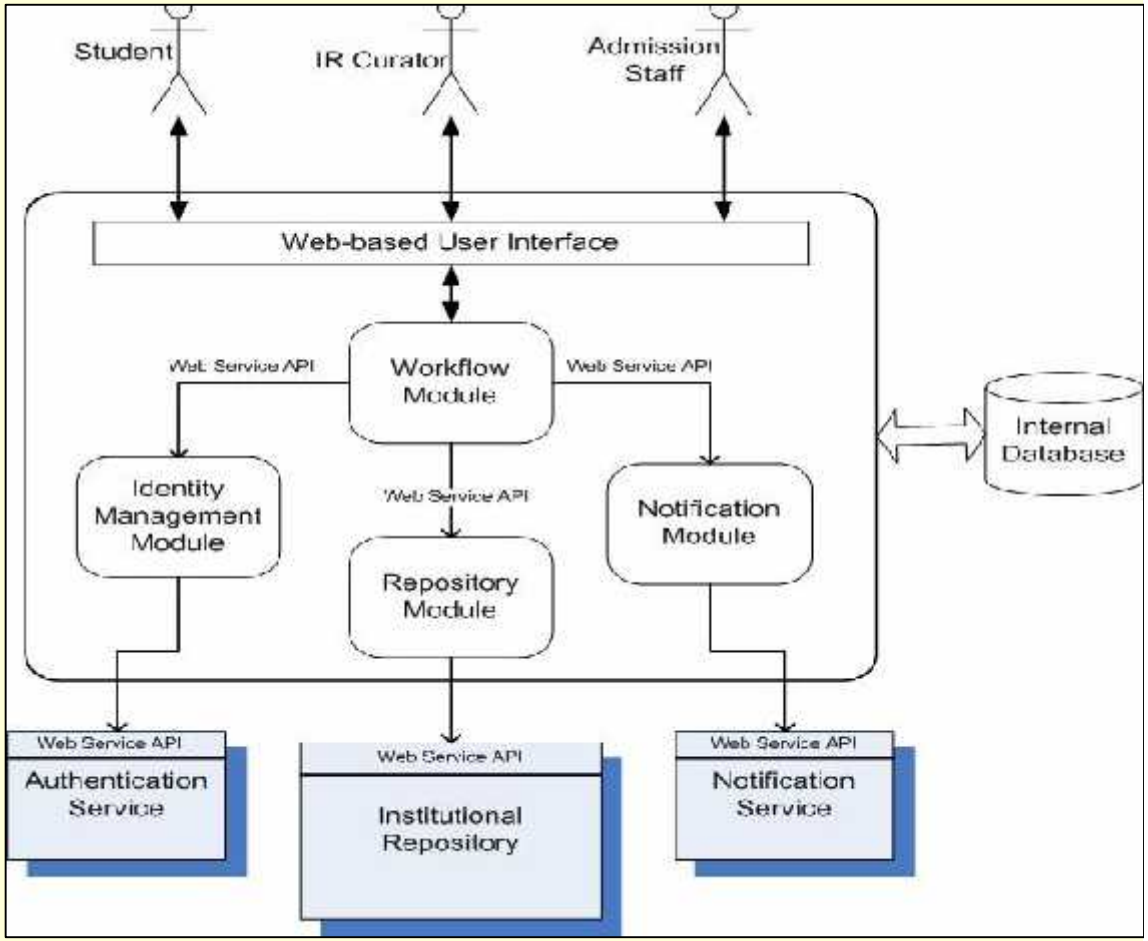
ARCHITECTURE (1/2)

- 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/

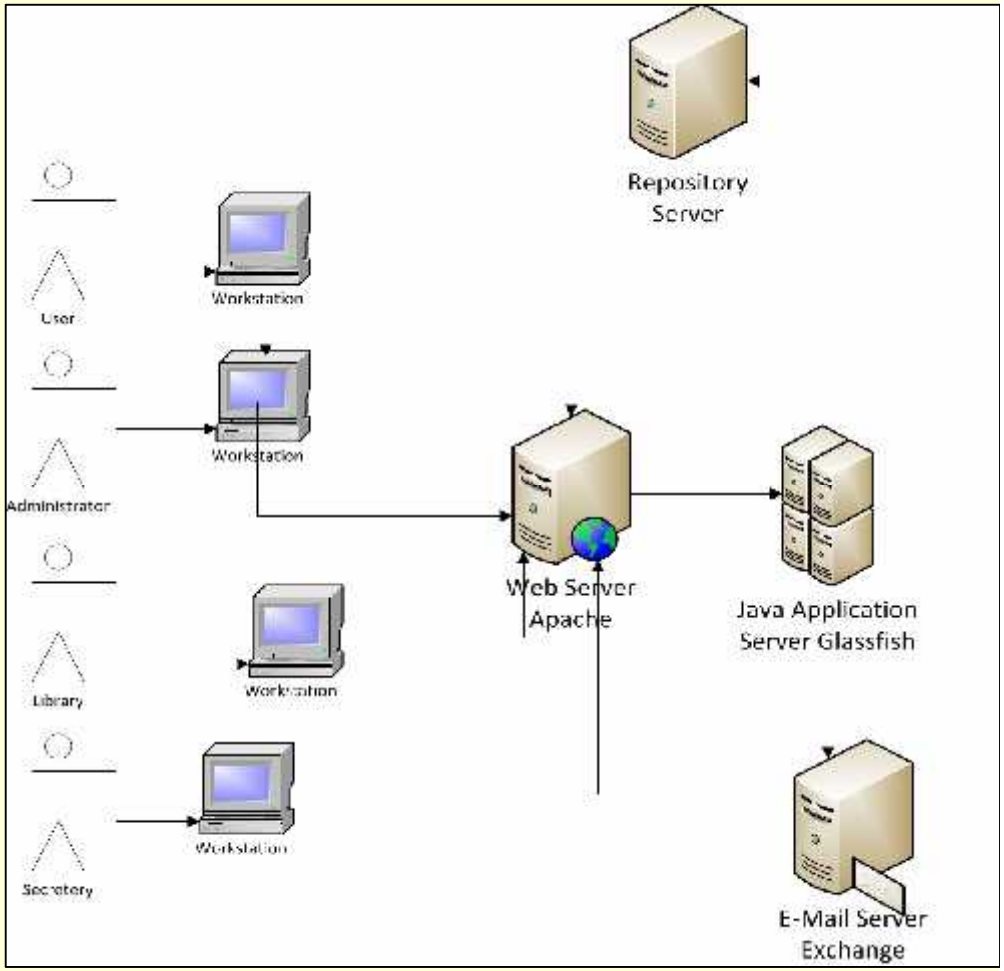
ARCHITECTURE (2/2)

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

Satisfaction ("very much") of Personnel			
Students		**Secretariats**	
Secretariats:	66%		
LIC:	57%	LIC:	100%
NOC:	55%	NOC:	71%

Usage of Self Archiving Application		
	Students	**Secretariats**
User friendly	46%	57%
Simple	71%	54%
Timeless	51%	43%
Easy to use	50%	71%

Satisfaction ("very much") of Instructions & Guidance	
Students	**Secretariats**
53%	71%

SURVEY RESULTS (2/2)

Student satisfaction ("very much") of Submission	
Simple metadata fulfillment	50%
Login	62%
Copyright policy	46%

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)

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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