Managing APCs with institutional repository software (EPrints)

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UNIVERSITY LIBRARY
### EPrints @ Regensburg Institutional Repository

#### Global Open Access Repository Ranking

<table>
<thead>
<tr>
<th>Global Rank</th>
<th>Name</th>
<th>Move</th>
<th>Country</th>
<th>Open Access</th>
<th>Usability</th>
<th>Services</th>
<th>Metadata</th>
<th>Interoperability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Publikationsserver der Universität Regensburg</td>
<td>🔺</td>
<td>🇩🇪</td>
<td>8</td>
<td>15</td>
<td>11</td>
<td>31</td>
<td>24</td>
</tr>
<tr>
<td>2.</td>
<td>EconStor (Deutsche Zentralbibliothek für Wirtschaftswissenschaften, ZBW)</td>
<td>🔻</td>
<td>🇩🇪</td>
<td>6</td>
<td>15</td>
<td>8</td>
<td>32</td>
<td>23</td>
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<tr>
<td>3.</td>
<td>Ludwig-Maximilians-Universität München: Open Access LMU</td>
<td>🔻</td>
<td>🇩🇪</td>
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<td>4.</td>
<td>pedocs-Dokumentenserver (Host: Fachportal Pädagogik / DIPF)</td>
<td>🔻</td>
<td>🇩🇪</td>
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<tr>
<td>5.</td>
<td>Universität Heidelberg: HeiDok (Heidelberger Dokumentenserver)</td>
<td>🔻</td>
<td>🇩🇪</td>
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</tbody>
</table>
Subject Repository
Local history of Regensburg
APC: German situation

One big funder

Funding Program: Open Access Publishing

Aim: Establishing funds for OA publication

Conditions

- Corresponding author
- Up to 2000,- €
- Pure OA Journals (no hybrid)
- Quality proven journals
Comparison

Acquiring books

Ordering book

Delivery of book

Paying the invoice

No article level metadata

Paying APC

Getting the invoice

Paying APC

Article will be published

Article level
Administration of Fund

Requirements

- List of funded publications
- Application: web based
- List of OA-Journals
- Reporting

→ Database Solution

Question:

New development or Adjustment of existing system
Software for institutional repository: EPrints

- Article level coverage
  - Author
  - Title
  - Journal/Publisher
  - Status (submitted, published, ...)

- Institutions

- Administration of Journals
  - Autocomplete from DOAJ
  - Possibility of inserting any journal

- LDAP-Authorisation (or Shibboleth)
  - Affiliation of corresponding author

- Familiar working environment (Stuff and researchers)
Where to store the information?

Institutional Repository

- Payment information
  - All Data in a single system
- Problem:
  - Mixing: Invoice – Fulltext

Own portal

- Invoice as Fulltext
  - Not public
- Clear separation
  - Application
  - Repository

Own Repository

http://oa.uni-regensburg.de/
Fields

Existing fields

• Authors
• Title
• Journal
• Publisher
• Comments for staff only
• Faculty (Institution)
• Fulltext (Invoice)
• Project (phase of funding)
• Related URL (inst. Repository)
• Date of publication
• Status

New fields

• (actual) Costs
• Transaction number
• Date of payment
• Payment scheme
  (Voucher, Prepayment)

Not stored:
Invoice number
Manuscript ID
Workflow: APCs

- Application
  - Author check

- Checking journal

- Invoice

- Actual costs and transaction number (update)

- URL-Publicationserver
Interfaces

Automatic data exchange: oa → epub
  • XML: EPrints-format

Automatic addition of metadata:
  • PubMed, ...

Reporting:
  • Metadata from both systems

Interface: Administration of University
  • Import (csv-format)
  • E.g. date of payment
List of Journals

Starting point: DOAJ
- Import via OAI
- Regularly updates

Own additions

Propositions during typing
- Autocomplete

Automatic Generation of Browsing pages (static pages)
- Browsing of subjects
- API
- Future: Widgets
Reporting

Generating of lists
• Browsing
  • Year, Institution, ...
• Export of Searchresults
  • Formats: csv, xml, ref,...
• Reports for
  • Head of University, DFG, intern

Suvbmitting data to Open APCs
• Excel-File by pushing a button

OAI-Interface
Statistics: annual distribution
Statistics: distribution within university

Aufteilung geförderten Veröffentlichungen auf Fakultäten

Aufteilung der Anzahl der Veröffentlichungen

- Wirtschaftswissenschaften: 56.7%
- Medizin: 21.7%
- Psychologie, Pädagogik und Sportwissenschaften: 11.5%
- Mathematik
- Physik
- Biologie
- Chemie und Pharmazie
Statistics: Publisher: number of paid APCs
Statistics: Publisher: average APCs
Statistics: Publishers
Average price vs number of publications
Statistics: Distribution: Faculties-Publisher
Statistics: further possibilities

• Author
  • Number
  • Total costs
  • Publishers

• Development of prices
  • Publisher
  • Journal
Summary and next steps

Summary

• Easy but powerful tool to administer
• High Transparency

Next steps

• Integration in institutional Repository
• Cooperation (international level)
• EPrints-Bazaar
Thank you very much
Questions?

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Member: Open Access Expert group Knowledge Exchange
http://www.knowledge-exchange.info/

Member: Ad-hoc Working Group Open Access Gold Initiative „Digital Information“