Survey of Internet Publication of Dissertation

Institutional Repositories Promotion Committee
2014 Contents WG (Dissertation team)

Outline

- Background
- Survey
  1. IRDB* data analysis
  2. Questionnaire survey
- Conclusion
- Future work

* Institutional Repositories Database

Awareness of the issue

- How far did we go?
  → Survey 1: IRDB data analysis

- What are the difficulties in publishing process?
  → Survey 2: Questionnaire survey to the institutions of WG members

* Institutional Repositories Database
Awareness of the issue

- How far did we go?
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Survey 1
IRDB data analysis

- Purpose
  To clarify the publishing status of 2013 dissertations to the institution repository

- Method
  Investigating the no. of 2013 dissertations in IRDB
  - Extraction day: November 3, 2014
  - Extraction condition:
    item_niitype = Thesis or Dissertation
  - Number of results: 130,887

Survey 1
No. of internet publications of dissertation in 2013

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full texts</td>
<td>4,667</td>
</tr>
<tr>
<td>Others</td>
<td>4,674</td>
</tr>
<tr>
<td>Total</td>
<td>9,341</td>
</tr>
</tbody>
</table>

*Abstracts, summaries, secondary information

Survey 1
Ratio of internet publications of dissertation in 2013

- Full texts: about 28%
- Total: about 56%

*No. of degree conferment published by Ministry of Education, Culture, Sports, Science and Technology
http://www.mext.go.jp/a_menu/koutou/daiyakuin/index.htm
Survey 1
No. of Universities published / unpublished dissertations by IR

- Published: 189
- Unpublished: 236
- Total: 425

No. of universities
0  50  100  150  200  250

Average no. of degree confection in 2009-2011
0-4  5-9  10-24  25-49  50-99  100-249  250-499

Awareness of the issue

- How far did we go?
  → Survey 1: IRDB data analysis

- What are the difficulties in publishing process?
  → Survey 2: Questionnaire survey to the institutions of WG members

Survey 1
No. of Universities published / unpublished dissertations by IR

- Published: 132
- Unpublished: 89
- Total: 221

No. of universities
0  50  100  150  200  250

Average no. of degree confection in 2009-2011
0-4  5-9  10-24  25-49  50-99  100-249  250-499

Survey 1
No. of Universities published / unpublished dissertations by IR

- Published: 89
- Unpublished: 19
- Total: 250

Nov. 2014 → Mar. 2015

* Universities grant over average 5 degrees a year.
Survey 2
Questionnaire survey to the institutions of WG members

- **Purpose**
  To share problems and best practices among universities

- **Targets**
  25 institutions

- **Respondents**
  18 universities (12 National Univ., 6 Private Univ.)

- **Period of survey**
  February 26, 2015 – March 25, 2015

Survey 2
Situation of 2013 dissertation in respondents

![Graph showing the percentage of published full texts to the total no. of 2013 dissertations in IR]

Survey 2
Respondents

![Pie chart showing the number of universities by the number of degree confrment in 2013]

Survey 2
Problems (multiple answers allowed)

<table>
<thead>
<tr>
<th>Problem</th>
<th>No. of responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inadequacy of lists or PDF files</td>
<td>7</td>
</tr>
<tr>
<td>PDF Files delivery delay</td>
<td>6</td>
</tr>
<tr>
<td>Coordination with relevant departments</td>
<td>5</td>
</tr>
<tr>
<td>Handling copyrights</td>
<td>4</td>
</tr>
<tr>
<td>Lack of knowledge in the university</td>
<td>3</td>
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<tr>
<td>Registration work</td>
<td>2</td>
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<tr>
<td>Others</td>
<td>1</td>
</tr>
<tr>
<td>None</td>
<td>0</td>
</tr>
</tbody>
</table>
Survey 2
How to manage problems and their effect 1

- Inadequacy of lists or PDF files
  - Distribute leaflet about making PDF files to authors
  - Publicize to students and relevant departments
  - Improved format

Survey 2
How to manage problems and their effect 2

- PDF Files delivery delay
  - Reminder
- Coordination with relevant departments
- Registration work
  - Prepare manuals with relevant departments

Survey 2
How to manage problems and their effect 3

- Handling copyrights
- Lack of knowledge in the university
  - Improved format
  - Establish guidelines by faculties, staff of educational affairs division and library staff
  - Produce and distribute leaflet to authors and publish it by IR
  - Publicize through relevant division such as educational affairs division

Survey 2
Other efforts

- About IR
  - Publish full text, abstract and summary in the same page, and add description to data to identify each files
  - Modification of system to lay an embargo by PDF files
- On campus
  - Explain at the meeting which authors must attend
  - Clarification of the division of the roles
- Others
  - Transfer data by a server without using by CD
  - Create a list of dissertation on website
Conclusion

- The ratio of internet publication of 2013 dissertation by IR is about 56% *

- Internet publication of dissertation goes well at universities established IR

- Universities have common problems regarding internet publication of dissertation and seek more effective solutions

*As of November 2014

Future work

- Conduct ongoing surveys

- Develop systems of information exchange among universities to share best practices

The report

The situations and problems of internet publication of dissertation

http://id.nii.ac.jp/1280/00000131/