The UAB preservation policy: evaluating the trustworthiness of our repository

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Erasmus staff week, 27-31 March 2017
Campus of International Excellence

Healthy and sustainable campus

Improving in research and teaching areas

Promoting innovation

Internationalization

Solidarity, participation and culture

http://www.uab.cat/
The UAB in figures

<table>
<thead>
<tr>
<th>Structure</th>
<th>Research</th>
<th>Teaching</th>
<th>Budget and finances</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 UAB teaching centres</td>
<td>68 PhD programmes</td>
<td>87 Bachelor's degrees</td>
<td>€311.97m budget</td>
</tr>
<tr>
<td>57 departments</td>
<td>5,130 PhD students</td>
<td>315 master's</td>
<td>62% public income</td>
</tr>
<tr>
<td>3,676 teaching and research staff</td>
<td>1,114 PhD theses (last year)</td>
<td>18 MOOC at Coursera</td>
<td>€77.84m funding for research</td>
</tr>
<tr>
<td>2,348 staff</td>
<td>52 European research projects</td>
<td>26,467 undergraduates</td>
<td></td>
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<tr>
<td></td>
<td>3,316 articles published in indexed journals</td>
<td>6,134 Master's students</td>
<td></td>
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<tr>
<td></td>
<td>264 research groups</td>
<td>163,874 MOOC students</td>
<td></td>
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</table>
Library Service 2015-2018 Strategic plan

“The library, more than you can imagine!”

http://ddd.uab.cat/pub/videos/2016/163043/promo_sdb_a2016m7.mp4
MISSION
The Library Service’s mission is to provide information resources and top-quality services in line with the UAB’s pursuit of excellence in education, research, innovation and knowledge transfer.

VISION
The UAB libraries are your permanent ally in the whole cycle of learning, teaching and research, while proactively collaborating in achieving the objectives of excellence of the university. We enhance the resources and digital services and we are present in all environments.

VALUES
User orientation: The fulfillment of users’ needs and expectations is the driving force for our activities.

Continuous improvement: Innovation and a systematic drive to improve efficiency and cost-efficiency. Excellence is achieved through team work and library cooperation.

AXES
1. Learning and teaching
2. Research
3. Spaces & resources
4. Communication & promotion
5. Team & management
Quality management system

Since 2000

ISO 9001 certification:

- Process management
- Planning
- Continuous improvement
- Knowledge management
- Risk management
## The UAB Library Service in Figures

<table>
<thead>
<tr>
<th>Collection</th>
<th>Services</th>
<th>Users</th>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,288,950 items</td>
<td>580 IT workstations</td>
<td>2,909,798 users</td>
<td>2,806,231 articles</td>
</tr>
<tr>
<td>30,307 electronic &amp; print journals</td>
<td>6,965 information skills teaching attendees</td>
<td>454,426 loans</td>
<td>5,521,288 repository</td>
</tr>
<tr>
<td>152,600 publications in our repository</td>
<td>1,909 reference service questions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Key Figures

- **12 Libraries**
- **4,877 Seats**
- **36,615m²**
Research support services...

Research Assessment and Accreditation

Data management support

Intellectual property assessment

REDI – Publishing in UAB journals
About our repository...

- **2006**: 10,000 registers
- **2007**: 130,000 consultes
- **2008**: 1.2 millions
- **2009**: 25,000
- **2010**: 10,000 registres
- **2011**: 57,000
- **2012**: Captura pàgines web
- **2013**: Incorporació automàtica de registres
- **2014**: 1r Espanya 10è món
- **2015**: 90,000
- **2016**: 150,000 registres

- **2011**: Política Institucional Accés Obert
- **2012**: NIU i contraseña
- **2013**: DOI, Cites WOS i SCOPUS, Altmetrics
- **2014**: Autoarxiu
- **2015**: Web mòbil
- **2016**: http://ddd.uab.cat
Research repository....

50 Research groups

52,000 documents
Special and heritage collections repository...

815,563 pages
3,5 million files
25 Terabytes
€250,000 subsidies
Evaluating it with ISO 16363

Capability of a digital repository to store, process, manage and provide access to trustworthy digital collections

- Interpretation of the ISO standard
- Development of the OAIS Model
- Analysis of the checklist
- Evaluation report
- Preservation plan
- Improvements list
The standard

1. Introduction: when and how to apply, terminology and definitions
2. Information and criteria on audit and certification
3. Organizational infrastructure - 14 indicators
4. Management of digital objects (OAIS) - 30 indicators
5. Technology, technical infrastructure and security - 6 indicators
Economic Sustainability (3)

• It is difficult to perform an analysis of benefits, investments and expenses (analytical accounting)

• The budget does not depend on a single university service

• Little strategic financial planning

• The most important costs are in submission and are the human resources costs.
  ◦ Seek efficiency
  ◦ Automate processes

David Rosenthal - Costs of preservation:

http://blog.dshr.org/2013/01/dawn-vs-twitter.html
Technology, technical infrastructure and security (5)

- Identification and risk management
- Backups
- Roles and responsibilities
- Disaster prevention and recovery plans
Storage

Institutional repository
750 Gb

Digitization repository
25 Tb (+25 Tb)
Preservation plan

- collections and users
- roles and responsibilities
- legal requirements
- financial sustainability
- technical sustainability
- contingency plan, risk analysis
Conclusions

• Empowers coordination and communication between different services of the university
• Helps to establish responsibilities. Identifies roles: information manager, service manager, security responsible
• It is essential to provide evidence of the processes carried out.
• Having calendars, reports... are records that should be established.
• Evaluations are a first step in a more proactive approach to be implemented in the future.
Thank you!!
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